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Building & Engineering News

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Seventeenth Year, No. 1.

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San Francisco, Cal., January 3, 1916

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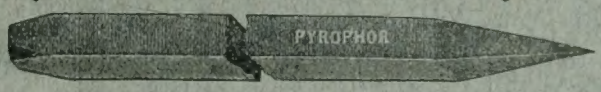
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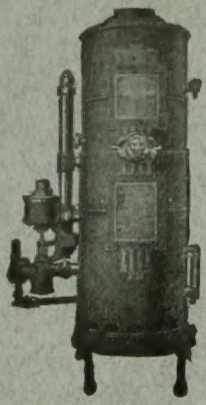
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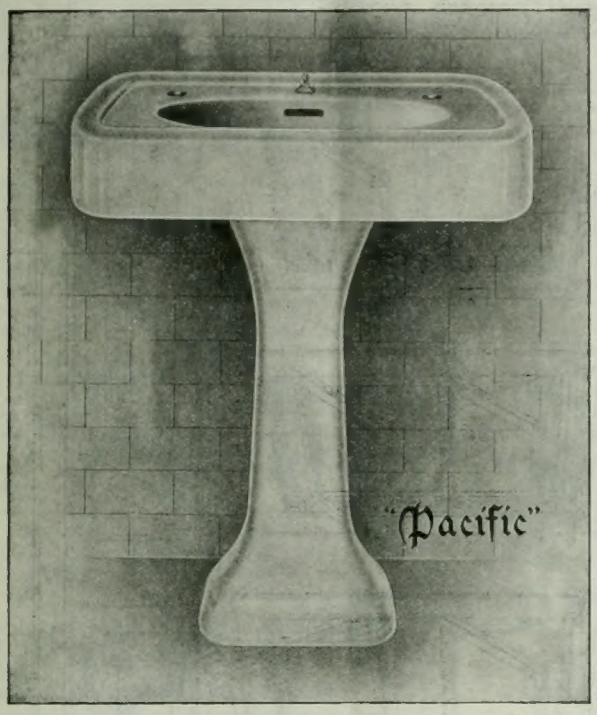
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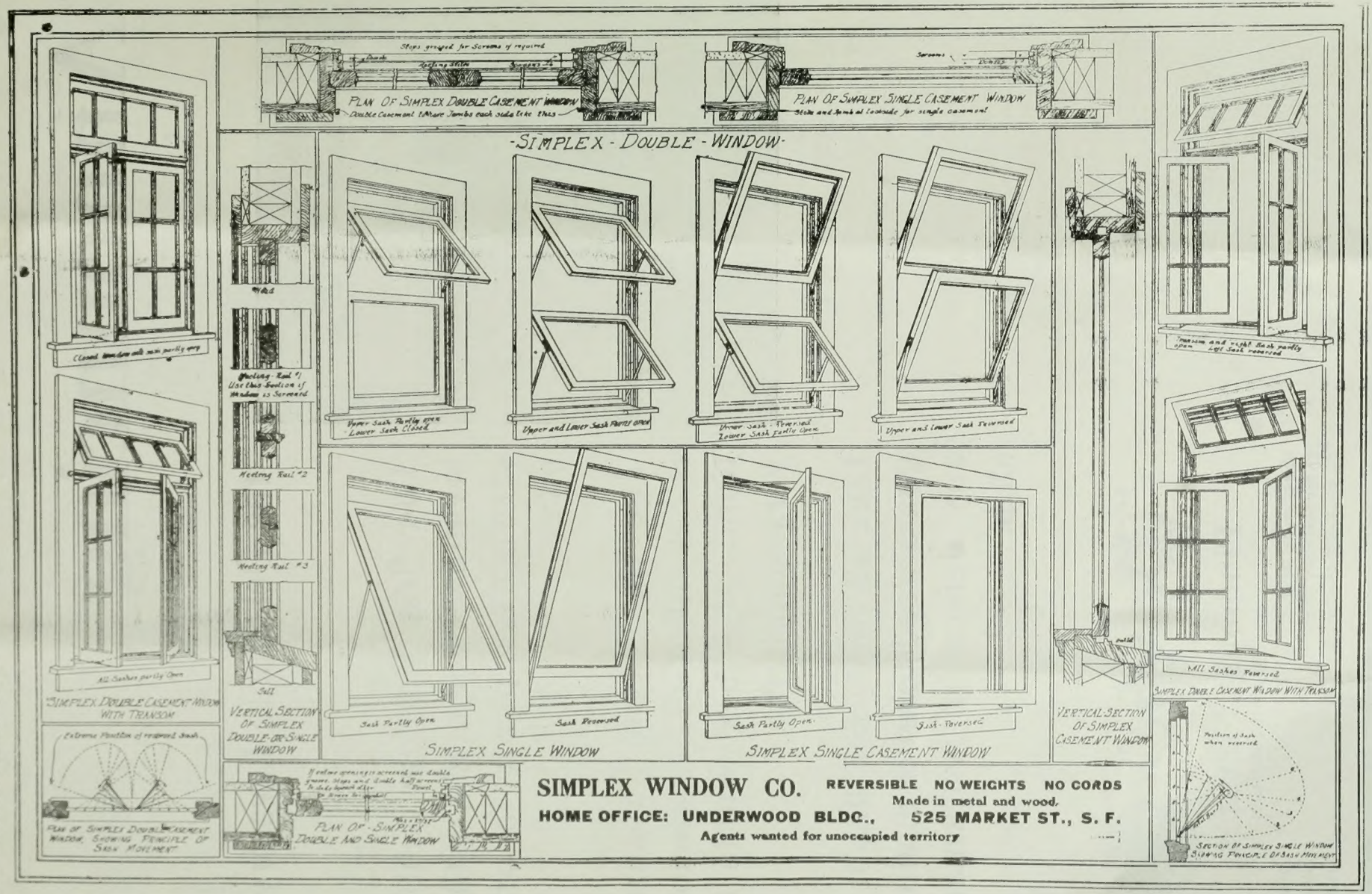
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Sill
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Sash Reversed
SIMPLEX SINGLE WINDOW
Sash Partly Open
Sash Reversed
SIMPLEX SINGLE CASEMENT WINDOW
VERTICAL SECTION OF SIMPLEX CASEMENT WINDOW
All Sashes Reversed
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All Sashes partly Open
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

Issued Weekly, $3.00 per year | San Francisco, Cal. January 3, 1917 | Seventeenth Year, No.1



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New Year Greetings.

The Building and Engineering News takes this opportunity to thank its many subscribers and advertisers for their staunch support during the past year, and to wish that every day of the New Year will be one of profit and happiness to each of its readers.

With the coming of the New Year the Building and Engineering News enters upon its 17th year of continuous publication, and it is truly gratifying to note the hundreds of steady patrons who have been loyal to the Building and Engineering News year in and year out. So in the future, the Building and Engineering News will keep in the van guard of progress—always up-to-date and reliable. As California grows and expands, so will the Building and Engineering News grow and anticipate every changing condition, always giving its readers the best of service.

The building totals for San Francisco the past years may well be considered at this time:

1900	$ 6,390,705
1901	7,437,562
1902	14,289,938
1903	14,984,514
1904	16,916,118
1905	20,111,861
1906	39,254,467
1907	50,496,499
1908	35,128,651
1909	30,411,196
1910	22,873,942
1911	24,431,268
1912	26,179,116
1913	31,753,513
1914	31,474,250
1915	19,724,850
1916	19,984,288

In addition to the above we publish the figures compiled by Chief Inspector of Buildings John P. Horgan of the Board of Public Works. These figures, which are only an estimate, are based on the number of building permits issued.

Month of December, 1916.

Class	No. of Bldgs.	Est. Cost
"A"	3	$ 234,750
"B"	6	449,000
"C"	8	80,550
Frames	112	413,718
Alterations	375	124,854
Harbor Buildings	1	43,907
Public Buildings	1	17,700
Total	506	$1,364,479

Report For Year, 1916.

Class	No. of Bldgs.	Est. Cost
"A"	24	$ 3,108,535
"B"	24	1,545,742
"C"	148	2,928,937
Frames	1787	6,561,000
Alterations	4464	2,011,973
Harbor Buildings	14	341,462
Public Buildings	29	2,041,343
State Buildings	2	298,181
Total	6492	$18,837,173

Indications for a prosperous year are visible on all sides. Work in prospect throughout California, of which we have accurate knowledge, will reach a hundred million dollars.

For San Francisco and the Bay region the sum total will exceed any previous years, excepting perhaps the time following the great fire and the year preceeding the Exposition.

In a later issue a detailed synopsis of work in prospect will be given our readers, which will be a happy surprise to many and prove our statement that 1917 will be a busy year.

INCREASING USE OF ALUMINUM IN MANUFACTURE OF AUTOMOBILES.

Metallic aluminum now competes strongly with other sheet metals and with wood in the manufacture of automobile bodies, according to reports by the United States Geological Survey, Department of the Interior. This position in the market has been attained through improvement in foundry methods for casting metallic aluminum and increase in knowledge of suitable alloys. Large sections of aluminum castings are now used in making touring cars and the inclosed bodies of certain other motor cars, a use which was not practicable ten years ago. Cast aluminum is also used for making automobile dashes. Bodies made of it are lighter than those made of other sheet metal and have a rigid surface that will not dent easily when handled. They are also safer in case of accident. The aluminum surface retains paint well, and the increased rigidity makes the car more durable.

1,500 MILES OF RAILS TO BE SENT TO FRANCE.

OTTAWA, Canada —Approximately 1500 miles of Canadian railroads will be torn up and transported to France during the next three months.

A meeting of the railroad officials of the country was held there recently to ascertain what mileage could be spared for that purpose. The rails will be used in the construction of new lines to move army supplies from the French ports to the battle line.

PRINCE RUPERT DRY DOCK IN OPERATION.

The dry dock at Prince Rupert, Canada, part of the equipment of the Grand Trunk Pacific system, and completed under the supervision of American engineers at a cost of $2,500,000, has been in use for the past six weeks. The first big ship to test the capacity of the dry dock was the 16,000-ton transport **Orbita,** built for the Pacific Steam Navigation Co. The second ship to use the dry dock was the **Otranto,** formerly of the Orient Line.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, $95,000. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, Civic Center District. Will be arranged for two and three room apartments. Plans nearly complete and figures to be called for shortly.

SAN FRANCISCO—Apartment house and stores, 2 story and base. Class C construction, $70,000. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, Sacramento street. Will contain nine stores on the first floor and a total of 92 rooms on the upper floor. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, $40,000. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name withheld. Location, Powell west Bush. Will contain 64 rooms arranged in suites of two and three rooms. Plans being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $26,000. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, 21st street near Valencia. Will contain 34 rooms arranged in two, three and four room suites. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house alteration, 2 story, frame, $5,000. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owners, California Home Building Co. Work will consist of remodeling a hall building into modern apartments and will require interior and exterior alterations, new plumbing, plastering and electric work. Plans are being prepared.

TURLOCK, STANISLAUS CO., CAL.—Apartment house and store, 2 story and base, brick, $10,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton Owner, Mr. Salberg, Turlock. Will contain one store and a number of small apartments. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, $22,000. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, West Berkeley. Will contain 45 rooms arranged in suites of two, three and four rooms. Plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL. — Apartment house and stores, 2 story and base. Class C construction, $25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, James G. Warren. Contractor, H. J. Myers, 661 South Burlingame avenue, L. A. Contract price, $25,000, general construction only.

BANKS

Contract Awarded.

FRESNO, FRESNO CO., CAL.—Bank alterations, 2 story and base, brick and steel, $15,000. Architect, Eugene Mathewson, Cory Bldg., Fresno. Owners, First National Bank. Contractor, E. Riggins, 1908 Fresno street, Fresno. Contract price, $15,000.

BONDS.

BIGGS, BUTTE CO., CAL.— A $25,000 bond issue for the construction of a new high school building will be called shortly, the present quarters being inadequate.

SEATTLE, WASH.—The City Council has adopted a resolution declaring their intention to submit a bond issue on March 6th for the purpose of improving the main streets of this city. The amount to be voted will be about $450,000. An ordinance has also been introduced to vote bonds of $450,000 for the West Waterway bridge.

SUNNYVALE, SANTA CLARA CO., CAL.—Bonds have been voted for the construction of a fire house building, and on January 23rd an election will be held to vote bonds of $12,000 for a new town hall and land for municipal buildings.

SANTA BARABARA, SANTA BARBARA CO., CAL.—A special election will be held shortly to vote on a bond issue of $250,000 for completing the East boulevard protection work, including bulkhead and paving; and $75,000 for the construction of a sewer system. Olmsted & Gillelen, Hollingsworth building, Los Angeles, have prepared plans for the sewer system.

A special election may also be called to vote bonds for the construction of a new high school building.

MADERA, MADERA CO., CAL.—The $135,000 high school bond issue has been purchased by the Lumbermen's Trust Company of San Francisco, at a premium of $15,000.

GUSTINE, MERCED CO., CAL.—An election has been called for January 15 to vote on a bond issue of $12,000 for construction of sewer system.

Bonds will be voted on the same date for the purpose of raising funds for the construction of a new water system, the estimate cost of which is $15,000.

HANFORD, KINGS CO., CAL.—Plans have been approved by the City Trustees for the installation of additional fire mains, hydrants and fire alarm boxes and a bond issue to finance the construction will be called immediately. The system will cost about $44,000.

PITTSBURG, CONTRA COSTA CO., CAL.—The Town Trustees are planning a bond issue of $80,000 for improvements which will possibly include the erection of a town hall.

SPOKANE, WASH.—At an expense of about $225,000 a cathedral will be built by the Episcopal Church of the Spokane Missionary District. A parish house four stories high will be erected.

EL PASO, TEXAS.—Bonds in the sum of $225,000 for municipal improvements carried at an election held December 19th. The issue was voted for the following purposes: $100,000 for the installation of septic tanks; $75,000 for a drainage system for surface waters; $40,000 for the extension of the city sewage system; and $40,000 for a street grading fund.

CLOVERDALE, SONOMA CO. CAL.—An election will be held January 22nd to vote bonds of $29,000 with which to raise funds for the erection of a new school building and altering the present buildings.

HILMAR, MERCED CO., CAL.—The trustees of the Hilmar Colony Union High School District have called an election for January 23rd at which will be submitted the question of voting bonds of $15,000 for the purpose of raising money for the construction of a new school building.

BRIDGES AND DAMS.

SAN FRANCISCO—Wharf and bulkhead, timber and concrete. Cost not stated. Engineer, Chief Engineer, Ferry Bldg., S. F. Owners, State of California. Bids will be opened on January 11th at 11 a. m. for construction of a timber and concrete pier to be known at Pier No. 3 and adjacent bulkhead wharf and passenger pier to the south of Pier No. 3.

RICHMOND, CONTRA COSTA CO., CAL.—Rock fill, $26,000. Engineers, Haviland & Tibbetts, Alaska-Commercial Bldg., S. F. Owners, City of Richmond. Upon the recommendation of City Attorney D. J. Hall the City Council has rejected the bid of the Healy-Tibbitts Construction Co., for installing the new rock fill adjoining the municipal wharf at a cost of $26,000. A new call for bids for the work was ordered by the board, the bids to be opened January 9th.

RIVERSIDE, RIVERSIDE CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Riverside. Owners, Riverside County. At the last meeting of the Riverside County Supervisors, plans and specifications for the Cottonwood Canyon bridge were adopted and bids on same will be opened at 11 a. m. January 17, 1917.

CHURCHES.

Contract Awarded.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Church, 2 story and base, Class B, $55,000. Architect, Roland F. Sauter, San Marcos Bldg., Santa Barbara. Owners, First Presbyterian Church. Contractors, W. E. Kier Construction Co., American Bank Bldg., San Diego. Contract price, $55,000.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Warehouse addition, 2 story, brick and steel, $1,000. Architect, none. Owner, J. C. Everding, 80 Clay street, S. F. Location, 80 Clay street. Plans complete and work being done by Day Labor.

SAN FRANCISCO — Factory and warehouse, 1 and 2 story, reinforced concrete, $30,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, H. Levi & Co., leased to Ogden Packing Co. Location, Crook and Lusk streets, covering a considerable ground area. Besides the building, plans provide for a large reinforced concrete loading platform. Plans are being prepared.

OAKLAND, CAL. — Warehouse, 2 story and base, brick, $2,500. Architect, none. Owner, Man Sang Co., 395 9th street, Oakland. Location, 395 9th street. Will cover but a small area. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Warehouse and wharf, 1 story, mill construction, $30,000. Engineer, City Engineer, Oakland. Owners, City of Oakland. Location, foot of Clay street, covering an area of 80 by 300 feet. Preliminary plans only started. Further mention will be made of the work.

FRESNO, FRESNO CO., CAL.—Warehouse and offices, 1 and 2 story, brick and steel, $100,000. Architects, Glass & Butner, Republican Bldg., Fresno. Owners, Pacific Coast Grocery Co., W. B. Wellman, President, S. F. Location, Ventura and P streets, covering an area of 133 by 200 feet. Plans nearly complete and figures to be called for shortly.

LOS ANGELES, CAL.—Factory, 2 story and base, reinforced concrete, $150,000. Architect, H. C. Hengels, Milaukee, Wis. Owners, Arrowhead Spring Co., 801 South Hill street, L. A. Location, Compton avenue and Washington street, covering an area of 70 by 120 feet, with an L 60 by 120 feet. Plans are being prepared..

SEATTLE, WASH.—Factory, 5 story and base, mill construction. Cost not stated. Architect's name not given. Owners, Bemis Bros.' Bag Co. Contractors, Black Construction Co., Alaska Bldg., Seattle. Contract price not stated. Note: Building will cover an area of 75 by 165 feet.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Packing plant, 1 and 2 story and base reinforced concrete, $100,000. Architect, none. Owners, Moran & Co., 83 Bluxome street, S. F. Will contain warehouse, factory and offices. Plans are being prepared.

Contract Awarded.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Shops, 2, 1 story, brick and steel, $65,000. Engineer, Engineering Department Santa Fe Railroad Co., L. A. Owners, Santa Fe Railroad Co. Contractor, The William Sampson Construction Co., Marsh-Strong Bldg., L. A. Contract price, $65,000.

LOS ANGELES, CAL.—Factory, 2 story and base, brick. Cost not stated. Architect, Richard D. King, Van Nuys Bldg., L. A. Owner, R. W. Pridham Co. Contractors, The Pozzo Construction Co., 421 Macy street, L. A. Contract price not stated. Note: Building will cover an area of 200 by 300 feet.

FIRE HOUSES AND JAILS.

SAN RAFAEL, MARIN CO., CAL.—Fire house, 2 story and base, reinforced concrete, $12,000. Architects, Masten & Loubet, First National Bank Bldg., S. F. Owners, City of San Rafael. All bids recently opened for this work have been rejected and plans are now being revised. New bids will be called

FLATS.

SAN FRANCISCO—Flats and store, 3 story and base, frame, $9,500. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner's name not given. Location, 42nd avenue, Sunset District. Will contain small store and two modern flats. Plans nearly complete and figures to be called for shortly.

SAN FRANCISCO—Flat alteration, 2 story and base, frame, $3,000. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner's name withheld. Location, 18th avenue, Sunset District. Work will consist of altering the two-story frame residence into two modern five room flats. Plans being prepared.

GARAGES.

Contract Awarded.

SAN FRANCISCO—Garage and sales room, 2 story and base, reinforced concrete, $32,000. Architect, none. Owner's name not given. Contractor, J. D. Hananh, Chronicle Bldg., S. F. Contract price, $32,000.

LOS ANGELES, CAL.—Garage and Factory, 2 story and base. Class C construction. Cost not stated. Architect, John C. Austin, Baker-Detwiler Bldg., L. A. Owner, Frank P. Ewing, leased to Grier-Robinson Co. Contractor, Charles D. Wagner, Story Bldg., L. A. Contract price not stated.. .

GOVERNMENT WORK & SUPPLIES.

Prospective Bidders

Specification for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Bakersfield, Cal., Construction, January 15.

National Flooring Co., Los Angeles, Cal.

Eugene Schiller, 951 South Flower street, Los Angeles, Cal.

Welch Bros. & Hannaman, Kalispell, Mont.

Grant Fee, Portland, Ore.

W. D. Lovell, 1415 8th street southeast, Minneapolis, Minn.

W. H. Fissell & Co., Marbridge Building, New York, N. Y.

Frank Gallagher, 180 Jessie street, San Francisco, Cal.

J. M. Dougan Co., Hearst Building, San Francisco, Cal.

National Fireproofing Co., Washington, D. C.

Greene, Macdonald & Co., Call Building, San Francisco, Cal.

Frederick J. Amweg, Marston Building, San Francisco, Cal.

P. J. Reilly, 180 Jessie street, San Francisco, Cal.

Mare Island, Cal., Cranes.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., December 18, for furnishing 2 fitting out cranes for the Mare Island navy yard.

Item 1, 2 cranes delivered and erected on foundations furnished by the Government. 2, 2 cranes f. o. b. works. 3, price per working days of 8 hours for services of a competent engineer to superintend erection.

Victor R. Browning & Co., 17701 Lakeshore Blvd., Cleveland, O., item 1, $22,000 ea, 365 days.

McMyler Interstate Co., Bedford, O., item 1, $18,993, 275 days; 2, $59,795, 210 days; 3, $16.

Heyl & Paterson, 50 Water street, Pittsburgh, Pa., item 1, $55,176, 280 days; 2, $39,135, 250 days; 3, $14.

Edward F. Terry Mfg. Co., Grand Central Terminal Building, New York city, item 1, $41,990, 280 days; 2, $34,490, 210 days; 3, $16.

Ellensburg, Wash., Furniture.

The contract for installing furniture in the U. S. post office at Ellensburg, Wash., has been awarded to the Nachtegall Mfg. Co., Grand Rapids, Mich., at $1,327.

Grand Junction, Colo., Lighting Fixtures.

The bid of F. Storsberg Co., Newark, N. J., amounting to $2,429.53, has been accepted for installing lighting fixtures in the U. S. post office at Grand Junction, Colo.

Miles City, Mont., Metal Counter and Gate.

The contract for furnishing and installing a metal counter and gate in the U. S. post office at Miles City, Mont., has been awarded to the Crown Metal Construction Co., Jamestown, N. Y., at $485.

Billings, Mont., Furniture.

The custodian, U. S. post office, Billings, Mont., received the following bids for one parcel post package case:

Jacob Beitzel & Sons, York Pa., $100, delivery, 80 days.

Federal Equipment Co., Carlisle, Pa., $94.

Billings Cabinet Co., Billings, Mont., $75.

Nachtegall Mfg. Co., Grand Rapids, Mich., $75.

Budde & Weis Mfg. Co., Jackson, Tenn., $70, delivery, $90 days.

Idaho Falls, Idaho, Post Office Furniture.

The custodian of the post office, Idaho Falls, Idaho, received the following bids for installing furniture in the post office at Idaho Falls:

John E. Sjostrom Co., Philadelphia, Pa., $130, 60 days.

Budde & Weis Mfg. Co., Jackson, Tenn., $140, 90 days.

Nachtegall Mfg. Co., Grand Rapids, Mich., $140, 70 days.

Federal Equipment Co., Carlisle, Pa., $167, 90 days.

Maly & Son, Cincinnati, O., $200, 100 days.

Riverside, Cal., Post Office Furniture.

The following bids were received by the custodian, post office, Riverside, Cal., for installing furniture:

Fred W. Osborne, 305 9th street Riverside, Cal., $30, 14 days.

[redacted]

Pender Manzanita, Repairs.

[redacted] Works, [redacted] optional [redacted] Shipbuilding Co., Alameda, $1,857.80, $579.80 optional, 20 days.

[redacted] Works, Portland, Ore., $1,900.90, $571.90, optional.

Portland Iron Works, Portland, Ore., [redacted]

[redacted] concrete dam, laying water main, [redacted] previously received show the work will cost in the neighborhood of $80,000. An [redacted] Pacific Builder.

All construction at Fort McArthur, near Los Angeles, will be in charge of Major Newton, [redacted] shortly.

Revised plans for the Ocean Boulevard [redacted] forwarded to Washington for approval. The earth fill over Lobos Creek will be replaced by an ornamental reinforced concrete viaduct 200 feet long, 20 feet wide and 50 feet high. This structure will be carried on concrete piers with concrete tie beams with a concrete rail.

The Bureau of Yards and Docks at Washington, D. C., has informed Captain C. N. [redacted] U. S. N., in charge of the Machinery Department at Mare Island, that the bids for the Krupp type of machine shop to be erected at the north end of the government establishment will be opened in Washington either on February 5th or 12th. The shop will be 110 by 128 feet and will be a modern reinforced concrete structure.

HOSPITALS.

OAKLAND, CAL.—Hospital, 3 story and base. Class A construction, $150,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Providence Hospital. Location, block bounded by East 19th and East 20th streets, 5th and 6th avenues. Only preliminary plans have been prepared and details cannot be given until more advanced plans are prepared.

AGNEWS, SANTA CLARA CO., CAL.—Hospital cottage, 1 story, frame. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Plans are complete and figures are now being taken for a one-story open air cottage.. Bids will be opened on January 16th at 12 noon. An official proposal appears in another column of this issue.

Contract Awarded.

SAN FRANCISCO [redacted] completion.' Class B construction, $13,723. Architect, August G. Headman, Call- [redacted] S. F. Owners, City and County of San Francisco. Contractor, [redacted] Sutter street, S. F. Contract price, $13,723.

HOTELS.

TUOLUMNE STANISLAUS CO., CAL.—Hotel alterations, 2 story, brick, $5,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mr. Tuolumne. Work will consist of interior alterations and the installation of a steam heating system. Plans are complete and figures being taken.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, Miss Cora Lane. Location, Stewart near 7th street, covering an area of 37 by 100 feet. Will contain 60 rooms and eight baths. Plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL.—Hotels, 2, 11 story and base. Class A construction, $1,100,000. Architect, Charles H. Kysor, Wright and Callender Bldg., L. A. Owner, H. W. Bryson. Location, Wilshire boulevard, between Coronado and Carondelet. Contractors F. O. Engstrom Co., L. A. Contract price, $1,100,000.

PORTLAND, ORE.—Hotel, 15 story and base. Class A construction, $750,000. Architect, D. L. Williams, Chamber of Commerce Bldg., Portland. Owner's name withheld. Location, western part of city. Only preliminary plans for this work have been prepared and details will be given when the work has progressed far enough to justify the architect in announcing the location [redacted] name of the owner.

POST OFFICES.

WENATCHEE, WASH.—Post office, 2 story and base, brick, steel and stone. Cost not stated. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. All bids received for this work have been rejected and new figures are now being taken. Bids will be opened on January 19th.

PAVILIONS

SAN FRANCISCO Pavilion, reinforced concrete. Cost not stated. Architect not selected. Louis Parente, a partner of Parente Bros., 592 Pacific street, is about to close a lease on the property at the southwest corner of Tenth and Market streets, 160 by 160 feet, on which he and several associates intend to construct a large pavilion. Construction will be of reinforced concrete and steel. The seating capacity is to be in the neighborhood of 10,000 people. Further mention will be made of this work when the lease is closed.

PORTLAND, ORE.—Stadium and exhibit barns, reinforced concrete. Cost as follows. Architect, Lewis I. Thompson, Corbett Bldg., Portland. Owner, State of Oregon. Plans are being com- [redacted] for the proposed stadium improvements for the annual livestock exhibitions at the stockyards. The building committee is now completing the details of financing the project, which will represent an ultimate cost of $ 50,000. The first unit contemplated will comprise the stadium, 200 by 500 feet, and two stock barns, each 100 by 200, and of fireproof construction. The stadium will house an arena 100 by 200, with amphitheatre seats banked around the sides, seating 7,000. Contract work on the first three structures will probably be undertaken early in the year to cost about $150,000.

POWER PLANTS.

HANFORD, KINGS CO., CAL.—Water mains, etc., $44,000. Engineer, City Engineer Edward Lynch, Glendale Owners, City of Hanford. The City Trustees have accepted the plans and specifications prepared by Engineer Edward Lynch for the construction of additional fire mains, hydrants and fire alarm boxes. A bond election will be called immediately to raise funds for the proposed system.

Contract Awarded.

MERCED, MERCED CO., CAL. — Water system improvements. Cost as follows. Engineer's name not given. Owners, Crocker-Huffman Land and Water Co., Merced. The agreement between the Crocker-Huffman Land and Water Company and the Chicago Bridge and Iron Works for the building of the steel water tanks and other improvements for the new water system of Merced has been filed with County Recorder Ivers. The contract price is $19,800 exclusive of the concrete foundations, which will be erected by W. H. McElroy & Son under a subcontract. The tank will be erected on a site near the present booster station on Bear Creek, and the contract calls for their completion by May 18, 1917. The tank will be supplied by wells and will replace the reservoir water now taken from Yosemite Lake.

BLYTHE, SAN BERNARDINO CO., CAL. — Water system improvements. Cost as follows. Engineer's name not given. Owners, Palo Verde Mutual Water Co. Mesmer & Rice, Marsh-Strong Bldg., L. A., were the lowest bidders and were awarded the contract at $25,000 for the construction of an intake gate, control weir and sluice gate for the Palo Verde Mutual Water Co. The work will involve the excavation of 1,000 cubic yards of rock, 300 cubic yards of concrete work, placing 47,000 pounds of structural and reinforcing steel, and 105,000 feet, B. M., of timber.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 1 story and base, frame, $2,000. Architect, none. Owner, Louis Johnson, 27 Richland avenue, S. F. Location, west 19th avenue north Santiago. Each house will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 1, 2 story and 1, 1 story and base, frame, $4,000 each. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, Ingleside Terrace. Each house will contain seven rooms, two baths and separate garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 16, 2 story and base, frame $3,000 each.. Ar-

chitect, none. Owner, C. S. Allred, 150 Onondago avenue, S. F. Location, northwest Cabrillo and 22nd avenues. Each house will contain eight rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $2,000. Architect, none. Owners, Costello and Feerick, 204 San Carlos avenue, S. F. Location, east 17th avenue south Balboa. Will contain five rooms and bath.. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Verne Bildane, 6243 College avenue, Oakland. Location, east Claremont north 59th street. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame, $2,000 each. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, 1508 and 1512 Verdi. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, F. J. Judge, 1824 8th street, Alameda. Location, 1824 8th street. Will contain six rooms,, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, C. B. Roberts, 1823 Curtis street, Berkeley. Location, south Hearst avenue near Curtis. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, W. H. Wheeler, 2101 Woodbine avenue, Oakland. Location, south Woodbine avenue west Fruitvale. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

MANTECA, SAN JOAQUIN CO., CAL.—Bungalows, 14, 1 story and base, frame, $1,800 to $2,400. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Spreckels Sugar Refinery Co. Eight of these houses will contain six rooms each and six of four and five rooms. Plans are being prepared and figures will be called for shortly.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owners, Dow and Cannon, Fresno. Location, Belmont Addition. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $4,800. Architect, none. Owners, Banning & Stewart Construction Co., 5204 Desmond street, Oakland. Location, north Mandana Boulevard near Lakeshore Drive. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,000. Architect, Alvin J. Stern, 306 14th street, Oakland. Owner, Mr. Bartels. Location, Lakewood Park. Will contain seven rooms, bath and sleeping porch. Plans complete and figures being taken.

SAN FRANCISCO—Residence, 1 story and base, frame, $3,000. Architect, none. Owner, F. F. Peck, 5444 Manila avenue, Oakland. Location, east 23rd avenue south Judah. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owners, Alta Vista Homes Co., Fresno. Location, Alta Vista Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story, frame, $1,500. Architect, none. Owner, A. D. Atkins, 743 Weldon street, Fresno. Location, Bartlett Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Fred Hambelton, 575 43rd street, Oakland. Location, west 13th avenue north East 27th street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor..

SCHOOLS.

CLOVERDALE, SONOMA CO., CAL.—School, 1 story and base, reinforced concrete, $28,000. Architect, Ernest L. Norberg, Bank Bldg., Burlingame. Owners, Cloverdale School District. Will contain seven class rooms and an auditorium. Plans being prepared. Bonds election to be called for shortly.

COLUSA, COLUSA CO., CAL.—School, 1 story and base, brick and steel, $70,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Colusa Union High School District. Will contain fourteen class rooms and an auditorium. Plans complete and figures to be called for in about three weeks.

WASHINGTON, YOLO CO., CAL.—School, 1 story and base, reinforced concrete, $30,000. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Washington School District. Will contain six class rooms and an assembly hall. Plans being prepared. Construction depends on a bond election which is to be held on January 24th.

Contract Awarded.

MODESTO, STANISLAUS CO., CAL.—School, 1 story and base, hollow tile, $35,000. Architects, De Remer & Hewitt, Title Insurance Bldg., L. A. Owners, Modesto School District. Contractor, W. A. Stevens, R. F. D. No. 4, Modesto, general construction, $27,809.38. The Turner Hardware Co., Modesto, plumbing, etc., $9,531.50.

SEWERS, STREET WORK & WATER SYSTEMS.

MILL VALLEY, MARIN CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Mill Valley. Owners, Mill Valley. Bids will be opened on January 8th at 8 p. m. for street improvements authorized under the following resolutions: That Throckmorton avenue, from the southwest line of Miller avenue, projected northeast to the northeast line of Cascade Drive, be improved as follows: [illegible] curbings, be constructed and the roadway be paved with 2-inch bituminous [illegible] inch hydraulic concrete base of various widths.

That portions of Miller, Throckmorton, Bernard, Corde Madera and Blithdale avenues and portion of county road, etc., be graded; construct concrete curbs and gutters of hydraulic concrete; concrete sidewalks; a reinforced concrete sidewalk bridge; that culverts of corrugated iron, of cast iron and of vitrified pipe, with branches; concrete storm water catch basins with cast iron frame and gratings; survey monuments, and concrete park curbings, pave with two and three inch bituminous concrete wearing surface laid on a four-inch hydraulic concrete base of various widths.

OAKLAND, CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on January 11th at 12 noon for street work authorized under the following resolutions: That 15th street, from Market street to Adeline street, and from Kirkham street to the east line of Peralta street, be graded, curbed with concrete, paved with asphalt and guttered with brick gutters 14 inches wide; also that six brick catch basins, three brick manholes, two sewers, having internal diameters of 8 inches; six conduits, having internal diameters of 10 inches; a lamp hole with brick and cast iron top, and Y branches having 5-inch openings. All conduits, sewers, Y branches and lamp holes (excepting the tops of the lamp holes) shall be constructed of vitrified sewer pipe.

BERKELEY, ALAMEDA CO., CAL.—Motor trucks. Cost noted. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. Bids will be opened on January 12th at 10 a. m. for furnishing two motor trucks for use in the street department.

MODESTO, STANISLAUS CO., CAL.—Road construction. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be received up to 2:30 p. m. of January 9, by the Board of Supervisors for constructing a roadway from Modesto to the town of Empire a distance of 4.4 miles. The road will be of cement concrete 16 feet wide, and involves 9,000 cubic yards grading and three metal culverts. E. H. Annear is the County Engineer.

TAFT, KERN CO., CAL.—Street paving. Cost not stated. Engineer, Edard M. Lynch, Glendale. Owners, City of Taft. Engineer Edward M. Lynch has been selected by the Taft Trustees to prepare figures, showing the probable cost of paving Main, Center, Kern, Fourth and Sixth streets. This work will be placed under way as soon as possible as the Trustees have been discussing the improvement during the past eight months.

HANFORD, KINGS CO., CAL.—Highway construction. Cost not stated. En-

January 9th.

concrete. Cost not stated. Engineer, Council plans and specifications were head on the bank of the Napa River in The City Clerk was instructed to advertise for bids on the work.

Engineer, City Engineer, Fresno. Owners, City of Fresno. The Board of Trustees has ordered the improvement of the alley in block 88, Fresno, from Stanislaus street to Calaveras street, by grading and paving with 4-inch cement concrete base and bitulithic wearing surface, and constructing redwood curbs. Plans and specifications on file at the office of the City Clerk.

MODESTO, STANISLAUS CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Modesto. Owners, City of Modesto. The City Council has directed City Engineer Freitas to prepare plans and specifications for paving 10th street, from L to Needham avenue. After this work is completed the Council will order plans prepared for the paving of 11th, 12th and 13th streets.. On completion of plans bids

Street paving. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. A misunderstanding among the signers of the petition of the property owners for the paving of 20th street, resulted in the rejection of all bids by the Council. New bids will be called for within the next few weeks.

EUREKA, HUMBOLDT, CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Eureka. Owners, City of Eureka. At the last meeting of the City Council, the City Engineer was instructed to prepare plans and specifications for connecting Myrtle avenue with the C street sewer.

Cost not stated. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Bids will be opened on January 31st for furnishing motor busses for use in Golden Gate Park.

Contract Awarded.

—Sewer construction. Cost not stated. Engineer, City Engineer, San Leandro. Owners, City of San Leandro. The City Trustees have awarded a contract to Manuel Nunes for the following work: That Hepburn street be sewered with a 6-inch (internal diameter) sewer pipe, from Hepburn

160 feet easterly from the easterly line of Washington avenue; also that a lamp hole, having a top of cast iron and brick, be constructed at the easterly end of aforesaid sewer.

CALEXICO, IMPERIAL CO., CAL.—Street and sewer construction, $115,566.35. Engineer, City Engineer, Calexico. Owners, City of Calexico. Contractors, Federal Construction Co., Sharon Bldg., S. F. Contract price, $115,566.35.

VENTURA, VENTURA CO., CAL.—Street improvement, $26,340.49. Engineer, City Engineer, Ventura. Owners, City of Ventura.. Contractor, H. H. Hudson, Trust and Savings Bldg., L. A. Contract price, $26,340.49.

LOS ANGELES, CAL. — Street improvement, $31,066.33. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Contractors, Tryon & Brain, Merchants' Trust Bldg., L. A. Contract price, $31,066.33.

SAN FRANCISCO Street improvements. Cost as follows. Engineer, City Engineer, City Hall. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works as follow: The improvement of Coleridge street, between Powers avenue, produced, and Fair avenue, produced easterly, by the construction of granite curbs, by resetting the existing granite curbs, by the construction of artificial stone sidewalks, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface. Awarded to J. F. Dowling, Russ Bldg., for $2,499.63.

The improvement of Coleridge street, between Esmeralda avenue, produced, and Fair avenue, where not already improved, by the construction of granite curbs, basalt block gutters, a basalt block pavement on sand with a gravel filler on the roadway thereof. Awarded to J. F. Dowling, Russ Bldg., for $978.90.

SAN FRANCISCO—Dressing curbs, $3,767.40. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contractors, McGilvray-Raymond Granite Co. Contract price, $3,767.40.

NAPA, NAPA CO., CAL.—Road roller, $3,150. Engineer, City Engineer, Napa. Owners, City of Napa. Contractors, Austin Western Road Machinery Co., 20 Fremont street, S. F. Contract price, $3,150.

RICHMOND, CONTRA COSTA CO., CAL.—Street improvements, $2,992.48. Engineer, City Engineer, Richmond. Owners, City of RRichmond. Contractor, John Ward, 436 13th street, Richmond. Contract price, $2,992.48.

MEXICALI, IMPERIAL CO., CAL.—Highway cutoff, $93,000. Engineer, County Surveyor, El Centro. Owners, Imperial County. Contractors, R. P. Shields & Son, San Diego. Contract

STORES AND OFFICES.

SAN FRANCISCO—Department store alterations, 4 story. Class A construction, $12,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, M. Meyerfeld, leased to Livingston Bros. Location, northeast Geary and Grant avenue. Work will consist of interior partitions, mill work, electric work and plumbing. Plans are being prepared.. .

FRESNO, FRESNO CO., CAL.—Stores and offices, 6 story and base. Class A construction, $165,000. Architect, Eugene Mathewson, Corey Bldg., Fresno. Owner, Mrs. Nellie Mason. Location, J. street, covering an area of 150 by 100 feet. Will contain a number of stores on the ground floor and about 150 modern offices on the upper floors. Plans are complete and figures being taken. Bids open on January 15th.

TURLOCK, SAN JOAQUIN CO., CAL.—Store, 1 story, mezzanine and base, brick, $20,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Turlock Mercantile Co. Entire building will be devoted to the use of the owners. Plans are being prepared.

ESCALON, SAN JOAQUIN CO., CAL.—Market, 1 story and base, brick, $4,000. Architect, Ralph. P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Frank Boone. Will cover an area of 25 by 50 feet.. Plans complete and figures being taken.

Contract Awarded.

SAN FRANCISCO—Stores and lofts, 6 story and base, reinforced concrete, $100,000. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Regents of the University of California, leased to Buckingham & Hecht. Contractors, Clinton Freproofing Co., 140 Townsend street, S. F. Contract price, $100,000 including $10,000 compensation.

SAN DIEGO, SAN DIEGO CO., CAL.—Stores and lofts, 2 story and base. Class A construction, $33,000. Architect, J. B. Lyman, Timken Bldg., San Diego. Owners, Peters Investment Co., Contractors, W. E. Kier Construction Co., American Bank Bldg., San Diego. Contract price, $33,000.

THEATRES.

SAN FRANCISCO—Theatre, 1 story and base, reinforced concrete, $85,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, J. R. Saul. Location, south Clement east 8th avenue, covering an area of 75 by 150 feet. Will seat 1600 people. Fireproof throughout. Plans being prepared.

SEALED PROPOSALS

NOTICE TO CONTRACTORS.

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, December 26, 1916.

Sealed proposals or bids will be received at this office at or prior to **11 o'clock a. m., Thursday, January 11, 1917,** for furnishing materials and constructing a pier (to be known as Pier No. 3) and adjacent Bulkhead Wharf and Passenger Pier to the south of Pier No. 3, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board December 7, 1916, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of creosoted piles and Portland cement (which will be furnished to the contractor by the Board), green piles, Douglas fir lumber, sand, crushed rock and gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, car springs, rails and fastenings, etc. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and

test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, and is accompanied by a certified check for an amount equal to Five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within Six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the amount payable by the terms of the contract, with a Corporation thereunto duly authorized by law and commonly known as a surety company, as surety, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded fails to pay for any materials or supplies furnished for the performance of the work contracted to be done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefit of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to **11 o'clock a. m., on Thursday, January 11, 1917,** at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of bids.

Plans and specifications of this work to be had at Room 18, Union Depot and Ferry House, upon depositing $20.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bids: "Bid for Pier No. 3."

J. J. DWYER,
THOMAS S. WILLIAMS,
J. H. McCALLUM,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
LEO V. MERLE, Jr.,
Secretary.

PROPOSALS FOR TELEPHONE LINES.

TELEPHONE LINES—Sealed proposals indorsed "Proposals for Telephone and Power Transmission Lines" will be received at the bureau of yards and docks Navy Department, Washington, D. C., until **11 o'clock a. m. January 15, 1917,** and then and there publicly opened, for a telephone cable connection between the Pacific coast torpedo station, Keyport, Wash., and the Puget Sound Navy Yard; also an electric power transmission line from the Olympic Power Company's pole line to the radio building at the above named torpedo station. Plan and specification can be obtained on application to the bureau or to the commandant of the navy yard named. F. R. HARRIS, chief of bureau.

The time of opening of proposals for telephone and power transmission lines under specification No. 2284 at the navy yard, Puget Sound, Wash., is hereby extended to **11 o'clock a. m. January 15, 1917.** F. R. HARRIS, chief of bureau of yards and docks.

PROPOSALS FOR GATES, ETC.

GATES, CYLINDER—Department of the Interior, U. S. Reclamation Service, Washington, D. C., December 9, 1916.—Sealed proposals will be received by the United States Reclamation Service at Denver, Colo., until **2 o'clock p. m. January 10, 1917** and will at that hour be opened, for furnishing butterfly and cylinder gates for Flathead project, Montana. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. DAVIS, chief engineer.

PROPOSALS FOR Q. M. SUPPLIES.

FORT MASON Q. M SCHEDULE 156—Office Depot Quartermaster, Fort Mason, San Francisco Cal.—Sealed proposals will be received here until **January 10, 1917,** under schedule 156 for furnishing 200 quarts muriatic acid, 119 tin boilers, 3,800 machine bolts, 60 stove bolts, 26,000 blocks of books (scratch), 24 bit braces, 50 breechings, 18 bridles 72 floor brushes, 100 tin oil cans, 400 yards cotton canvas, 1,000 tabor cards, 50 pounds lump chalk, 244 curry combs, 30 pounds calking cotton, 36 horse covers, 136 cuspidors, 24 oil heaters, 24 handcuffs, 100 dozen handles, 96 bottles numbering ink, 48 branding irons, 150 square feet leather, 400 pounds skirting leather, 6600 pounds steel wire nails 250 pounds iron nuts, 500 gallons cylinder oil, 30 gallons paraffin oil, 348 collar pads, 100 reams note paper, 400 quires sand paper, 300 gallons red paint, 300 pounds Prussian blue, 100 gallons boiler and stack paint, 500 pounds lampblack (in oil), 350 pounds chrome yellow, 400 gallons ready mixed paint, 72 boiler plugs 60 addressing-machine ribbons, 17 dozen fire shovels, 36 sheets tin, 550 harness straps 144 pounds upholsterers' tacks, 36 steel squares, 100 folding tables, 250 pounds jute twine, 50 gallons coach varnish, 50 gallons copal varnish, and 3,000 pounds zinc plates. For further information address JOHN T.. KNIGHT, col., Q. M. corps D. Q. M.

PROPOSALS FOR PANAMA CANAL SUPPLIES.

PANAMA CIRCULAR 1109 — Proposals for Galvanized Steel, Terneplate, Spring Steel, Drill Rods, Pig Iron, Pig Lead, Pig Tin, Sheet Brass, Copper Tubing, Bolts, Rivets, Nails, Taper Pins, Bits, Augers, Dies Chisels, Pipe Cutters, Bolt Cutters, Saw Blades, Steel Clamps, Foundry Brushes, Riddles, Grindstones, Clocks, Detonators, Pantasote, Mattress Ticking, Mattress Tufts, Twine, Thermometers,Knife Erasers, Penholders, Rubber Bands, Memorandum Books, Paper, Rock Salt, Silica Sand, Silica Wash, Pitch, Muresco, Muralite, Liquid Filler, White Zinc, Copper Paint and Douglas Fir Crossties.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. January 11, 1917,** at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 1109) may be obtained from this office or the offices of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Forum Building, Sacramento, California, **up to and including 12 o'clock, noon, Tuesday, January 16, 1917, said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the complete construction and erection of "Open Air Cottages," Agnews State Hospital, Agnew, California,** in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, a bidder's bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Fifteen ($15.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for "Open Air Cottage," Agnews State Hospital, Agnew, California."

(SIGNED) W. F. McCLURE,
State Engineer. (*)

INVITATION FOR PROPOSALS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., December 9, 1916.—SEALED PROPOSALS will be opened in this office **at 3 P. M., January 22, 1917,** for the construction, complete, of the United States Post Office at Richfield, Utah. Drawings and specifications may be obtained from the custodian of the site at Richfield, Utah, or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect. (*)

SHASTA COUNTY GETS IRRIGATION SYSTEM.

The Railroad Commission has issued an order,subject to certain conditions, authorizing E. G. Hopson to proceed with the construction of an irrigation system in Shasta county. This project is designed to irrigate about 3000 acres of land lying upon Stillwater plain near Redding. E. G. Hopson estimates the cost of the system at $89,390. He and his associates propose to finance this enterprise without the issue of stock or bonds.

CALIFORNIA HIGHWAYS.

SACRAMENTO, Cal.—The State highway commission, in a report filed with Governor Hiram W. Johnson stated that with the completion of contracts for 153 miles of road recently let under the $18,000,000 bond issue, 1562 miles of State highway would be completed. The complete State highway, under the original plan, would consist of 3300 miles, exclusive of two or three laterals authorized at a cost not to exceed $3,000,000 under the $15,000,000 bond issue. The report states the remainder of the proposed State highway can be completed under the $12,000,000 available.

A recapitulation of what the State has received for the $18,000,000 outlay shows the following mileage constructed by the commission:

Concrete base thin bituminous covering 941.88 miles; concrete base, Topeka surfacing, 18.08; concrete base, asphalt surfacing, 5.41; macadam, Topeka surfacing, 16.54; macadam oiled, 158.46; asphaltic concrete, 10.37; bridges, .84; graded only, 410.65; making a total of [illegible] miles of State highway.

FOREIGN TRADE FOR NEXT YEAR.

WASHINGTON, D. C.—The prospect is that foreign trade for the year 1917 will total $7,800,000,000 was announced by the department of commerce.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

RESIDENCES—2 1 story and base, frame, $7,000. San Francisco. Architect, none. Owner, Louis Johnson 27 Richland avenue, S. F. Location, west 19th avenue north Santiago. Each house will contain five rooms, bath and garage. Plans complete and work to be done by Day Labor.

RESIDENCES—4, 2 story and 1, 1 story and base, frame, $4,000 each. San Francisco. Architect, Joseph A. Leonard, 55 Cerritos avenue, S. F. Owners, Urban Realty Improvement Co. Location Ingleside Terrace. Each house will contain seven rooms, two baths and separate garage. Plans complete and work to be done by Day Labor.

RESIDENCES—16, 2 story and base, frame, $3,000 each. San Francisco. Architect, none.. Owner, C. S. Allred, 150 Onondago avenue, S. F. Location, northwest Cabrillo and 22nd avenues. Each house will contain eight rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,000. San Francisco. Architect, none. Owners, Costello & Feerick, 204 San Carlos avenue, S. F. Location, east 17th avenue south Balboa. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect, none. Owner, F. F. Peck, 5444 Manila avenue, Oakland. Location, east 23rd avenue south Judah. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE 3 story and base, frame $26,000. San Francisco. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, 21st street near Valencia. Will contain 34 rooms arranged in two, three and four room suites. Plans are being prepared.

FACTORY AND WAREHOUSE — 1 and 2 story, reinforced concrete, $30,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, H. Levi & Co., leased to Ogden Packing Co. Location, Crook and Lusk streets, covering a considerable ground area. Besides the building plans provide for a large reinforced loading platform. Plans are being prepared.

WAREHOUSE ADDITION—2 story, brick and steel, $4,000. San Francisco. Architect, none. Oner, J. C. Everding, 80 Clay street, S. F. Location, 80 Clay street. Plans complete and work being done by Day Labor.

FLATS AND STORE—3 story and base, frame, $6,500. San Francisco. Architect, O. R. Thayer, 240 Montgomery St., S. F. Owner's name not given Location, 42nd avenue, Sunset District. Will contain small store and two modern flats. Plans nearly complete and figures to be called for shortly.

FLAT ALTERATION—2 story and base, frame, $3,000 San Francisco Architect, O R Thayer, 240 Montgomery street, S. F. Owner's name withheld. Location, 18th avenue, Sunset District. Work will consist of altering the two-story frame residence into two modern five-room flats. Plans being prepared.

APARTMENT HOUSE—4 story and base, brick and steel, $40,000. San Francisco. Architect, Lewis M. Gardner, Phelan Bldg. S. F. Owner's name withheld. Location, Powell west of Bush. Will contain 64 rooms arranged in suites of two and three rooms. Plans being prepared.

APARTMENT HOUSE AND STORES—2 story and base. Class C construction, $70,000. San Francisco. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, Sacramento street.. Will contain nine stores on the first floor and a total of 92 rooms on the upper floor. Plans being prepared.

APARTMENT HOUSE—6 story and base, brick and steel, $95,000. San Francisco. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, Civic Center District. Will be arranged for two and three room apartments. Plans nearly complete and figures to be called for shortly.

TREATRE—1 story and base, reinforced concrete, $85,000. San Francisco. Architect, W. H. Weeks, 75 Post street, S. F. Owner, J. R. Saul. Location, south Clement east 8th avenue, covering an area of 75 by 150 feet. Will seat 1600 people. Fireproof throughout. Plans being prepared.

PAVILION — Reinforced concrete. Cost not stated. San Francisco. Architect not selected. Louis Parente, a partner of Parente Bros., 592 Pacific street, is about to close a lease on the property at the southwest corner of Tenth and Market streets, 160 by 160 feet, on which he and several associates intend to construct a large pavilion. Construction will be of reinforced concrete and steel. The seating capacity is to be in the neighborhood of 10,000 people. Further mention will be made of this work when the lease is closed.

WHARF AND BULKHEAD—Timber and concrete. Cost not stated. San Francisco. Engineer, Chief Engineer, Ferry Bldg., S. F. Owners, State of California. Bids will be opened on January 11th at 11 a. m. for constructing a timber and concrete pier to be known as Pier No. 3 and adjacent bulkhead wharf and passenger pier to the south of Pier No. 3.

DEPARTMENT STORE ALTERATIONS—4 story, Class A construction, $12,000. San Francisco. Architect, Albert G. Lansburgh, 709 Mission St., S. F. Owner, M. Meyerfeld, leased to Livingston Bros. Location, northeast Geary and Grant avenue. Work will consist of interior partitions, mill work, electric work and painting. Plans are being prepared.

MOTOR BUSSES—Cost not stated. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Bids will be opened on January 31st for furnishing motor busses for use in Golden Gate Park.

Contract Awarded.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer, City Engineer, City Hall. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works as follow: The improvement of Coleridge street, between Powers avenue, produced, and Fair avenue, produced easterly, by the construction of granite curbs, by resetting the existing granite curbs, by the construction of artificial stone sidewalks, and an asphaltic pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface. Awarded to J. F. Dowling, Russ Bldg., for $2,499.63.

The improvement of Coleridge street, between Esmeralda avenue, produced, and Fair avenue, where not already improved, by the construction of granite curbs, basalt block gutters, a basalt block pavement on sand with a gravel filler on the roadway thereof. Awarded to J. F. Dowling, Russ Bldg., for $978.90.

GARAGE AND SALES ROOM — 2 story and base, reinforced concrete, $32,000. San Francisco. Architect, none. Owner's name not given. Contractor, J. D. Hannah, Chronicle Bldg., S. F. Contract price, $32,000.

HOSPITAL COMPLETION—Class B construction, $13,723. San Francisco. Architect, August G. Headman, Call-Post Bldg., S. F. Owners, City and County of San Francisco. Contractor, C. L. Wold, 75 Sutter street, S. F. Contract price, $13,723.

STORES AND LOFTS—6 story and base, reinforced concrete, $100,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Regents of the University of California, leased to Buckingham & Hecht. Contractors, Clinton Fireproofing Co., 140 Townsend street, S. F. Contract price, $100,000 including $10,000 compensation.

DRESSING CURBS—$3,767.40. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contractors, McGilvray-Raymond Granite Co.. Contract price, $3,767.40.

Building Contracts Awarded.

SAN FRANCISCO.

No.	Owner	Contractor	Amt.
3658	York..Constr	.....Owner	400
3659	McLain	.....Elvin	850
3660	Butcher	.....Butcher	400
3661	Gallagher	.....Arnold	500
3662	Harshall	.....Dubnoff	650
3663	Moran	.....Clarke	981
3664	Wahren	.....Welsh	7500
3665	Oesting	.....Brutcher	7347
3666	Allred	.....Allred	3000
3667	Same	.....Same	3000
3668	Same	.....Same	3000
3669	Same	.....Same	3000
3670	Same	.....Same	3000

3671	Same	Same	3000
3672	Same	Same	3000
3673	Same	Same	3000
3674	Same	Same	3000
3675	Same	Same	3000
3676	Same	Same	3000
3677	Same	Same	3000
3678	Same	Same	3000
3679	Same	Same	3000
3680	Same	Same	3000
3681	Same	Same	3000
3682	Everding	Everding	3875
3683	Urban Realty	Owner	4000
3684	Costella	Feerick	2000
3685	Zipp	Zipp	9000
3686	Harrison	Kronnick	700
3687	Urban	Urban	4000
3688	Univ Cal	Clinton	100000
3689	Same	Sibley	1563
3690	S F Collateral	Wagner	6000
3691	Same	Same	6000
3692	Schriskoff	Charlson	1500
3693	Globe	Barrett	4000
3694	Greenwich	Montgomery	400
3695	Johnson	Johnson	2000
3696	Same	Same	2000
3697	Episcopal Bishop	Duncan	2000
3698	Haase	Erickson	5000
3699	Rosenberg	Rosenberg	30000
3700	Sterling Furn	Fink	500
3701	Army&Navy Y M C A	Owner	1000
3702	McDonough	Costello	1900
3703	Hobart	Stockholm	1800
3704	Kemp	Johnson	2100

FRAME WAREROOM

(3658) S CLEMENTINA 275 W Fourth. One-story frame wareroom.

Owner.....York California Contracting Co., 832 Folsom, S. F.

Architect...None.

Day's work. COST, $400

ALTERATIONS

(3659) NO. 1635 CALIFORNIA. New store front.

Owner.....John F. McLain Co., Prem.

Architect...Monson & Pyle, 1794 Hayes San Francisco.

Contractor..Arthur Elvin, 425 Castenada Ave., San Francisco.

COST, $850

ALTERATIONS

(3660) SE MASON AND O'FARRELL. Erect marquise and tile floor.

Owner.....T. W. Butcher et al, 1301 1st National Bank Bldg., San Francisco.

Architect...Cunningham & Politeo, 1st National Bank Bldg., S. F.

Day's work. COST, $400

SUPPLY STATION

(3661) SW MAIN AND MISSION. One-story fireproof supply station.

Owner.....A. J. Gallagher, Care Architect.

Architect...O'Brien Bros., 240 Montgomery, San Francisco.

Contractor..Arnold & Morey, 2167 Grove, San Francisco.

COST, $500

ALTERATIONS

(3662) NOS. 145-147 EDDY. Alter pool room.

Owner.....A. K. Harshall, Premises.

Architect...R. R. Irvine.

Contractor..H. Dubnoff 1031 Golden Gate Ave.,. San Francisco.

COST, $650

PAINTERS' WORK

(3663) SE HAIGHT AND SHRADER E 59-7¼xS 100. Painters' work for two buildings.

Owaer.....Daniel M. Moran, 154 6th, San Francisco.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor..Clarke & Dickson, 1754 Haight, San Francisco.

Filed Dec. 23, '16. Dated Dec. 21, '16. On 1st and 15th of each month 75%

Usual 35 days, 25% ..... $24[illegible]

TOTAL COST, $[illegible]

Bond, $500 Surety, Massachusetts Bonding & Insurance Co Limit, 5 days. Forfeit, $10 Plans and specifications filed.

FRAME FLATS

(3664) SW BALBOA AND 17TH AVE S 25xW 90. All work for two-story and basement frame flats.

Owner.....John and Lena Wahren, 1101 Cole, S. F.

Architect...None.

Contractor..James Welsh, 543 18th Ave., San Francisco.

Filed Dec. 26, '16. Dated Dec. 15, "16.

Rafters on $1250

Brown coated 1250

Completed 1250

Usual 35 days..... 1250

Balance $2500 secured by deed trust payable in monthly installments of $75 and interest at 6% per annum

TOTAL COST, $7500

Bond, limit, forfeit, none. Plans and specifications, none.

FRAME RESIDENCE

(3665) S WASHINGTON 115-6 W Leavenworth— 24-11½ S 60 E 24-11½ N 60. All work for two-story and basement frame residence..

Owner.....W. C. Oesting, California Market, San Francisco.

Architect..W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor..Brutcher & Serna, 110 Jessie, San Francisco.

Filed Dec. 26, '16. Dated Dec. 22, '16.

Roof on $1836.75

Plastering completed 1836.75

Completed and accepted..... 1836.75

Usual 35 days..... 1836.75

z TOTAL COST, $7347.00

Bond, $3674. Sureties, J. C. Ward and John E. Beck. Limit, 85 days from recording. Forfeit, $5. Plans and specifications filed.

FRAME RESIDENCE

(3666) NW CABRILLO AND TWENTY-third Ave. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3667) W TWENTY-THIRD AVE 378 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave.., San Francisco.

Architect...None

Day's work. COST, $3000

FRAME RESIDENCE

(3668) W TWENTY-THIRD AVE 353 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3669) W TWENTY-THIRD AVE 328 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3670) W TWENTY-THIRD AVE 303 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3671) W TWENTY-THIRD AVE 278 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave.., San Francsco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3672) W TWENTY-THIRD AVE 253 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3673) W TWENTY-THIRD AVE 228 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3674) W TWENTY-THIRD AVE 203 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3675) W TWENTY-THIRD AVE 178 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francsco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3676) W TYENTY-THIRD AVE 153 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3677) W TWENTY-THIRD AVE 128 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST, $3000

FRAME RESIDENCE

(3678) W TWENTY-THIRD AVE 103 N Cabrillo. Two-story and basement frame residence.

Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.

Architect...None.

Day's work. COST $3000

FRAME RESIDENCE

(3679) W TWENTY-THIRD AVE 78 N Cabrillo. Two-story and basement frame residence.

Owner ... C. S. Allred, 150 Onondago Ave., San Francisco
Architect ...None.
Day's work ... COST, $3000

FRAME RESIDENCE
(3680) W TWENTY-THIRD AVE 53 N Cabrillo. Two-story and basement frame residence.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(3681) W TWENTY-THIRD AVE 28 N Cabrillo. Two-story and basement frame residence.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect ...None.
Day's work. COST, $3000

ADDITION
(3682) NO. 80 CLAY. Add two stories (brick) for warehouse.
Owner.....J. C. Everding, Premises.
Architect ...None.
Day's work. COST, $3875

FRAME RESIDENCE
(3683) LOT 6 BLK 31 Ingleside Terrace. One-story and basement frame residence.
Oner.....Urban Realty Improvement Co., 85 Cerritos Ave., S. F.
Architect ...Jos. A. Leonard, 85 Cerritos Ave., San Frencisco.
Day's work. COST, $4000

FRAME DWELLING
(3684) E SEVENTEENTH AVE 150 S Balboa. Two-story and basement frame dwelling.
Owner.....Costello & Feerick, 204 San Carlos Ave., San Francisco
Architect ...None.
Day's work. COST, $2000

FRAME DWELLING
(3685) NO. 942 VERMONT. One-story and basement frame dwelling.
Owner.....J. V. Zipp, Premises.
Architect ...None.
Day's work.. COST, $1000

ADDITION
(3686) NE VAN NESS AVE AND POST Add mezzanine floor.
Owner.....H. O. Harrison Co., Prem.
Architect ...None.
Contractor..Kronnick Bros., 1569 O'Farrell, San Francisco.
COST, $700

FRAME RESIDENCE
(3687) LOT 2 BLK 31, Ingleside Terrace. Two-story and basement frame residence.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., S. F.
Architect ...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work. COST, $4000

CONCRETE LOFT BUILDING
(3688) NE FIRST 137-6 SE Market SE 68-9xNE 137-6. All work for six-story reinforced concrete loft building for Buckingham & Hecht.
Owner.....The Regents of the University of California.
Architect ...Bakewell & Brown, 251 Kearny, San Francisco
Contractor..Clinton Constr. Co. of California, 140 Townsend, S. F
Filed Dec. ... 16. Dated Dec. 12 '16.
As bills for labor and material to be paid by the owner.....
On 1st of each month contractor to receive 10% of money expended by owner .....
TOTAL COST, not to exceed $100,000 including contractor's compensation of $10,000.
Bond, $50,000. Surety, Massachusetts Bonding & Insurance Co. Limit, Sept. 25, 1917. Forfeit $1100 per month. Plans and specifications filed.

EXCAVATING, ETC.
(3689) EXCAVATING, BACK FILLING, shoring, etc., for First street wall, excavating for oil tank, etc., on above
Owner.....Same by Clinton Constr. Co
Contractor..Sibley Grading & Teaming Co., 180 Jessie, S. F.
Filed Dec. 27, '16. Dated Dec. 16, '16.
On 1st and 15th of each month 75%
30 days after..... 25%
TOTAL COST, $1563
Bond, $781.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 20 days after notification. Forfeit, none. Plans and specifications, none.

FRAME FLATS
(3690) E TENTH AVE 335 S California. Two-story and basement frame flats.
Owner.....San Francisco Collateral Loan Bank, Monadnock Bldg., San Francisco.
Architect ...None.
Contractor..George Wagner, 251 Kearny, San Francisco.
COST, $6000

FRAME FLATS
(3691) E TENTH AVE 310 S California. Two-story and basement frame flats.
Owner.....San Francisco Collateral Loan Bank, Monadnock Bldg., San Francisco.
Architect ...None.
Contractor..George Wagner, 251 Kearny, San Francisco.
COST, $6000

FRAME RESIDENCE
(3692) E DE HARO 250 S 22nd. One-story and basement frame residence.
Owner.....Steve Schriskoff, Prem.
Architect ...O. E. Evans & Co., 2569 Mission, San Francisco.
Contractor..John Charlson, 115 Winfield Ave., San Francisco.
COST, $1500

FRAME RESIDENCE
(3693) NW SOUTHWOOD & MIRAmar. One-story and basement frame residence..
Owner.....Globe Realty Co., 310 Kearny, San Francisco.
Architect ...A. W. Smith, 1010 Broadway, Oakland.
Contractor..Barrett & Hilp, 424 Sharon Bldg. San Francisco.
COST, $4000

ADDITION
(3694) NO. 2160 HYDE. Add sun porch.
Owner.....Greenwich Realty Co., 2160 Hyde, San Francisco.
Architect ...T. P. Ross, 310 California, San Francisco.
Contractor..E. J. Montgomery, 1320 Broadway, San Francisco.
COST, $400

FRAME RESIDENCE
(3695) W NINETEENTH AVE 221 N Santiago. One-story and basement frame residence.
Owner.....Louis Johnson, 27 Richland Ave., San Francisco.
Architect ...None.
Day's work. COST, $2000

FRAME RESIDENCE
(3696) W NINETEENTH AVE 196 N Santiago. One-story and basement frame residence.
Owner.....Louis Johnson, 27 Richland Ave., San Francisco.
Architect ...None.
Day's work. COST, $2000

ALTERATIONS
(3697) NO. 242 STEWART. Alter toilets, stage and painting (on first floor).
Owner.....The Protestant Episcopal Bishop(a corporation Sole) Grace Cathedral, S. F.
Architect ...Lewis P. Hobart, Crocker Bldg.., San Francisco.
Contractor..W. C. Duncan & Co., 508 Sharon Bldg., S. F.
COST, $2000
NOTE:—Work under way.

FRAME FLATS
(3698) NE ANZA AND NINETEENTH Ave. Two-story and basement frame (2) flats.
Owner.....A. Haase.
Architect ...Koenig & Christiansen, 914 Humboldt Bank Bldg., S. F.
Contractor..Ernest Erickson, 972 Plymouth, San Francisco.
COST, $5000
NATE:—Job just started.

BRICK APARTMENTS
(3699) SE SACRAMENTO & LAGUNA. Three-story and basement brick (14) apartments.
Owner.....I. Rosenberg and J. Cahen, 45 Kearny, San Francisco.
Architect ...J. Cahen, 45 Kearny, S. F.
Day's work. COST, $30,000

ALTERATIONS
(3700) NO. 1049 MARKET. New glass front.
Owner.....Sterling Furniture Co., Premises.
Architect ...None.
Contractor..Fink & Schindler Co., 228 13th, San Francisco.
COST, $500

ALTERATIONS
(3701) NO. 228 EMBARCADERO. Alter interior.
Owner.....Army & Navy Y. M. C. A., 84 Market, San Francisco.
Architect ...None.
Day's work. COST, $1000

FRAME DWELLING
(3702) S ARMY 100 W Bryant. One and one-half-story and basement frame dwelling.
Owner.....McDonough & Costello, 93 College Ave and 90 St. Mary's Ave., S. F.
Architect ...None.
Day's work. COST, $1900

ALTERATIONS
(3703) N MARKET 90 E Montgomery. Alter for store.
Owner.....Hobart Estate, Merchants' Exchange Bldg., S. F.

Architect ...Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor..Stockholm & Allyn, Monadnock Bldg., S. F.
COST, $1800

FRAME COTTAGE
(3704) LOT 230 GIFT MAP 3 on W Winfield Ave 50 S Coso Ave. All work for 4-room and garage frame cottage.
Owner.....Anna B. Kemp, 41 Winfield Ave., San Francisco.
Architect ...None.
Contractor..G. A. Johnson, 377 San Mateo Ave., San Francisco.
Filed Dec. 29, '16. Dated Dec. 12, '16.
Foundation and retaining wall built $175
Rafters up 350
Closed in and rough plastered... 525
Completed and accepted..... 525
Usual 35 days..... 525
TOTAL COST, $2100
Bond, $525. Sureties, H. H. Smith and T. H. Panken. Limit, 80 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Dec. 15, 1916—SW PINE & PIERCE Old Peoples' Home to William L Terry, Nov. 23; Gilley Schmid Co, ...Dec. 11, 1916

Dec. 15, 1916—LOT 3 and E ½ Lot 2 Blk 12 Crocker Amazon Tract. Benjamin Fehnemann to whom it may concern.....Dec. 15, 1916

Dec. 15, 1916—E FIFTEENTH AVE 175 S Lincoln Way 75x127-6. Elizabeth C Durfee and Mary M Callundan to H J Hansen.....Dec. 5, 1916

Dec. 15, 1916—LOT 22 BLK 16, Forest Hill. Emil Gingg to W L Nagel, Dec 1; Burham-Stanford Co..... .....Nov. 15, 1916

Dec. 16, 1916—BLK BDED ON N BY Market, E by New Montgomery, S by Jessie and W by Annie. Palace Hotel Co of S F to Taylor & Goericke.....Dec. 15, 1916

Dec. 16, 1916—SE MISSION & BRAZIL Ave. Dr H R Painton to Antone Petersen.....Dec. 11, 1916

Dec. 16, 1916—E LARKIN 50 S Vallejo. Thomas McGrath to Louis J Deibel.....Completed ——

Dec. 16, 1916—W TWENTY-SIXTH Ave 125 N Judah 25x120. Ida Schoenfeld to whom it may concern .....Dec. 5, 1916

Dec. 18, 1916—E TWENTY-SIXTH AV 150 S Anza S 21-8xE 120. Maurice J Flynn to Edward V Lacey..... .....Dec. 7, 1916

Dec. 18, 1916—NW BUCHANAN AND Washington W 80xN 28. M E Spiro to J S Malloch.....Dec. 18, 1916

Dec. 18, 1916—N JACKSON 192-6 E Cherry E 40 N 126-5⅜ W 40 m or l S 122 m or l. Harry T Blackwood to Hansbrough Johnston Co, Inc.. .....Dec. 15, 1916

Dec. 18, 1916—N CALIFORNIA 100 E Van Ness Ave E 50-9xN 137-6. L A Myers to MacDonald & Kahn..... .....Dec. 18 1916

Dec. 19, 1916—S MARKET AND Second SW 45xSE 91-6. Savings Union Bank & Trust Co to Dyer Bros Golden West Iron Warks, Inc .....Dec. 12, 1916

Dec. 18, 1916—E TWENTY-FIRST AV 50 S Anza S 25xE 82-6. Wm S Castro to Martin and Hans Nelson.. .....Dec. 15, 1916

Dec. 19, 1916—E EIGHTEENTH AVE 100 S Balboa S 25xE 100 F Monson to whom it may concern.Dec. 19, 1916

Dec. 19, 1916—N PACIFIC 101-6 W Dupont W 36 N 137-6 E 56 S 72 W 20 S 65-6. Paolo Arata to G Trevia and G B Pasqualetti....Dec. 15, 1916

Dec. 19 1916 –NE DONNER AVE (28th Ave South) 700 SE Quint (Q) SE 25xNE 100 Lot 20 Blk 503 Haley Purchase. M J Ballen to T H Parry .....Dec. 15, 1916

Dec. 19, 1916—S GREEN 175 E Pierce E 25xS 109. G B Schiaffino to G Campa and Louis Carnella... .....Dec. 18, 1916

Dec. 20, 1916—NE UPPER TERRACE and Clifford. Timothy A and Agnes M Reardon to Geo D Gilman..... .....Dec. 16, 1916

Dec. 20, 1916—NO. 3866 CLAY. Rosa G Taussig to J E O'Mara.Dec. 21, '16

Dec. 20, 1916—E NINTH AVE 100 S Cabrillo E 120xS 25. Thomas Conway to A Ahlbach.....Dec. 20, 1916

Dec. 20, 1916—E PENNSYLVANIA 100 S 18th S 100xE 100. Union Iron Works to Spencer Elevator Co, Dec 9; Cramer Co, Dec 9; Scott Co, Dec 9; Val Franz & Son.....Dec. 9, 1916

Dec. 18, 1916—S OAK 137-6 W Laguna W 27-6xS 120. Mary C Nolan to whom it may concern...Dec. 16, 1916

Dec. 21, 1916—LEASEHOLD OF PPTY from Spring Valley Water Co and Edw L Byrne and parcel owned by First Party, all of which is described in contract filed Aug. 7, 1916. Lakeside Golf Club to The Turner Co.....Dec. 18, 1916

Dec. 21, 1916—E EIGHTH AVE 75 S Lincoln Way 25x57-6. D J Clancy to D J Clancy.....Dec. 20, 1916

Dec. 21, 1916—N MISSION 225 W 4th W 50xN 90. A Aronson to John Carlin .....Dec. 19, 1916

Dec. 21, 1916—LOT 8 BLK 2 College Hill Tract. Gertrude I Pehrson to whom it may concern..Dec. 20, 1916

Dec. 21, 1916—S VALLEJO 70 E Broderick S 137-6xE 35. Geo A Applegarth to Junius Branch, Dec. 15; Kaiser & Connolly.....Dec. 15, 1916

Dec. 21, 1916—S VALLEJO 35 E Broderick S 137-6xE 35. Chas M Laurence to Mangrum & Otter, Dec 15; The Turner Co, Dec. 13; Bradley & O'Reilly, Dec. 13; Pacific Mfg Co, Dec. 13; Junius Branch..Dec. 12, 1916

Dec. 22, 1916—LOT 26 BLK 21, Crocker Amazon Tract. John Bjorkman to whom it may concern .....Dec. 22, 1916

Dec. 22, 1916—E EIGHTEENTH AVE 75 N Balboa N 25xE 82-6. Martin and Hans Nelson to whom it may concern.....Dec. 22, 1916

Dec. 22, 1916—NW MISSION AND Mint 25 on Mission and 85 on Mint. San Francisco Remedial Loan Association to Jas H Pinkerton, Dec 19; T H Meek Co, Dec 19; California Artistic Metal & Wire Co, Dec 19; Frank La Torres, Dec 19; Joseph Musto Sons-Keenan Co, Dec. 19; Electrical Constr Co....Dec. 19, 1916

Dec. 22, 1916—S FORTY-SEVENTH Ave 150 S Kirkham S 25xE 120. Ike C Fuller to C Wengard..... .....Nov. 29, 1916

Dec. 23, 1916 W OAKWOOD 252 -- 18th. Rinaldo Chiosso to whom it may concern.....Dec. 21, 1916

Dec. 26, 1916—COM 88-5 S from intr CARL AND COLE S 50 E 50 N 25

[illegible]

LIENS FILED

SAN FRANCISCO COUNTY.

FILED FILED AMOUNT

Dec. [illegible] S LOBOS 75 W Plymouth Ave W [illegible] BK 'M' R R Hal Assn. Moore-Rob Gravel Co vs Henry Fremy, Josephine Vaille and Hugo Carlson $19.25

Dec. [illegible] W SECOND AVE 175 S Balboa S 25xW 120. D A Cominsky vs Lena and James Lynch $7.15

Dec. [illegible] NW JESSIE 120 SW Fourth SW 25 NW 75 NE 25.4½ m or 1 SE 100; NW Jessie 225 SW Fourth SW 25xNW 75. Robert F Smith vs California Academy of Sciences and The Society of California Pioneers and Mercantile Realty Investment W J Watson (as Architects) Products Co $115

Dec. 19, 1916—SE HAYES & OCTAVIA E 60x80. Mission Marble Wks vs F H Masow and J M Morrison (as Masow & Morrison) and Daniel M Moran $775.. .....

Dec. 20, 1916—E ALLSTON WAY 140 S Claremont Blvd; No. 88 Allston Way. American Hardwood Floor Co vs Frank J Hyland. $84

Dec. 20, 1916—S MAYNARD 250 E Craut E 25xS 110. Asher Elec Co vs Ignatius J and Katherine Zabriskie and E H Helms $6

Dec. 21, 1916—NO. 416 CONGO. H H Smith vs Otto Johnson..... $37.75

Dec. 21, 1916—S LOBOS 75 W Plymouth Ave W 25xS 125. H H Smith vs Clovis Griffin and Frank Zichosch, Henry Fremy and Josephine Vaille $39.20

Dec. 21, 1916—NO. 1254 MARKET. G H Bonell and Jno Skoj vs M and Frank P Nunan..... $42.74

Dec. 22, 1916—NW RUSSIA AVE AND Naples N 75xW 50. W P Fuller & Co vs Chas Michelsen $93

Dec. 22, 1916—S LOBOS 75 W Plymouth Ave W 25xS 125. William Matthews vs Henry Fremy, Josephine Vaissie and C Griffin $51

Dec. 23, 1916—S CLERIDGE AND Fair Ave NW 100 SW 80 NW 20-4 NE 80 SE 20-4; No. 54 Fair Ave. M H Gin Co vs Bert C Osmun, Grace I Osmun and MacArthur Bros. $100

Dec. 26, 1916—NOS. 1439 AND 1441 Lombard near Van Ness Ave. C Bloom vs C Favilla..... $36

Dec. 27, 1916—N CLEMENT 75 W 15th Ave W 25xN 104-3. The Wheelock Manufacturing Co vs Andrew and Hilda Melander $143.50

Dec. 27, 1916—SE JACKSON AND Baker S 27-8½xE 100 Henry Ernst & Sons, Co-partnership of H C F and H A Ernst vs Ella Wallerstein $415

OAKLAND AND ALAMEDA COUNTY.

STREET IMPROVEMENTS—Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on January 11th at 12 noon for street work authorized under the following resolutions: That 15th street, from Market street to Adeline street, and from Kirkham street to the east line of Peralta street, be graded, curbed with concrete, paved with asphalt and guttered with brick gutters 14 inches wide; also that six brick catch basins, three brick manholes, two sewers, having internal diameters of 8 inches, six conduits, having internal diameters of 10 inches; a lamp hole with brick and cast iron top and Y branches, having 5-inch openings; all conduits, sewers, Y branches and lamp holes (excepting the tops of the lamp holes) shall be constructed of vitrified sewer pipe.

MOTOR TRUCKS -Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. Bids will be opened on January 12th at 10 a. m. for furnishing two motor trucks for use in the street department.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, Verne Bildine, 6243 College avenue, Oakland. Location, east Claremont avenue north 59th St. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor..

RESIDENCES—2, 1 story and base, frame, $2,000 each. Alameda, Alameda Co., Cal. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, 1508 and 1512 Verdi. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Alameda, Alameda Co., Cal. Architect, none. Owner, F. J. Judge, 1824 8th street, Alameda. Location 1824 8th street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. B. Roberts, 1823 Curtiss street, Berkeley. Location, south Hearst avenue near Curtis. Will contain six rooms and bath. Plans complete and work to be done by Day Labor..

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, W. H. Wheeler, 2101 Woodbine avenue, Oakland. Location, south Woodbine avenue west Fruitvale. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, Fred Hambelton, 575 43rd street, Oakland. Location west 13th avenue north East 27th street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,800. Oakland, Cal. Architect, none. Owners, Banning & Stewart Construction Co., 5204 Desmond street, Oakland. Location, north Mandana Boulevard near Lakeshore Drive. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,000. Oakland, Cal. Architect, Alvin J. Stern, 306 14th street, Oakland. Owner, Mr. Bartels. Location, Lakewood Park. Will contain seven rooms, bath and sleeping porch. Plans complete and figures being taken.

APARTMENT HOUSE—3 story and base, frame, $22,000. Berkeley, Alameda Co. Cal. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner's name not given. Location, West Berkeley. Will contain 45 rooms arranged in suites of two, three and four rooms. Plans are being prepared.

WAREHOUSE AND WHARF — 1 story, mill construction, $30,000. Engineer, City Engineer, Oakland. Owners, City of Oakland. Location, foot of Clay street, covering an area of 80 by 300 feet. Preliminary plans only started. Further mention will be made of the work.

WAREHOUSE—2 story and base, brick, $2,500. Oakland, Cal. Architect, none. Owner Man Sang Co., 395 9th street, Oakland. Location, 395 9th street. Will cover but a small area. Plans complete and work to be done by Day Labor.

HOSPITAL—3 story and base. Class A construction, $150,000. Oakland, Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Providence Hospital. Location, block bounded by East 19th and East 20th streets, 5th and 6th avenues. Only preliminary plans have been prepared and details can not be given until more advanced plans are prepared.

Contract Awarded.

SEWER CONSTRUCTION—Cost not stated. San Leandro, Alameda Co., Cal. Engineer, City Engineer, San Leandro. Owners, City of San Leandro. The City Trustees have awarded a contract to Manuel Nunes for the following work: That Hepburn street be sewered with a 6-inch (internal diameter) sewer pipe, from Hepburn street and Washington avenue to a point distant 160 feet easterly from the easterly line of Washington avenue; also that a lamp hole, having a top of cost iron and brick be constructed at the easterly end of aforesaid sewer.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
2954	Danforth	Danforth	500
2955	Dildine	Dildine	2500
2956	Man Sang	Man Sang	2400
2957	Emmons	Scott	4752
2958	Faria	Silva	1600
2959	Wheeler	Wheeler	1500
2960	Souza	Isakson	1750
2966	Brazio	Pagliano	450
2967	Meese	Holmes	600
2968	Berg	Corbett	400
2970	Ferguson	Jones	500
2971	Hopkins	Hildebrand	1000
2972	Hambleton	Owner	2500
2974	Contractors&Bldrs	Owner	500
2975	Banning	Stewart	4800
2976	Boyd	Boyd	20000
2977	Albadie	Bullick	1200
2978	Wales	Boyd	3500

ALTERATIONS

(2954) NO. 424 ELEVENTH, Oakland. Alterations.

Owner.....Mrs. Danforth, 1511 11th Ave., Oakland.

Architect ...None.

Day's work. COST, $500

DWELLING

(2955) E CLAREMONT AVE 530 N 59th, Oakland. One-story 6-room dwelling.

Owner.....Verne Dildine, 6243 College Ave.., Oakland.

Day's work. COST, $2500

BRICK WAREHOUSE

(2956) NO. 395 NINTH, Oakland. Two-story brick warehouse.

Owner.....Man Cang Co., Premises.

Architect ...None.

Day's work. COST, $2400

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If the front wheels of your truck are merely carrying part of the load, they're **loafing.**

They should be pulling. Because when the rear wheels do all the work they wear out tires faster than they should. They strain the truck and shorten its life. They consume too much gasoline and oil. They don't start and stop quickly.

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F W D

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On the F-W-D Truck every wheel is a **Driving Wheel.** The strains and stresses are divided and distributed. Road blows and resistance can't hit hard at any one point. **So the F-W-D lasts years longer.** The F-W-D eliminates minor and major breakdowns that lose time and minimize your profits. The F-W-D keeps ON the road and OUT of the repair shop.

The F-W-D saves 20 to 25 per cent of gasoline and oil money. It reduces first cost of tires one-third. It doubles tire mileage. It starts quickly—stops quickly. Breaks on four wheels as well as drives on four wheels. It saves time and avoids accidents. Phone for demonstrations.

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[illegible] CLEARY
[illegible] BROADWAY [illegible] N 23rd, Oakland. All work [illegible] Class "C" [illegible]
Owner.... [illegible] W. [illegible]. 891 Union, Oakland.
Architect [illegible] G. Mathews, Sheldon Bldg., San Francisco.
Contractor..G. A. Scott, 685 23rd, Okd.
[illegible] Dec. [illegible] 1, '16.
Payments [illegible] each month [illegible] 75%
[illegible] 25%
TOTAL COST, $4752
Bond, none. Limit, [illegible] days. Forfeit, $[illegible] and specifications filed.

ALTERATIONS
[illegible] NO. 823 TWENTY SEVENTH Ave., Oakland. Alterations and additions (alter 1-story dwelling into 2-story flats).
Owner.... [illegible] D. Farr.
Architect ...None.
Contractor..Silva & Almeida.
COST, $1600

DWELLING
[illegible] S WOODBINE AVE 220 W Fruitvale Ave., Oakland. One-story five-room dwelling.
Owner.....W. H. Wheeler, 2101 Wood-[illegible] Ave., Oakland.
Architect ...None.
Day's work. COST, $1500

DWELLING
[illegible] SW THIRTY-EIGHTH AVE & California, being Lots 1 and 2 Blk 22 Map Key Route Heights, Oakland. All work for one-story 6-room dwelling.
Owner.....Sam Souza, 3330 Patterson Ave., Oakland.
Architect ...None.
Contractor..S. A. Isakson, 1464 55th Ave., Oakland.
Filed Dec. 27, '16. Dated Dec. 21, '16.
Enclosed ..... ¼
Plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $1750
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

DWELLING
[illegible] S OCEAN AVE 500 W San Pablo Ave., Oakland. One-story 3-room dwelling.
Owner.....B. Brazio, Oakland.
Architect ...None.
Contractor..G. Pagliano, 1192 Ocear Ave., Oakland.
COST, $450

ADDITION
[illegible] NE SEVENTH & KIRKHAM, Oakland. Addition.
Owner.....Meese Estate, 279 12th, Oakland.
Architect ...None.
Contractor..A. S. Holmes.
COST, $600

ALTERATIONS
(2968) NO. 1503 WASHINGTON, Oakland. Alterations.
Owner.....Berg Millinery, Premises.
Architect ...None.
Contractor..Corbett & Bayliss, 1110 Franklin, Oakland.
COST, $400

REPAIRS
(2970) NO. 838 FOURTEENTH, Oakland. Fire repairs.
Owner.....Mrs. S. E. Ferguson, 1534 E-33rd, Oakland.
Architect ...None.
Contractor..F. G. Jones, 1217 Webster, Oakland.
COST, $500

ALTERATIONS
(2971) NW E-NINETEENTH AND Twenty-fourth Ave., Oakland. Alter dwelling into flats.
Owner.....J. B. Hopkins, 23rd Ave nr. E-14th, Oakland.
Architect ...None.
Contractor..C. G. Hildebrand, 3257 Galindo, Oakland..
COST, $1000

DWELLING
(2972) W THIRTEENTH AVE 215 N E-27th, Oakland. One-story 6-room dwelling.
Owner.....Fred Hambleton, 575 43rd, Oakland.
Architect ...None.
Day's work. COST, $2500

WAREHOUSE
(2974) S FIFTH 60 W Cypress, Oakland. Warehouse.
Owner.....Contractor' & Builders' Supply Co., Premises.
Architect ...None.
Day's work. COST, $500

DWELLING
(2975) N MANDANA BLVD 600 E Lakeshore Ave., Oakland. Two-story 8-room dwelling.
Owner.....Banning & Stewart Constr Co., 5204 Desmond, Okd.
Architect ...None.
Day's work. COST, $4800

APARTMENTS
(2976) S TWENTY-SECOND 500 E Grove, Oakland. Three-story 36-room apartments.
Owner.....W. E. Boyd, 4175 Park Blvd., Oakland.
Architect ...None.
Day's work. COST, $20,000

ALTERATIONS
(2977) E CHESTNUT 50 N 26th, Oakland. Alterations.
Owner.....N. Albadie, Cor. 26th and Chestnut, Oakland.
Architect ...None.
Contractor..O. M. Bullock, 303 Hudson, Oakland.
COST, $1200

DWELLING
(2978) E SAN SEBASTIAN 300 S Hollywood, Oakland. Two-story 7-room dwelling.
Owner.....M. F. Wales, 661 Poirier, Oakland.
Architect ...None.
Contractor..W. E. Boyd, 4175 Park Blvd., Oakland.
COST, $3500

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
2969	Roberts	Roberts	1500
2973	Mattern	Nelson	3970
2979	Zinn	Zinn	400

DWELLING
(2969) S HEARST AVE 142 from Curtis No. 1242, Berkeley. One-story 6-room dwelling.
Owner.....C. B. Roberts, 1823 Curtis, Berkeley.
Architect ...None.
Day's work. COST, $1500

FRAME DWELLING
(2973) LOT 19 BLK 1 Berry Bangs Tract No. 3 being E Hillegass Ave. bet Stuart and Russel Sts., Berkeley. Excavating brick work, concrete work, carpenter work, electric work, plastering and painting for two-story frame dwelling.
Owner.....G. A. Mattern 2701 Regent, Berkeley.
Architect ...Wright & Rushforth, 354 Pine, San Francisco.
Contractor..H. P. Nelson, 2241 Grove, Berkeley
Filed Dec. 28, '16. Dated Dec. 27, '16.
Ready for sheathing.....$700.00
Shingled 500.00
Brown coated 877.50
Completed and accepted..... 900.00
Usual 35 days..... 992.50
TOTAL COST, $3970.00
Bond, none. Limit, 80 days. Forfeit, $2. Plans and specifications filed.

DWELLING
(2979) NO. 2708 WALKER, Berkeley. One-story four-room dwelling.
Owner.....Annie J. Zinn, 2133 Carlton, Berkeley.
Architect ...None.
Day's work. COST, $400

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
2961	Noble	Noble	2000
2962	Same	Same	2000
2963	Judge	Judge	2000
2964	Pond	Stewart	2000
2965	Same	Same	2000

DWELLING
(2961) NO. 1508 VERDI, Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(2962) NO. 1512 VERDI, Alameda. One story 5-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(2963) NO. 1824 EIGHTH, Alameda. One-story 6-room dwelling.
Owner.....F. J. Judge, Premises.
Architect ...None.
Day's work. COST, $2000

DWELLING
(2964) LOT 12 STERLING AVE., Alameda. One-story 6-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect ...None.
Contractor..Geo. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(2965) LOT 4 STERLING AVE., Alameda. One-story 6-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect ...None.

Contractor..Geo. Stewart, 3019 Central Ave., Alameda.
COST, $2000

ARCHITECT'S CERTIFICATE.

Dec. 28 1916—Roland Irving Stringham has filed his certificate to practice architecture in Alameda County.

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED

Dec. 11, 1916— S ELEVENTH 125 E Broadway E 175xS 100, Okd. James Moffit Estate Co to U S Metal Products Co.....Dec. 8, 1916

Dec. 12, 1916—LOT 13 BLK 8 Resbdvn Blk 8 of that part Rock Ridge Terrace filed March 16, 1911, Okd. Blake Bros Co to whom it may concern.....Dec. 11, 1916

Dec. 13, 1916—LOT 20 BLK "C" Sheet No. 1, Lakewood Park, Okd. Harriet H Braund to F N Strang.Dec. 13, 1916

Dec. 13, 1916—SW COR E-THIRTY-fourth and 13th Ave, Okd. Anna Jordan to F N Fabing....Dec. 12, 1916

Dec. 13, 1916—S ELEVENTH 125 E Broadway E 175xS 100, Okd. James Moffitt Estate Co to Carl T Doell.....Dec. 9, 1916

Dec. 14, 1916—LOT 195 Map Crocker Highlands, Okd. R H Banning and Jas E Stewart to whom it may concern.....Dec. 11, 1916

Dec. 14, 1916—LOT 185 Map Crocker Highlands, Okd. R H Banning and Jas E Stewart to whom it may concern .....Dec. 11, 1916

Dec. 14, 1916—LOT 7 and E 25 Lot 6 Highland Court, Piedmont.. R H Banning and Jas E Stewart to whom it may concern....Dec. 8, 1916

Dec. 14, 1916—NW FIFTEENTH AND Clay W 100xN 103-9, Okd. The Chas Jurgens Co to Wm J Baccus .....Dec. 11, 1916

Dec. 15, 1916—SW TWENTY-THIRD and Webster S 75xW 90, Okd. J R O'Donnell (owner was Piedmont Bldg Ass'n. assigned to O'Donnell Sept. 22, 1916) to Joseph Neal.....Dec. 14, 1916

Dec. 16, 1916—LOT 26 BLK 21 Map Melrose Heights, Okd. Alfred B Hagman to William H Sims.....Dec. 14, 1916

Dec. 16, 1916—LOT 14 BLK "C" Map Oakland Heights, Okd. Emma Coburn to whom it may concern.....Dec. 12, 1916

Dec. 16, 1916—LOT 19 BLK 7 Map San Pablo Park, Bkly. Arvid E Olson to whom it may concern.....Dec. 14, 1916

Dec. 16, 1916—S E-ELEVENTH 75 E 8th Ave 37½x150, Oakland. Myrt Kowalsky to S A Warner..Dec. 16, '16

Dec. 16, 1916—S TAYLOR AVE bet. Ninth and Caroline 42x147 being No. 926, Ala. Lawrence Perata to M E Valente.....Nov. 15, 1916

Dec. 18, 1916—LOT 14 BLK 1, Berkeley Heights, Bkly.. . Roy O Long to Mason-McDuffie Co....Dec. 16, 1916

Dec. 18, 1916—NE TWENTY-FOURTH and Telegraph Ave N 45xE 82. Mrs S B Crawford to T Rutherford.....Dec. 15, 1916

Dec. 18, 1916—LOT 18 BLK "F" Map Kenwood Park, Okd. C W Glantz to whom it may concern.Dec. 18, 1916

Dec. 19, 1916—S 43 LOT 47 Oakland Homestead Ass'n, Okd. Justus Norris to whom it may concern.....Nov. 29, 1916

Dec. 19, 1916—NW FORTY-THIRD & Webster N 40xW 100, Okd. Chas A and Mary W Piper to M E Hopper & Sons.....Dec. 18, 1916

Dec. 20, 1916—NO. 2035 SEVENTEEN-th Ave, Okd.. Meta K Makins to E Woodard.....Dec. 15, 1916

Dec. 20, 1916—NW RANSOM AVE and SW Santa Rita SW 50 NW to Santa Rita SE to pt beg, Okd. Ole Kolen to whom it may concern.Dec. 16, 1916

Dec. 20, 1916—LOT 15 BLK 8 Resbdvn Blk 8 of that ptn Rock Ridge Terrace filed March 16, 1911, Oakland. Blake Bros Co to whom it may concern.....Dec. 18, 1916

Dec. 20, 1916—E 33 Lot 32 and 10 feet Lot 33 Blk 1 East Piedmont Heights Tract, Okd. W E Schirmer to whom it may concern.Dec. 20, 1916

Dec. 21, 1916—LOT 111 Fourth Ave Terrace Ext, Okd. Mabel Woodard to E W Woodard.....Dec. 21, 1916

Dec. 21, 1916—W END WEBSTER street on Oakland Estuary, Ala. Union Iron Works to Lange & Bergstrom.....Dec. 18, 1916

Dec. 21, 1916—S ELEVENTH 125 E Broadway E 175xS 100, Okd. James Moffitt Estate Co to Martin Peterson.....Dec. 18, 1916

Dec. 21, 1916—LOT 4 BLK 33, Lakeside Sbdvn Adams Point, Oakland. A and Gladys L Galbraith to H M Swalley & E A Spencer.Dec. 20, 1916

Dec. 22, 1916—S BUENA VISTA WAY 120 E La Loma Ave S 119xE 60. Bkly. Andrew C Lawson to F Holberg Reimers.....Dec. 20, 1916

Dec. 23, 1916—S ELEVENTH 125 E Broadway E 175xS 100, Okd. James Moffitt Estate Co to Robert Dalziel Jr.....Dec. 22, 1916

Dec. 26, 1916—LOT 7 BLK 22 North Cragmont, Contra Costa Co (as filed). C W Morser to whom it may concern.....Dec. 22, 1916

Dec. 26, 1916—E 15 LOT 116 and W 20 Lot 117 Sheet No. 2 Terminal Junction Tract, Albany. Realty Syndicate Co to L W Anderson, Charles P Eggleston and F N Strang.....Dec. 22, 1916

Dec. 27, 1916—LOT 8 BLK "D" Map Sheet No. 1, Lakewood Park, Piedmont. Carrie M Christie to V N Strang and Harry Schwalm.....Dec. 18, 1916

Dec. 27, 1916—LOT 10 BLK 12 Berkeley Heights, Berkeley. John Hood to F. R.. Peake....Dec. 23, 1916

Dec. 27, 1916—LOT 49 BLK 2 Berkeley Heights, being W Oxford 200 N Los Angeles Ave, Bkly. Mary Hood to J S Hanson.....Dec. 23, 1916

Dec. 27, 1916—LOT 12 BLK 1361 Map Poirier Tract being S Poirier 440 E Dover E 40xS 103.50, Okd. Philip M Edminster to G Sandberg.....Dec. 23, 1916

Dec. 27, 1916—LOT 32 BLK 1 Berkeley Heights, Bkly. A J Eddy to whom it may concern.....Dec. 19, 1916

Dec. 27, 1916—W GRANT 45 S Delaware S 45xW 105, Bkly. Geo D Risher and B F Butler to whom it may concern.....Dec. 19, 1916

Dec. 28, 1916—S FORTY-SECOND 327 W Market W 74xS 89, Okd. May E Richardson to whom it may concern.....Dec 26 1916

Dec. 28, 1916—S TENTH 60 E Oak 40x60, Okd. Lina Dabney to J M Booth.....Dec. 27, 1916

[illegible] Tract, Bkly Georgia T Thaxter to F W Thaxter Dec. 27 1916

Dec. 28, 1916—W 75 LOT 10 Webster Tract, Bkly. Georgia T Thaxter ta F W Thaxter Dec. 27, 1916

Dec. 28, 1916—S DELAWARE 105 W Grant Ex 25, Bkly Annie Mary Vaughan to Joseph Coward Dec. 20, 1916

Dec. 29, 1916—S SANTA CLARA AVE [illegible] Stanton, E 44.6, S 97.62 S 90.26 N 90.26, Ala. Alfred and Mrs F E Harris to F E Allen Dec. 26, 1916

Dec. 29, 1916—LOT 17 BLK 2 Thousand Oaks Court being No. 818 Lexington Ave, Bkly. J S French to O M and H G Patrick Dec. 27, 1916

Dec. 29, 1916—W SEMINARY AVE 150 S E-14th bet Lot 7 Blk 2 Map Eastlawn, Okd. William Hayward Ismert to John Lehman Dec. 18, 1916

Dec. 29, 1916—E COLLEGE AVE 53.70 N Lawton and E College Ave 107.-3.5 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. E A Schmidt to E A Schmidt.....Dec. 28, 1916

Dec. 29, 1916—N 44 LOT 5 Elmwood Orchard Tract, Bkly. Ophelia E Elliott to H A Kylee ...Dec. 22, 1916

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Dec. 11, 1916—E EIGHTH AVE 75 S 24th, being No. 2340, Oakland. James W Forbes vs N Blomgren.$50

Dec. 12, 1916—SW E-FOURTEENTH and 20th Ave W 25xS 140, Okd. Spott Bros vs P A Brion, C Chubb and B A Stewart.....$45.41

Dec. 13, 1916—LOT 11 AND S 110 Lot 12 Blk 14 Map Lakeside Sbdvn Adams Point Ppty, Okd. W E Whalin vs N H Chamberlain..$745.50

Dec. 16, 1916—NW MONTANA AND Laguna 50x125, Okd. A H Rose vs G B McDonald $115.35

Dec. 18, 1916—BDED ON N BY lands Catholic Church and Catholic Cemetery, E by County Road leading from Central Ave to Mowry's Landing, S lands A S Caldeira and W by Dan Blair Road, Washington Tp. P C Hansen & Co vs M V Marciel and A S Dutra.....$678.65

Dec. 18, 1916—LOT 21 BLK 3 Map Key Route Terrace No. 2, Albany. W F Manley vs William B White, N J Irish, et al.....$60

Dec. 23, 1916—LOT 7 BLK 3 Map Santa Fe Tract No. 5, Okd. Joseph F Rogers vs Charles O Ellis.....$70

Dec. 23, 1916—PT DIVIDING LINE Lots 8 and 9 Map Resbdvn Kellersberger's Plot 72 10.38 NW center line Bench Road NW 276.78 W 16.76 NE 122.54 SE 237.18 SW 36.22, Okd. Rhodes Jamieson & Co vs Maurice G Logan, Bertha D Logan and C M Chetrrau $23.65

Dec. 26, 1916—LOT 22 BLK 7 and Lot 40 Blk 5, Key Route Terrace No. 2, Albany. E Lightfoot vs A R Morris and Annie D Morris.....$22.10

Dec. 26, 1916—NO. 401 HUDSON, Okd. Corbett & Bayliss vs A W Cole.....$228.46

Dec. 27, 1916—S SIXTIETH 145 W Stanford Ave W 54 S 92.9 NE to pt N 39.9 Okd F W Foss Co vs C H Hubbard $23.92

Dec. 27, 1916—NW NINETEENTH Ave 35 SW E-19th SW 35xNW 130,

Okd. Melrose Lumber & Supply Co vs Wm B White . . $225.73
Dec 28, 1916—S BERRYMAN 100 E Bonita Ave E 25xS 100 Bkly F W Foss Co vs Geo B Ochsltree and C Wright . . $313.52
Dec 29, 1916—E FRANKLIN [illegible] N 14th N 150 NE [illegible], Okd. Bay Engineering Co vs William E Miller Estate Co . . $1942.11

SAN JOSE AND THE SANTA CLARA

HOSPITAL COTTAGE story, frame. Cost not stated. Agnews, Santa Clara Co., Cal. Architect, State Architect, George B. McDougall, Sacramento. Owners, State of California. Plans are complete and figures are now being taken for a one-story open air cottage. Bids will be opened on January 16th at 12 noon. An official proposal appears in another column of this issue.

PACKING PLANT—1 and 2 story and base, reinforced concrete, $100,000. South San Francisco, San Mateo Co., Cal. Architect, none. Owners, Moran & Co., 83 Bluxome street, S. F. Will contain warehouse, factory and offices. Plans are being prepared.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

HEATING PLANT
GROUNDS OF WASHINGTON SCHOOL, San Jose. All work for installing gas heating plant for Washington School Addition.
Owner.....Board of Education of City of San Jose.
Architect ...None.
Contractor..Pacific Gas & Electric Co., 48 E-San Antonio, San Jose
Filed Dec. 21, '16. Dated Dec. 1, '16.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $860
Bond, $430. Sureties, A. F. Hockenbeamer and J. C. Love. Limit, forfeit, plans and specifications, none.

BAND STAND
STANFORD CAMPUS, Palo Alto. All work for concrete band stand.
Owner.....Stanford University.
Architect ...Bakewell & Brown, 251 Kearny, San Francisco.
Contractor..Lawton & Vezey, Plaza Bldg., Oakland.
Filed Dec. 22, '16. Dated Dec. 20, '16.
On 15th of each month..... 75%
Usual 35 days..... Final
TOTAL COST, $3165
Bond, $1582.50. Surety, London & Lancashire Indemnity Co. Limit 40 days from filing. Forfeit, $5 per day. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Dec. 18, 1916—STANFORD CAMPUS, Palo Alto. Stanford University to Robert, J W and Robert J Howden .....Dec. 13, 1916
Dec. 18, 1916—STANFORD CAMPUS, Palo Alto. Stanford University to The Electrical Constr Co. Dec. 9, 1916
Dec. 20, 1916—LOT 5 BLK 1 Range 3 N in San Jose; No. 55 S-Third St., San Jose. German M E Church to L W Bush.....Dec. 15, 1916
Dec. 20, 1916—STANFORD CAMPUS, Palo Alto. Stanford University to Ralston Iron Works . . Dec. 15 1916
Dec. 23, 1916—STANFORD CAMPUS, Palo Alto. Stanford University to California Jewell Filter Co..... . Dec. 12, 1916

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

STREET IMPROVEMENTS—Cost not stated. Mill Valley, Marin Co., Cal. Engineer, City Engineer, Mill Valley. Owners, Mill Valley. Bids will be opened on January 8th at 8 p. m. for street improvements authorized under the following resolutions: That Throckmorton avenue, from the southwest line of Miller avenue, projected northeast, to the northeast line of Cascade Drive, be improved as follows: That the roadway thereon be graded; concrete curbs and gutters be constructed; concrete storm water catch basins with cast iron frames and gratings, corrugated iron culverts and branches, concrete retaining wall, survey monuments, and concrete park curbings, be constructed and the roadway be paved with 2-inch bituminous concrete wearing surface laid on a 4-inch hydraulic concrete base of various widths.

That portions of Miller avenue, Throckmorton avenue, Bernard, Corde Madera avenue, Blithedale avenue, portion of county road, etc., be graded, construct concrete curbs and gutters of hydraulic concrete, sidewalks, a reinforced concrete sidewalk bridge, that culverts of corrugated iron, of cast iron and of vitrified pipe with branches, concrete storm water catch basins with cast iron frames and gratings, survey monuments, and concrete park curbings, paved with 2 and 3-inch bituminous concrete wearing surface laid on a 4-inch hydraulic concrete base of various widths.

BULKHEAD—Concrete. Cost not stated. Napa, Napa Co., Cal. Engineer, City Engineer, Napa. Owners, City of Napa. At the last meeting of the City Council, plans and specifications were adopted for the construction of a bulkhead on the bank of the Napa River in that part of Napa City known as Napa Abajo, located along Levee street near the gas works, between Pine and Elm. The City Clerk was instructed to advertise for bids on the work.

APARTMENT HOUSE ALTERATION—2 story, frame, $5,000. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owners, California Home Building Co. Work will consist of remodeling a hall building into modern apartments and will require interior and exterior alterations, new plumbing, plastering and electric work. Plans are being prepared.

FIRE HOUSE—2 story and base, reinforced concrete, $12,000. San Rafael, Marin Co., Cal. Architects, Masten & Loubet, First National Bank Bldg., S. F. Owners, City of San Rafael. All bids recently opened for this work have been rejected and plans are now being revised. New bids will be called for this week

SCHOOL—1 story and base, brick and steel, $70,000. Colusa, Colusa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa Union High School District. Will contain fourteen class rooms and an auditorium. Plans complete and figures to be called for in about three weeks.

SCHOOL—1 story and base, reinforced concrete, $28,000. Cloverdale, Sonoma Co., Cal. Architect, Ernest L. Norberg, Bank Bldg., Burlingame. Owners, Cloverdale School District. Will contain seven class rooms and an auditorium. Plans being prepared. Bond election to be called for shortly.

ROCK FILL — $26,000. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbetts, Alaska-Commercial Bldg., S. F. Owners, City of Richmond. Upon the recommendation of City Attorney D. J. Hall the City Council has rejected the bid of the Healy-Tibbitts Construction Co. for installing the new rock fill adjoining the municipal pier at a cost of $26,000. A new call for bids for the work was ordered by the board, the bids to be opened January 9th.

Contract Awarded.

STREET IMPROVEMENTS—$2,992.48. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Contractor, John Ward, 436 13th street, Richmond. Contract price, $2,992.48.

ROAD ROLLER—$3,150. Napa, Napa Co., Cal. Engineer, City Engineer, Napa. Owners, City of Napa. Contractors, Austin Western Road Machinery Co., 20 Fremont street, S. F. Contract price, $3,150.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

ROAD CONSTRUCTION—Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be received up to 2:30 p. m. of January 9 by the Board of Supervisors for constructing a roadway from Modesto to the town of Empire, a distance of 4.4 miles. The road will be of cement concrete 16 feet wide, and involves 9,000 cubic yards grading and three metal culverts. E. H. Annear is the County Engineer.

STREET PAVING—Cost not stated. Taft, Kern Co., Cal. Engineer, Edward M. Lynch, Glendale. Owners, City of Taft. Engineer Edward M. Lynch has been selected by the Taft Trustees to prepare figures showing the probable cost of paving Main, Center, Kern, Fourth and Sixth streets. This work will be placed under way as soon as possible, as the Trustees have been discussing the improvement during the past eight months.

HIGHWAY CONSTRUCTION — Cost not stated. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. The County Supervisors have directed County Clerk Pickerill to advertise for bids for the construction of the unit of improved county highway from the north terminous of Douty street in this city to the Alcorn bridge and three miles east in the Excelsior District; and also nearly two miles running north from the Hardwick highway through the Aydelott and Phillips ranches to Kings River. The total milage is 11¾. The bids will be opened at 11 o'clock on January 9th.

RESIDENCE — 1 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owners, Dow & Can-

non, Fresno Location, Belmont Addition. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

STREET IMPROVEMENT—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The Board of Trustees has ordered the improvement of the alley in block 88, Fresno, from Stanislaus street to Calaveras street, by grading and paving with 4 inch cement concrete base and 2 inch wearing surface, and constructing redwood curbs. Plans and specifications on file at the office of the City Clerk, W. H. Ryan.

STREET PAVING—Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, City Engineer, Modesto. Owners, City of Modesto. The City Council has directed City Engineer Freitas to prepare plans and specifications for paving 10th street, from L to Needham avenue. After this work is completed the Council will order plans prepared for the paving of 11th, 12th and 13th streets. On completion of plans bids will be called.

STREET PAVING—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. A misunderstanding among the signers of the petition of the property owners for the paving of 20th street, resulted in the rejection of all bids by the Council. New bids will be called for within the next few weeks.

RESIDENCE — 1 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owners, Alta Vista Homes Co., Fresno. Location, Alta Vista Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story, frame, $1,500. Fresno, Fresno Co., Cal. Architect, none. Owner, A. D. Atkins, 743 Weldon street, Fresno. Location, Bartleet Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE AND STORE—2 story and base, brick, $10,000. Turlock, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mr. Salberg, Turlock. Will contain one store and a number of small apartments. Plans are being prepared.

WATER MAINS, ETC.—$44,000. Hanford, Kings Co., Cal. Engineer, City Engineer Edward Lynch, Glendale. Owners, City of Hanford. The City Trustees of Hanford have accepted the plans and specifications prepared by Engineer Edward Lynch for the construction of additional fire mains, hydrants, and fire alarm boxes. A bond election will be called immediately to raise funds for the proposed system.

WATER SYSTEM IMPROVEMENTS—Cost as follows. Merced, Merced Co., Cal. Engineer's name not given. Owners, Crocker-Huffman Land and Water Co., Merced. The agreement between the Crocker-Huffman Land and Water Company and the Chicago Bridge and Iron Works for the building of the steel water tanks and other improvements for the new water system of Merced, has been filed with County Recorder Ivers. The contract price is $19,800, exclusive of the concrete foundations, which will be erected by W. H. McElroy & Son under a subcontract. The tank will be erected on a site near the present booster station on Bear Creek, and the contract calls for their completion by May 18, 1917. The tank will be supplied by wells and will replace the reservoir water now taken from Yosemite Lake.

WAREHOUSE AND OFFICES—1 and 2 story, brick and steel, $100,000. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Republican Bldg., Fresno. Owners, Pacific Coast Grocery Co., W. B. Wellman, President, S. F. Location, Ventura and P streets, covering an area of 133 by 200 feet. Plans nearly complete and figures to be called for shortly.

HOTEL ALTERATIONS—2 story, brick, $5,000. Turlock, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mr. Topihanian. Work will consist of interior alterations and the installation of a steam heating system. Plans are complete and figures being taken.

Contract Awarded.

BANK ALTERATIONS—2 story and base, brick and steel, $15,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Cory Bldg., Fresno. Owners, First National Bank. Contractor, E. Riggins, 1908 Fresno street, Fresno. Contract price, $15,000.

SCHOOL—1 story and base, hollow tile, $35,000. Modesto, Stanislaus Co., Cal. Architects, De Remer & Hewitt, Title Insurnace Bldg., L. A. Owners, Modesto School District. Contractor, W. A. Stevens, R. F. D. No. 4, Modesto, general construction, $27,809.38. The Turner Hardware Co., Modesto, plumbing, etc., $9,531.50.

STORE—1 story, mezzanine and base, brick, $20,000. Turlock, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Turlock Mercantile Co., Entire building will be devoted to the use of the owners. Plans are being prepared.

MARKET—1 story and base, brick, $4,000. Escalon, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Frank Boone. Will cover an area of 25 by 50 feet. Plans complete and figures being taken.

STORES AND OFFICES—6 story and base. Class A construction, $165,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Corey Bldg., Fresno. Owner, Mrs. Nellie Mason. Location, J street, covering an area of 150 by 100 feet. Will contain a number of stores on the ground floor and about 150 modern offices on the upper floors. Plans complete and figures being taken. Bids open on January 15th.

BUILDING CONTRACTS

FRESNO COUNTY.

HEATING SYSTEM
RIVERDALE JOINT UNION HIGH School District, Fresno. Heating system for one-story school building.
Owner.....Riverdale Joint Union High School.
Architect...Ernest J. Kump, Rowell Bldg., Fresno.
Contractor..Brandt Bros.
Filed Dec. 27, '16. Dated Dec. ——.
As work progresses..... 75%
Final 35 days, balance..... 25%
TOTAL COST, $2050

DWELLING
LOT 10 adj 20 feet Lot 9 Blk 1 Bartlett Heights, Fresno. Dwelling.
Owner.....A. D. Atkins, 743 Weldon St., Fresno.
Architect...None.
Day's work. COST, $1500

REPAIRS
NO. 1036 O ST., Fresno. Repair dwlg.
Owner.....J. Coffman.
Architect...None.
Contractor..R. Pederson & Co., 450 San Pablo, Fresno.
COST, $1400

DWELLING
E ½ OF LOT 20, Burlingame Villa Park Fresno. Dwelling.
Owner.....T. P. Sheldon.
Architect...None.
Contractor..Dan Blosser, 217 Abbey St., Fresno.
COST, $3000

LOTS 14 AND 15 BLK 16, Belmont Addition, Fresno. Dwelling.
Owner.....Dow & Cannon.
Architect...None.
Day's work. COST, $2000

GARAGE, ETC.
BLK 5, Woodward Addition, Fresno. Garage, cooler and other out buildings.
Owner.....Cudahay Packing Co.
Architect...None.
Day's work. COST, $1800

ALTERATIONS
LOTS 17, 18 AND 19 BLK 71, Fresno. Alterations to bank building.
Owner.....First National Bank of Fresno, 1901 Mariposa St., Fresno.
Architect...None.
Contractor..E. Riggins, 1908 Fresno, St., Fresno.
COST, $15,000

LOTS 1, 2, AND 3 BLK 3 Central Addition, Fresno. Dwelling.
Oner.....Oswald Scholz, 215 Forthcamp St., Fresno.
Architect...None.
Contractor..S. L. Allen, 3215 McKenzie St., Fresno.
COST, $3800

FRAME DWELLINGS
DEL MAR, bet McKinley and University Sts., Fresno. All work for 25 one-story frame dwellings.
Owner.....Granor & Barr, Fresno.
Architect...None.
Contractor..Manning Bros., 924½ Jay St., Fresno & San Leandro.
COST, $50,000

DWELLING
LOT 6 BLK 24 Alta Vista Tract, Fresno Dwelling.
Owner.....Alta Vista Homes Co.
Architect...None.
Day's work. COST $1950

LIENS FILED

FRESNO COUNTY.

RECORDED AMOUNT
Dec 28, 1916—LOTS 18 TO 21 BLK 6, Whitson Addition, Selma. Walter Scott Co vs Wade H Griffin .. $103

Dec. [illegible] 1916. Lot 2 Deed of Fresno Pacific Land & Title Co. vs H. R. Graham and Walter E. Burke $[illegible]

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED

Dec. 21, 1916—SEC [illegible] Oil Well No. 3, Fresno. Oil Exploration Co to whom it may concern..Dec. 5, 1916

NOTICE OF NON-LIABILITY.

FRESNO COUNTY.

Dec. [illegible], 1916 SEC [illegible] Fresno. Kings County Development Co as to improvements on leased property

Dec. 22, 1916—PTN RESERVATION in Fowler. Central Pacific Railway Co as to improvements on leased property

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BUNGALOWS—14, 1 story and base, frame, $1,800 to $2,400. Manteca, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Spreckels Sugar Refinery Co. Eight of these houses will contain six rooms each and six of four and five rooms. Plans are being prepared and figures will be called for shortly.

SCHOOL—1 story and base, reinforced concrete, $30,000. Washington, Yolo Co., Cal. Architect, E. C. Hemmings 1005 K street, Sacramento. Owners, Washington School District. Will contain six class rooms and an assembly hall. Plans being prepared.. Construction depends on a bond election which is to be held on January 4th

Contract Awarded.

STREET PAVING—Cost not stated. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. At the last meeting of the City Council, the City Engineer was instructed to prepare plans and specifications for connecting Myrtle avenue with the C street sewer.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

ALTERATIONS

E ½ OF W ½ LOT 2 J, K, 4th and 5th Sts., Sacramento. Remodel building.
Owner.....Hiram Cameron, 408 J St., Sacramento.
Architect ...None.
Contractor..Barton & Hite, 1812 L St., Sacramento.
Filed Dec. 22, '16. Dated Dec. 20, '16.
COST, $1800
NOTE:—1st report Dec. 13, 1916.

NEW ROOF

NO. 218 I ST., Sacramento.. Build new roof.
Owner.....Chan Ho.
Architect ...None.
Contractor..E. S. Warner.
COST, $600

DWELLING

S ½ OF W ½ LOT 5 W, X, 13th and 14th Sts., Sacramento. Dwelling.

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

Owner Emily Valine, 2417 15th St., Sacramento
Architect ...None.
Contractor..Chris Valine, 2417 15th St., Sacramento.
COST, $1500

REPAIRS

LOTS 5 AND 6 X, Y, 15th and 16th Sts., Sacramento. Repair dwelling.
Owner.....Emily Valine, 2417 15th St., Sacramento.
Architect ...None.
Contractor..Chris Valine, 2417 15th St., Sacramento.
COST, $800

REMODEL

N ½ OF S ½ LOT 4, I, J, 17th and 18th Sts., Sacramento. Remodel dwelling
Owner.....J. Gruenwald, 910 18th St., Sacramento.
Architect ...None.
Contractor..I. L. Johnson, 1219 Clark St., Sacramento.
COST, $700

LOS ANGELES AND SOUTHERN CALIFORNIA.

WATER SYSTEM IMPROVEMENTS—Cost as follows. Blythe, San Bernardino Co., Cal. Engineer's name not given. Owners, Palo Verde Mutual Water Co. Mesmer & Rice, Marsh-Strong Building, L. A., were the lowest bidders and were awarded the contract at $25,000 for the construction of an intake gate, control weir and sluice gate for the Palo Verde Mutual Water Co. The work will involve the excavation of 1,000 cubic yards of rock, 300 cubic yards of concrete work, placing 47,000 pounds of structural and reinforcing steel, and 103,000 feet, B. M., of timber.

FACTORY—2 story and base, reinforced concrete, $150,000. Los Angeles, Cal. Architect, H. C. Hengels, Milwaukee, Wis. Owners, Arrowhead Spring Co., 801 South Hill street, L. A. Location, Compton avenue and Washington street, covering an area of 70 by 120 feet with an L 60 by 120 feet. Plans are being prepared.

FACTORY—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Richard V. King, Van Nuys Bldg., L. A. Owner, R. W. Pridham Co. Contractors, The Pozzo Construction Co., 421 Macy street, L. A. Contract price not stated. Note: Building will cover an area of 200 by 300 feet.

GARAGE AND FACTORY—2 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, John C. Austin, Baker-Detwiler Bldg., L. A. Owner, Frank P. Ewing, leased to Greer-Robinson Co. Contractor, Charles D. Wagner, Story Bldg., L. A. Contract price not stated.

BRIDGE—Reinforced concrete. Cost not stated. Riverside, Riverside Co., Cal. Engineer, County Surveyor, Riverside. Owners, Riverside County. At the last meeting of the Riverside County Supervisors plans and specifications for the Cottonwood Canyon bridge were adopted, and bids on same will be opened at 11 a. m. January 17, 1917.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Architectural Designing Co., Grosse Bldg., L. A. Owner, Miss Cora Lane. Location, Stewart near 7th street, coverinng an area of 27 by 100 feet. Will contain 60 rooms and [illegible] baths. Plans being prepared.

Contract Awarded.

STREET AND SEWER CONSTRUCTION—$115,566.35. Calexico, Imperial Co., Cal. Engineer, City Engineer, Calexico. Owners, City of Calexico. Contractors, Federal Construction Co., Sharon Bldg., S. F. Contract price, $115,566.35.

STREET IMPROVEMENT — $26,340.49. Ventura, Ventura Co., Cal. Engineer, City Engineer, Ventura. Owners, City of Ventura. Contractor, H. H. Hudson, Trust and Savings Bldg., L. A. Contract price, $26,340.49.

STREET IMPROVEMENT — $31,066.33. Los Angeles, Cal. Engineer, City Engineef, L. A. Owners, City of Los Angeles. Contractors, Tryon & Brain, Merchants' Trust Bldg., L. A. Contract price, $31,066.33.

APARTMENT HOUSE AND STORES—2 story and base. Class C construction, $25,000. Los Angeles, Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, James G. Warren. Contractor, H. J. Myers, 661 South Burlingame avenue, L. A. Contract price, $25,000, general construction only.

SHOPS—2, 1 story, brick and steel, $65,000. San Bernardino, San Bernardino Co., Cal. Engineer, Engineering Department, Santa Fe Railroad Co., L. A. Owners, Santa Fe Railroad Co. Contractor, The William Sampson Construction Co., Marsh-Strong Bldg., L. A. Contract price, $65,000.

CHURCH—2 story and base. Class B, $55,000. Santa Barbara, Santa Barbara Co., Cal. Architect, Roland F. Sauter, San Marcos Bldg., Santa Barbara. Owners, First Presbyterian Church. Contractors, W. E. Kier Construction Co., American Bank Bldg., San Diego. Contract price, $55,000.

HOTELS—2, 11 story and base. Class A construction, $1,100,000. Los Angeles, Cal. Architect, Charles H. Kysor, Wright and Callender Bldg., L.

A. Owner, H. W. Bryson. Location, Wilshire Boulevard, between Coronado and Carondelet. Contractors, F. O. Engstrom Co., L. A. Contract price, $1,100,000.

STORES AND LOFTS—2 story and base. Class A construction. $33,000. San Diego, San Diego Co., Cal. Architect, J. B. Lyman, Timken Bldg., San Diego. Owners, Peters Investment Co. Contractors, W. E. Kier Construction Co., American Bank Bldg., San Diego. Contract price, $33,000.

HIGHWAY CUTOFF—$93,000 Mexicali, Imperial Co., Cal. Engineer, County Surveyor, El Centro. Owners, Imperial County. Contractors, R. P. Shields & Son, San Diego.. Contract price, $93,000.

PORTLAND AND OREGON.

STADIUM AND EXHIBIT BARNS—Reinforced concrete. Cost as follows. Portland, Ore. Architect, Lewis I. Thompson, Corbett Building, Portland. Owner, State of Oregon. Plans are being completed for the proposed starium improvements for the annual livestock exhibitions at the stockyards. The building committee is now completing the details of financing the project, which will represent an ultimate cost of $250,000. The first unit contemplated will comprise the stadium, 200 by 500, and two stock barns, each 100 by 200, and of fireproof construction. The stadium will house an arena of 100 by 200, with amphitheatre seats banked around the sides, seating 7,000. Contract work on the first three structures will probably be undertaken early in the year, to cost about $150,000.

HOTEL—15 story and base. Class A construction, $750,000. Portland, Ore. Architect, D. L. Williams, Chamber of Commerce Bldg., Portland. Owner's name withheld.. Location, western part of city. Only preliminary plans for this work have been prepared and details will be given when the work has progressed far enough to justify the architect in announcing the location and owner's name.

SEATTLE AND WASHINGTON.

FACTORY—5 story and base, mill construction. Cost not stated. Seattle, Wash. Architect's name not given. Owners, Bemis Bros.' Bag Co. Contractors, Black Construction Co., Alaska Bldg., Seattle. Contract price not stated.. Note: Building will cover an area of 75 by 165 feet.

POST OFFICE—2 story and base, brick and steel. Cost not stated. Wenatchee, Wash. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. All bids received for this work have been rejected and new figures are now being taken. Bids will be opened on January 19th.

SEATTLE EXPORTS HEAVY.

SEATTLE, Wash.—Custom house figures show the foreign commerce of the District of Washington in the first eleven months of the Calendar year amounted to $319,275,000, being more than double the total of the same eleven months of 1915. Trade with China, Japan and Vladivostok responsible for the increase.

CITY BIDS OPENED.

Three sets of figures were opened by the San Francisco Board of Public Works at the regular Wednesday meeting for cutting granite at the Old Hall of Records site. No figures were received for borings at the Hetch-Hetchy site and bids were re-advertised to be opened on January 5th.

At the same meeting bids were called for to be opened on January 31st for furnishing the city and county with motor busses to be operated through Golden Gate Park.

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J. H. Fitzpatrick.. ..... $4,336.80
McDonald & Bodray..... 4,236.80
McGilvray-Raymond Granite Co
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Urbana, Illinois.

As a result of underground excavation which is made in the process of mining, the earth's surface frequently subsided to an extent which interferes with the stability of buildings, railroads, and other facilities which may exist on the surface. Where subsidence is occuring or in the immediate future is likely to occur, building projects on the surface must take account of these facts.

The comparative newness of most of our mines is probably responsible for the fact that the subject only recently has attracted wide-spread attention.

The subject is one which has recently been studied by the Engineering Experiment Station of the University of Illinois in co-operation with the State Geological Survey and the United States Bureau of mines.

The investigators, Professor L. E. Young and Professor H. H. Stoek, have summarized existing facts as presented by the literature on the subject, have conducted an extensive correspondence with mine operators and mine workers throughout the coal mining districts of the United States, and have studied local conditions as they now exist in the mining districts of western Pennsylvania, West Virginia, Maryland, and Illinois.

The results of these investigations are presented in Bulletin No. 91 of the Engineering Experiment Station, a book of 200 pages, well illustrated.

Copies may be obtained gratis upon request from W. F. M. Goss, Director, Urbana, Illinois.

TULARE PLANS MORE ROADS.

VISALIA, Cal.—B. O. Lovelace, Tuare county surveyor, has filed with the board of supervisors his detailed report on the county road situation in Tulare county, with a recommendation that funds for the construction of more than 1000 miles of permanent highways be secured through a direct tax to be voted at the rate of $400,000 per year. Lovelacce, pointing out that the saving in interest charges would more than take care of the upkeep charges on new roads built, declares that a small advance over the present tax rate would build the necessary trunk lines in [illegible] years. In ten years, more, he [illegible] at the rate of $40,000 per year, [illegible] could be com-[illegible]

EXAMINATION FOR CONSULTING ENGINEER.

January 6th is the date set by the San Francisco Civil Service Commissioners when an examination will be held for the position of Consulting Engineer with the Bureau of Building Inspection of the Board of Public Works. [illegible] $300 a month. The subjects and weights on a scale of 100 are: Education and training, 20; Responsible and general experience, 20; Responsible and local experience, 10; Personality and fitness, 20, and written examination, 30.

U. S. ENGINEER AT BERKELEY.

BERKELEY, Cal.—Entrusted with the mission of spending on road improvements in California, Nevada, Arizona and New Mexico the enormous sum of $5,440,701, Charles H. Sweetzer, district engineer of the United States office of public roads, has arrived in Berkeley and opened his district headquarters in the Federal Building here. His assigned task is the administration of the funds allotted these states under the federal aid road act of July 11, this year.

With the work of four portions of roadway along the route of the State Highway commenced, the government's assistance in Califoania has already begun to be a reality.. These portions are as follows: Contra Costa county, Albany to Richmond; San Mateo county, Beresford to Redwood City; Ventura county, Springville to the Santa Clara river, and Placer county, Roseville to Penniman.

The federal aid road act is being administered from Washington by Secretary of Agriculture David F. Houston. His department has appointed a number of district engineers assigned to different portions of the country. Sweetzer having the four southwestern [illegible]s.

The appropriation made by the act is of $85,000,000. Of this amount $75,000,000 is to be devoted to post roads and $10,000,000 to national forest roads. In the fiscal year ending June, 1917, $5,000,000 of the total will be expended; $10,000,000 in the next fiscal year, $15,000,000 in the third and so on until the total has been exhausted in five years. It is provided that the amount the government spends shall not more than equal that spent by the individual state for the same purpose, so that the total will ultimately represent an improvement of highways throughout the country to the extent of $170,000,000.

The apportionment for the four states in Sweetzer's district for the present fiscal year is as follows: Cali[illegible], $151,093; Nevada, $68,513; Arizona, $68,513; New Mexico, $78,737. For the total period over which the appro[illegible] four states will reap federal benefits [illegible] California, $2,[illegible]; Nevada, $965,974; Arizona, $1,027,702; New Mexico, $1,181,067. The total for the fiscal year in the four states is $862,711 [illegible] period, $5,440,701.

land, president of the Pittsburgh Chamber of Commerce, is the chairman of this committee. All available data is being collected with a view to its presentation to the delegates assembled in Washington.

Several suggested amendments to the by-laws of the National Chamber will be voted upon at the Annual Meeting. One would create a new class of membership—Associate Members, and another an endowment fund with the possible view of building a home for the National Chamber in the future.

National Council to Meet.

As is usual, the National Council will meet on the afternoon preceding the first day of the Annual Meeting. It will assemble Tuesday, January 30. All sessions of the National Chamber meeting will be held at the New Willard Hotel.

HEALTH NEWS.

Consider the automobile. When the car is going to stand still for more than a few minutes the driver stops the engine. By doing this he saves gasoline, oil, and above all, useless wear and tear on the machinery. If he lets the engine "run idle" he has wasted a lot of valuable material, shortened the life of his engine and in the meantime the automobile hasn't budged an inch.

The birds build nests for the protection of their young against the weather; the foxes dig holes for security against foes; the squirrels lay by stores of nuts against the coming of winter; and dogs bury bones against the day when bones will be scarce. These are the manifestations of a normal protective instinct arising from an experience of many, many generations. So far as is known through, no bird ever tried to build more nests than his neighbor; no fox ever fretted because he only had one hole in which to hide; no squirrel ever died of anxiety lest he should not lay by enough nuts for two winters instead of for one; and no dog ever lost any sleep over the fact that he didn't have enough bones laid aside to provide for his declining years.

This protective instinct is also present in the human mind and when properly directed is a great source of prosperity both to the individual and the nation. In order for man to store up and lay by, to gain advancement either in honor or material things, it is necessary that he take some forethought of the morrow, but just so soon as he carries this beyond the normal point the mental process becomes an exaggerated and abnormal one. The normal protective instinct is stimulated by a normal fear of those events which are reasonably sure to happen in the future unless means are adopted against them. The moment that this fear becomes abnormal or exaggerated it over stimulates this protective instinct and to no good purpose because it results in worry. This worry continues long after the necessity for the normal stimulates of fear has passed, with the result that there is an impairment in mental power and a dissipation of the nervous forces. In other words, the mental engine has been "running idle" and at the same time delivering no propulsive power. In fact, worry is an abnormal state.

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Not all worry is preventable but for the most part it can be avoided. Most of our fears are never realized, and as a rule, if we meet our troubles day by day as they come without worrying about them before they arrive or fretting over them after they have passed, we will find that we have the strength to rise above them. Worry undermines the health to a certain extent. It really weakens the mental forces by tiring them out by doing nothing. Usually the relief from worry rests with the victim of this unhappy habit himself, but sometimes the real causes are not the ones which seem to explain the condition and we must go deep into our lives or have the assistance of those who are skilled in unraveling mental processes.

The best antidote for worry is a change of mental occupation, a getting away from the scenes which provoke worry, exercise in the open air, a good book, a pleasant recreation, or a temporary change of occupation. As a matter of mental health every sufferer from this unfortunate condition owes it to himself to discover some simple means of getting away from this habit which is destructive to health and peace of mind alike.

AN ANCIENT LIGHT.

It is something of a distinction to possess the oldest established seacoast light in America, and Boston, Mass., and the Federal Government did well recently to celebrate the two hundredth anniversary of the ancient beacon at the entrance to this harbor. Boston Light is famous the world over. For two centuries it has welcomed the mariner bound in and bid godspeed to those who were leaving these shores behind. It has stood for safety, confidence, happiness, much as the city above it has stood for like qualities in its civic life. Steadfast upon its rock, the present structure has rested for 140 years, exactly the age of the American Republic. May the double omen continue to be propitious.—Boston Post.

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CONSTRUCTION WORK ABROAD

COSTA RICA.

Construction of Central American Court of Justice Building.

SAN JOSE, Dec. 2.—According to the local press, work will begin within a few days on the new building for the Central American Court of Justice at San Jose, donated by Mr. Andrew Carnegie. This is to take the place of the palace at Cartago destroyed by the earthquake in 1910.

The Costa Rican Government has furnished the land for the building and will have supervision over the construction work. The contract for the complete structure has been let to Mr. Wenceslas de la Guardia, 202 Riverside Drive, New York City, N. Y. The local representative of the contractor is Mr. Roberto Smythe, San Jose. It is understood that the equipment of the English Construction Co., now in use in building the Government post and telegraph office at San Jose, will be utilized in building this new palace.

ECUADOR.

Interurban Electric Line for Quito.

GUAYAQUIL, Nov. 17.—The Ecuadorian Congress has authorized the municipality of Quito to grant an exclusive concession for a period of 30 years to any person or company who will construct an electric railway line from the capital to any town or towns of the canton. The concessionaire must agree to complete the construction of the railway within two years and must pay to the municipality of Quito not less than 5 per cent of the gross receipts for the first five years, with an increase of 2 per cent for each following 5-year period. On the expiration of the contract the railway, with all rolling stock shall become the property of the municipality. The railway shall be exempt from all taxation and the municipality shall request the free entry of all materials required in the construction of the railway. Native bidders for the contract shall be given preference over foreign bidders where conditions are equal

PHILIPPINE ISLANDS.

Construction of Port Works.

MANILA, Nov. 1.—Port works at Tacloban, Leyte, involving the expenditure of $50,000, are expected to be completed by January, 1917. Further improvements of this port are contemplated and the matter of additional funds will be taken up during the present session of the Philippine Congresss. The additional work will include an extension of the wharf. This will include a modern bulkhead with an extensive filled-in area for warehouse. The province of Leyte is tc furnish $50,000 for the work. The province is also arranging to provide funds for a new provincial building at Tacloban to cost about $100,000.

The city of Cebu is also engaged in extensive wharf construction. The project has been but recently authorized and the orders are about to be placed for materials. It is expected that the projected work will practically double the wharf area of Cebu and reclaim a large area of lowland for warehouse purposes.

Tagbilaran, Bohol, is planning the construction of a new wharf and the deepening of the channel of the port. The construction of a road leading to the site of the proposed new wharf has been begun.

Work has been suspended on the jetty at Calbayog, Samar, until the end of the present monsoon season.

Practically all the concrete work has been completed on the new customs house at Iloilo. It is expected that the roof will be finished before the first of the year. This work has been retarded by the failure of hardware to arrive from the United States.

NEW ZEALAND.

Harbor Reclamation Scheme at Auckland.

AUCKLAND, Nov. 6.—The Auckland Harbor Board has arranged to reclaim about 8 acres of land on the shores of the Waitemata Harbor near this city at a total cost of about $194,660. In doing this it will remove some annoying bluffs adjoining the shore and open up some valuable building property.

This reclaimed land is to be held by the Auckland Harbor Board and leased to the public as has been done in the past. Extending beyond this it is intended to reclaim additional land from the harbor. It is proposed to begin work on this improvement immediately and push it to an early completion.

Public School Buildings in New Zealand

The matter of suitable and convenient school buildings is being given much attention by the education department of the New Zealand Government, and there seems to be an inclination to adopt a uniform style of buildings for the larger towns and city schools to accommodate from 300 to 400 pupils. It is suggested that these might be erected of reinforced concrete after models so as to materially decrease the cost.

It is also proposed to erect standardized portable school houses for growing suburbs and country schools, with the idea of changing the location as the population changes or increases. It is claimed that by this means fairly up-to-date accommodation can be furnished for pupils in all parts of the country at a comparatively reasonable cost.

Railroad Construction in North Island.

There is a strong move on foot in the North Island of New Zealand in favor of the construction of additional railroads so as to open up much valuable and fertile country that now is quite inaccessible.

This country is located in the north and northeastern part of the North Island and is only reached by steamer. The railroad mileage in the North Island on March 31, 1916, was 1,240 miles, whereas the South Island has 1,714 miles. Farming and industrial interests of the North Island feel that this part of the country would warrant a greater investment in the railroads in order to properly develop the country, so as to open up suitable areas on which to locate returned soldiers and the immigrants who are expected from allied countries at the close of the war.

It is probable that there will be definite opportunities at the close of the European war for supplying railway material, that has come in the past so largely from European manufacturers.

TO CONSIDER WAR-TIME COMMERCIAL CONDITIONS.

Business Men Will Assemble at the Capital Next Month at a Gathering of the National Chamber to Devise Further Means of Meeting Perplexing Problems Caused by the War's Duration and the Approach of an Inevitable Peace.

WASHINGTON, D. C.—Following an urgent call to participate in a discussion of pressing national questions now facing American business, representatives of commercial organizations all over the country have signified their intention of being present in larger numbers than probably ever before, at the Fifth Annual Meeting of the Chamber of Commerce of the United States to be held in Washington, January 31, February 1 and 2.

The war having opened a new era in world commerce, business men are now facing conditions without precedent which will have to be met at its close. It is argued this state of affairs will, of course, affect our foreign trade and it will also have far-reaching influence upon domestic business.

Railroad Situation and National Defense on Program.

Accordingly, the railroad situation, national defense, and many other questions of paramount importance are included in the subjects to be discussed at the meeting. It is because these issues are so urgent and of such vital importance to our future development that the unusually large representation promises to be in attendance. Business men to the number of from one thousand to fifteen hundred, selected as delegates and alternates by the commercial bodies affiliated with the National Chamber will be present.

In dealing with the preparation for conditions after the war, prominent speakers will discuss separate phases, such as business, finance, transportation, and education for foreign trade. Of particular interest will be that part of the discussion devoted to the railroad situation.

Important Referendum Vote Will Be Announced.

At the time of the Annual Meeting the result of a National Chamber referendum upon which the commercial bodies of the country are now voting will be announced for the first time. It has to do with disputes between railroads and their employees, particularly the prevention of strikes and lockouts. The canvass will show exactly how the business men of the country stand on this subject.

Having already endorsed a comprehensive plan for national defense, a special session will be set aside for this subject. Thursday morning, February 1. It is expected there will be three speakers and then the report of the National Chamber Committee on National Defense, through its chairman, Bascom Little, formerly president of the Cleveland Chamber of Commerce. The National Chamber strongly advocates universal military training, upon which discussion is expected to center.

Daylight Saving from a National Standpoint.

Among the numerous committee reports to be presented, more than passing attention will be attracted by that on daylight saving. Robert Gar-

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OAKLAND FIRM TO SELL TO RUSSIA

OAKLAND, CAL.—In the hope of clinching a $650,000 order for the supply of tractors to the French and Russion governments, the C. L. Best Gas Traction Company of this city and San Leanrdo has sent its export agent to Europe to submit estimates and other details. According to H. T. Montgomery, manager of the Best Company, the concern is confident of receiving the foreign government contracts.

Two orders are anticipated from Russia for 130 tractors at a cost of about $50,000. Negotiations for these tractors, which are presumably to be used for agricultural purposes, are being conducted through the Russian government. Representatives of the Russian government recently visited the Best plant in San Leandro for the purpose of inspecting the tractors manufactured there.

The French government, through its department of agriculture, recently requested the Best Company to submit estimates for the supplying of 40 tractors.

TRACKLESS CARS MARTINEZ PLAN.

MARTINEZ, Cal.— Trackless cars of the Fageol type are proposed here to solve the transportation problem. It is planned to operate these cars on regular schedules throughout the city. The town trustees are considering the problem.

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*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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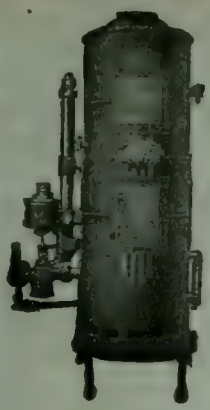
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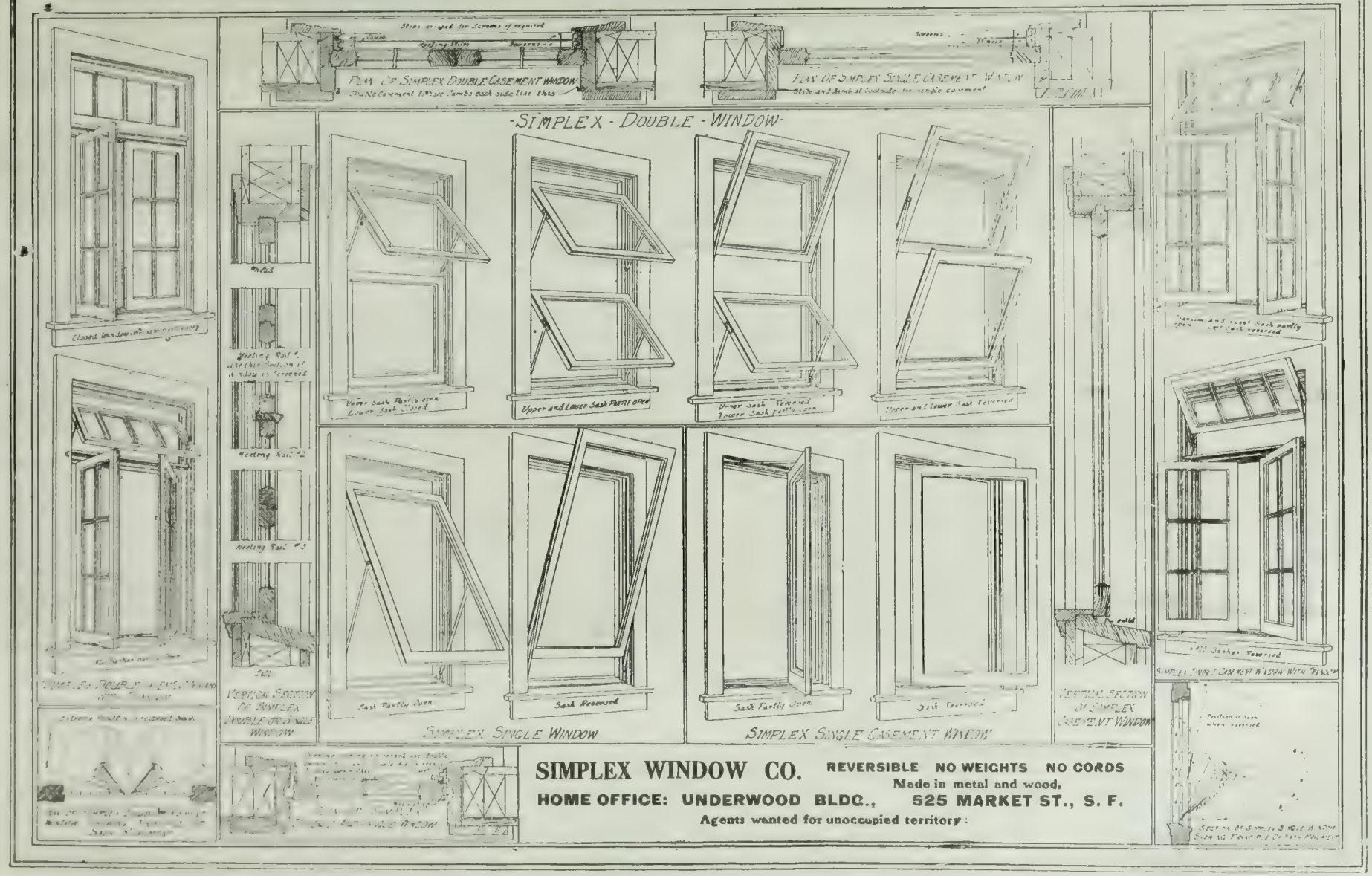
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BOOSTER EDITION.

Comprehensive Outline Of Construction To Be Undertaken During The Year By Public And Private Interests Throughout The State As Compiled By The Building & Engineering News.

(Additional Advance News Will be Found Under the Usual Headings in This Issue.)

In this, The Booster Edition of Building & Engineering News, there is represented a total of $50,766,750 which will be expended for construction by public and private interests in the State of Califronia during the present year. With the exception of the amounts to be expended by the State Highway Commission and by the State Engineering Department in Southern California this section of the State has not been included. Another important source, the Southern Pacific Co. and Santa Fe System, the totals of which will also represent several millions, has had to be omitted as has other public service corporations which refuse to furnish estimates of prospective construction. The majority of the counties and cities in the State has not been included, as accurate estimates could not be secured at this time of the year.

San Francisco construction makes up the largest part of the work listed under private construction and while many architects have aided us, others have felt it against their best interests to disclose the nature or amount of prospective work in their offices. Private construction in the smaller cities and towns throughout the state has been noted whenever possible, but does not represent the total that will be expended.

FABRE & BEARWALD, Merchants' National Bank Bldg., S. F., 4 story and base, reinf. conc. lofts, Mission District Owner's name withheld.....$ 40,000
Three story and base., brick and steel, 4 stores and 15 apartments, 2 and 3 rooms, Mission District. Owner's name withheld 30,000
Three story and base, brick brick and steel, 50x100 feet, 15 apartments, 2 and 3 rooms Mission District. Owner's name withheld 25,000
Three story and base, frame, 12 apartments, 2 and 3 rooms, Western Addition. Owner's name withheld 18,000
Three story and base, frame, flats, Knoll Hill. Owner's name withheld 7,500
Three story and base, frame flats, Knoll Hill. Owner's name withheld 6,500

FALCH & KNOLL, Hearst Bldg., S. F. Three 2 story and base, frame residences with separate garage, Forest Hill. Owners, Newell-Murdock Co., each 15,000
Two story and base, frame residence with separate garage, Forest Hill. Owner Charles Dixon 7,000
Two story and base, frame residence with separate garage, Forest Hill. Owner, A. Perry 7,000
Two 2 story and base, frame residences, St. Francis Wood. Owner's name withheld, each 10,000
Two story and base, frame residence, Piedmont, Alameda County. Owner's name withheld 8,000

SMITH O'BRIEN, Humboldt Bank Bldg., S. F. Prospects for 1917 are very promising. Several good sized jobs will go ahead as soon as negotiations with tenants are closed. Two out-of-town jobs, totaling $100,000 will be awarded early in 1917.

HENRY SHERMUND, Mills Bldg., S. F. Four story and base, brick warehouse, junction of 15th and Vermont Sts. and San Bruno avenue. Owner C. R. Peterson. [illegible]
One and 2 story, brick, steel and corrugated iron manufacturing plant, San Mateo County, 10-acre site. Owner's name withheld 70,000
Two story and base frame residential flats, east 5th avenue near Preston Way. Nathan Delbanco, (additional [illegible]
Three story and base, Class C apartment house, west 7th street between Folsom and Harrison, 50x160 feet. Owner's name withheld 30,000
Two 3 story and base, frame flats, Potrero District. Owner's name withheld [illegible]
[illegible]
frame, northeast 9th avenue and Irving. G. F. [illegible]

LAMB, T. NARBETT, Richmond Cal. Two story and frame hotel. Oleum, Contra Costa County. Owners, Union Oil Company 22,000

Two story frame apartments, Antioch, Contra Costa County. Owner, W. E. Calahan 9,000

Two story and base, reinf. concrete theatre. Location not given. Owner's name withheld 25,000

Three story and base, brick and steel hotel, Richmond. Herbert F. Brown..... 30,000

Two story frame flats, Richmond, Contra Costa County. Owner's name withheld..... 6,000

Two story and base, brick stores and lofts, Richmond, Contra Costa County. Ownname withheld 12,000

Two story and base, frame apartments, alteration, Richmond, Contra Costa County. Owners, California Home Builders 6,000

One and a half story and base, frame residence, Martinez, Contra Costa County. Owner's name withheld 3,000

Two story and base, frame residence, Martinez, Contra Costa County. Owner's name withheld 4,500

Bungalow court, 1 story and base, frame residences, Richmond. Owner, James T. Narbett 5,000

Three or four story and base, brick and steel frame apartments, Richmond, Contra Costa County. Owner's name withheld 35,000

WOOD & SIMPSON, 110 Sutter St., S. F. 2 story and base, brick and frame residence, San Francisco. Owner's name withheld 28,000

Two story and base, frame residence, Berkeley, Cal. Owner's name withheld 7,000

One and a half-story and basement frame residence, Berkeley, Cal. Owner's name withheld 3,000

Two story and base, church, Class A construction, San Francisco 148,000

Interior decoration and fittings for accounting room, San Francisco. Owner's name withheld 9,000

A. W. DELLIVER, Royal Insurance Bldg., S. F. 4 story and base. Class C apartment house, Leavenworth and Bush streets, S. F. Owner's name withheld 25,000

One story Class C garage, San Rafael, Marin County, Cal. Owner, Jules Levy 12,000

Addition to High School, Marin County, Cal. Cost not stated.

One story frame and plaster grammar school, Fairfax, Marin County, Cal..... 12,000

Three story and base. Class C hotel, Sacramento, Cal. Owner's name withheld 20,000

W. G. HIND, 46 Kearny street, S. F. 6 story and base, brick and steel apartment house, Western Addition. Owner's name withheld 50,000

Four story and base, brick and steel apartment house, Knob Hill District. Owner's name withheld 38,000

Four story and base, brick and steel apartment house, north of Market street. Owner's name withheld 40,000

Three story and base, frame apartment house, Western Addition. Owner's name withheld 35,000

Three story and base, frame apartment house, Western Addition. Owner's name withheld 15,000

Three story and base, frame apartment house, Knob Hill District. Owner's name withheld 10,000

Four story and base, brick and steel apartment house, Oakland. Owner's name withheld 70,000

Two story and base, frame apartment house, Berkeley. Owner's name withheld 10,000

COXHEAD & COXHEAD, Hearst Bldg., S. F. 2 story and base, Class C branch library, Octavia and Green streets. Owners, City and County of San Francisco.... 45,000

ROUSSEAU & ROUSSEAU, 110 Sutter street, S. F. 6 story and base, steel frame and brick stores and apartments, 107 rooms, southwest Geary and Leavenworth streets, 77½ by 68 feet 9 inches. Owner's name withheld 135,000

Six story and base, steel frame and brick, 4 stores and 95 rooms, northwest corner Eddy and Hyde streets. Owner's name withheld 85,000

Four story and base, steel frame and brick stores and apartments, southwest corner Post and Hyde streets. Owners, Gerard Investment Co... 90,000

Three story and base, frame apartments, 12 suites of 3 rooms, east 14th avenue between Geary and Anza. Owner, Dr. George I. Bluhm. Cost not stated.

Group of 1 and 1½ story and base, frame bungalows, Westwood Park. Owners, Baldwin & Howell, each 2,000

Four 2 story and base, frame residences with separate garages, St. Francis Wood. Owner's name withheld, each 8,500

Three 2 story and base, frame residences, 46th avenue near Fulton. Owner's name withheld, each 6,500

J. W. FORSYTH, 843 Van Ness avenue, S. F. 3 story and base, stores and apartments, 24 rooms, Richmond, Contra Costa County. Owner, Herbert F. Brown..... 14,000

One story frame garage, Richmond, Contra Costa County. Owner, Herbert F. Brown.... 1,000

One story and base, frame bungalow, Richmond, Contra Costa County. Owner, Herbert F. Brown 2,000

One story frame and corrugated iron factory, Richmond, Contra Costa County. Owner, Herbert F. Brown..... 6,500

Three story and base, frame apartment house, Richmond, Contra Costa County. Owners, Nevada capitalists..... 18,000

JULIA MORGAN, Merchants' Exchange Bldg., S. F. I can not state specifically the nature of work in prospect as it is against my clients wishes. I have about $175,000 under discussion already, which taken as separate projects will be divided about as follows: $25,000, $90,000, $10,000, $6,000, $36,000 and $8,000. All of these I think will go ahead this year

SMITH & STEWART, 244 Kearny street, S. F. 2 story and base, brick residence, 10 rooms, 3 baths and separate garage. Near San Rafael, Marin County. Owner, Dr. James Thompson 22,000

Alterations and additions to frame residences. Near San Rafael, Marin County. Owner, Thomas Smith 3,000

Four story and base, brick and steel apartment house, 96 suites of 2 rooms and bath. Downtown corner, covering an area of 137½ by 137½ feet. Owner's name withheld 174,000

Five story and base, brick and steel apartment house, 115 suites, Mission street. Owner, Dr. J. O. Shearer 160,000

MORROW & GARREN, Chronicle Bldg., S. F. Five 1 and 2 story and base, frame residences with basement garage, Richmond District. Owner, B. Getz, each 3,600

Two 2 story and base, frame residences, Thousand Oaks, Berkeley. Owner's name withheld, each 4,500

Two 3 story and base, frame apartment houses, Western Addition. Owner's name withheld, each 12,000

Two story and base, frame residence, separate garage, Berkeley. Owner's name withheld 10,000

F. HOLBERG REIMERS, Acheson Bldg., Berkeley. 3 story and base, Class C hotel, 45 rooms. Oakland. Owner's name withheld 35,000

Three story and base, frame and and plaster apartments, College Ave., Berkeley. Owner's name withheld 30,000

Two story and base, frame residence, Piedmont, Alameda County. Owner, George T. Kilham 5,000

Two story and base, frame residence, Claremont Court, Berkeley. Owner, C. J. Roberts. 6,000

Two story and base, frame residence, North Berkeley. Owner's name withheld 3,000

Two story and base, frame residence, Claremont, Berkeley. Owner's name withheld 5,000

Three story and base, frame apartment house, North Berkeley. Owner's name withheld 25,000

Two story frame stores, public garage and hall, Northbrae Owner, A. M. Harvey.. 5,000

Two story concrete and brick warehouse, Berkeley. Ownname withheld 45,000

Two story and base, frame residence, North Berkeley. Owner, W. Lawson 3,000

Three story and base, frame and plaster fraternity house, Berkeley. Owners, Sigma Nu 30,000

Two story and base, frame flats, Berkeley. Owner's name withheld 4,000

G. ALBERT LANSBURGH, 709 Mission street, S. F. 2 story and base, Class C branch library, Sunset District. Owners, City and County of San Francisco 45,000

One story frame auditorium and alterations to present building, Haight street. Owners, Young Men's Hebrew Association 18,000

Class A theatre, New Orleans, Louisiana. Owners, Orpheum Circuit 300,000

Alterations and addition to 4 story Class A department store, Geary and Grant avenue. Owner, M. Meyerfeld, leased to Livingston Bros.... 12,000

One story concrete, steel and brick packing plant and warehouse, Crook and Lusk streets. Owners, H. Levi & Co., leased to Ogden Packing Co. 30,000

FRANK S. HOLLAND, Call-Post Bldg., S. F. 3 story and base, frame apartment house, Grove and Fillmore streets. Owner's name withheld.... 27,500

Alteration and addition to mud baths, Calistoga, Napa County. Owner, G. Iacheri 5,000

Two story and base, frame residence, 20th avenue and Taraval street. Owner, Frank S. Holland 10,000

One story and base, frame and plaster market, Divisadero and Haight streets. Owner, Mrs. Rose Latz 6,500

LEWIS M. GARDNER, Phelan Bldg., S. F. 4 story and base, brick and steel apartment house, 64 rooms arranged in 24 suites, Powell west Bush. Owner's name withheld 40,000

Three story and base, frame apartment house, 54 rooms arranged in suites of 2, 3 and 4 rooms, 21st street near Valencia. Owner's name withheld 25,000

Three story and base, frame apartment house, 45 rooms arranged in suites of 3 and 4 rooms, West Berkeley. Owner's name withheld 22,000

Two story and base, Class C, 9 stores and 92 rooms arranged in suites of 3, 4 and 5 rooms, Sacramento street. Owner's name withheld 70,000

Four story and base, brick and stone bank and hotel, Butte County. Owner's name withheld 90,000

Six story and base, brick and steel apartment house arranged in suites of 2 and 3 rooms, Civic Center District 95,000

CHARLES EDWARD HODGES, Bankers' Investment Bldg., S. F. and Palo Alto. 2 story and base, frame and plaster residence and garage, Woodside, San Mateo County. Owner, William Fitzhugh 12,000

One story frame manual training school, Redwood City, San Mateo County. Owners, Redwood City School District... 10,000

Two story and base, frame residence and garage, St. Francis Wood. Owner, George Kennedy 6,500

Addition and alteration to apartment house, Oakland. Owner's name withheld 20,000

Two story and base, frame residence and garage, Palo Alto, Santa Clara County. Owner's name withheld 10,000

Two story and base, frame residence and garage, Burlingame, San Mateo County. Owner's name withheld 8,000

O. R. THAYER, 240 Montgomery street, S. F. 3 story and base, brick and steel apartment house, Madison street, Oakland. Owner's name withheld 58,000

Three story and base, frame apartment house, Walsworth street, Oakland. Owner's name withheld 24,000

Three story and base, stores and flats, frame, two six-room flats, 42nd avenue, Sunset District. Owner's name withheld 9,500

Two story and base, frame residence, Merritt Terrace, Oakland. Owner's name withheld 4,800

Two story and base, frame residence, Merritt Terrace, Oakland. Owner's name withheld 3,700

Two story and base, frame residence, Stockton, San Joaquin County. Owner's name withheld 6,500

Two story and base, frame flats, remodel, 18th avenue, Sunset District. Owner's name withheld 4,000

Three story brick and steel lodge building, Vallejo, Solano County. Owner's name withheld 32,000

EDWARD G. BOLLES, 660 Market street, S. F. 6 story and base, brick and steel apartment house, southeast corner Pine and Stockton streets. Owner's name withheld 82,000

Five story and base, brick and steel loft building, Mission and Ecker streets. Owner's name withheld 72,000

Two story and base, reinforced concrete and brick automobile sales rooms and garage, Geary near Van Ness. Owner's name withheld 30,000

Three story and base, brick and steel lofts, Second near Harrison. Owner's name withheld 35,000

NOBLE T. & J. C. NEWSOM, 1422 Broadway, Oakland. 2 story and base, frame apartment house, Euclid avenue. Owner, E. Bernard 11,000

One story and base, frame stores, 7th street and Broadway, Oakland. Owner's name withheld 7,000

One story and base, brick garage, East 14th and 37th avenue 6,000

JOHN J. DONOVAN, Perry Bldg., Oakland. Three 2 story and base, Class C branch libraries, Oakland. Owners, City of Oakland, each 35,000

[illegible] concrete school, Elko, Nevada. Owners, City of Elko .... [illegible]

Three and four [illegible] Class A construction hospital, Oakland. Owners, Providence Sisters Hospital .... [illegible]

Two 1 and 2 story reinforced concrete school. Location not given. Owner's name withheld .... [illegible]

A large number of other prospective jobs are pending, assured this office, details of which will be given later.

C. W. DICKEY, Perry Bldg., Oakland. Four 2 and 3 story frame and concrete residences, Honolulu. Owner's name withheld .... [illegible]

Ten or 12 story and base, Class A construction office building, Oakland. Owner's name withheld .... [illegible]

One story and base, reinforced concrete high school, Hawaii. Owner's name withheld 30,000

One and 2 story and base, reinforced concrete plantation office, Hawaii. Owner's name withheld .... [illegible]

One story and base, reinforced concrete and steel power power house, Hawaii. Owner's name withheld .... [illegible]

C. H. SKIDMORE, Call-Post Bldg., S. F. 3 story and base, frame apartment house, 12 apartments of 4 rooms each, northwest Green and Pierce streets. Owner's name withheld 20,000

Two 1 and 1½ story frame and brick residence bungalows, southwest Green and Pierce streets. Owner's name withheld, each .... [illegible]

One and one-half story frame and brick bungalow, Jackson between Presidio and Lyon streets. Owner's name withheld .... [illegible]

Ten story and base, Class A construction hotel apartments, Bush street, covering an area of 56 by 80 feet and containing 180 rooms. Owner's name withheld 110,000

Eight story and base, brick and steel stores and lofts, 5th street, covering an area of approximately 40 by 90 feet. Owner's name withheld .... [illegible]

Three story and base, frame apartment house, Piedmont, Alameda County. Will contain 12 suites of 4 rooms. Owner's name withheld.... 18,000

Three story and base, frame apartment house, Fulton and Haste streets, Berkeley. Will contain 15 suites of 2, 3 and 4 rooms. Owner's name withheld .... [illegible]

Two story and base, frame and plaster country residence, 10 rooms and 4 baths, 2 garages, Crocker Highlands, Alameda County. Owner's name withheld .... [illegible]

Two story and base, frame residence, 7 rooms and 2 baths, Claremont Court, S. F. Owner's name withheld .... [illegible]

HENRY C. SMITH, Humboldt Bank Bldg., S. F. 2 story and base reinforced [illegible]

brick high school, Anderson, Shasta County. Owners, Anderson High School District 60,000

Two story and base, brick or reinforced concrete high school, Yreka, Siskiyou County. Owners, Yreka Union High School and Junior College 85,000

One story and base, brick and concrete garage, Yreka, Siskiyou County. Owners, Yreka Auto Garage Association... 10,000

One story and base, brick and frame grammar school, Rio Vista, Solano County. Owners, Rio Vista Grammar School District 25,000

One story and base, brick and reinforced concrete bank, Rio Vista, Solano County. Owners, Bank of Rio Vista.. 12,500

Three story and base, brick and steel apartment house, O'Farrell and Franklin Sts. Owners represented by Umbsen & Co. 25,000

Three story and base, frame apartment house, California near Gough. Owner's name withheld 30,000

Two 3 and 4 story, reinforced concrete community apartments, Green and Taylor. Owners, Marine View Terrace Association 175,000

Three story and base, frame apartment house, San Mateo, San Mateo County. Owners, Lee Estate 15,000

A. C. LUTGENS, Humboldt Bank Bldg., S. F. In reply to your letter regarding Booster Edition will say: I have several plans on the boards, the total cost of construction of which will amount to over $100,000. I regret, however, that I cannot as yet give out further information.

AUGUST G. HEADMAN, Call-Post Bldg., S. F. 1 and 2 story frame and concrete resort hotel, Greek theatre, cottage and power house, Mountain Ranch, Calaveras County. Owners represented by I. J. McGee, Plaza Hotel, S. F. Will consist of a 200-room hotel, a number of bungalows, power house, club building, etc. 250,000

Three or 4 story and base, reinforced concrete auto sales rooms and garage, Van Ness avenue, covering an area of 93 by 106 feet. Owner's name withheld 72,000

One story and base, reinforced concrete auto shops, etc., Golden Gate avenue and Gough street. Owners, Gihrecke and Kuner Estates.... 20,000

One and 2 story, reinforced concrete garage, etc., Folsom and 21st streets. Owners, J. Allec Cleaning and Dying Works 20,000

Alterations and addition to motion picture theatre, Class C to Class A construction, 18th and Castro. Owner's name withheld 5,000

Two story and base, frame residence and separate garage, Berkeley. Owner, Mrs. B. Whiteside 7,000

A. W. SMITH, 1010 Broadway, Oakland. 3 story and base, frame apartments, 6 suites, Berkeley. Owner's name withheld 12,000

Three story and base, frame apartments, 6 suites, Oakland. Owner's name withheld 9,000

Three story and base, frame, 6 stores and apartments, Piedmont. Owner's name withheld 17,500

Two 2 story and base, frame residences, 7 and 8 rooms, San Francisco. Owner's name withheld, each 5,000

Two 1 story and base, frame bungalows, San Francisco. Owner's name withheld, each 6,500

Four story and base, brick and steel hotel, Oakland. Owner's name withheld 55,000

Hotel building, Oakland. Owner's name withheld 135,000

Store and hotel building, Oakland. Owner's name withheld 140,000

Apartment house, 12 apartments, Oakland. Owner"s name withheld 25,000

One story brick or concrete garage, Berkeley. Owner's name withheld. (contract let but not recorded) 12,500

One story frame and concrete factory, Oakland. Owner's name withheld. (Contract let but not recorded)..... 6,450

RICHARDSON & BURRELL, Albany Bldg., Oakland. 6 story and base, reinforced concrete apartment house, business district, Oakland, 75 by 235 feet. Owner's name withheld 240,000

Nine story and base, reinforced concrete community apartments, 14th street, Oakland. Owner's name withheld 185,000

Three story and base, frame apartment house, 14th street, Oakland. Owner's name withheld 40,000

Six story and base, reinforced concrete apartment house, Oak street, Oakland. Owner's name withheld 75,000

Three story and base, frame Italian Terrace apartments, Lake Merritt water front, Oakland. Owner's name withheld 90,000

Three 3 story and base, frame apartments, Grand avenue, Oakland. Owner's name withheld, each 15,000

One and two story frame terrace bungalow apartments, Upper Broadway, Oakland. Owner's name withheld..... 25,000

Four story and base, brick and steel hotel, Clay street, Oakland. Owner's name withheld 45,000

Two story and base, brick Masonic Temple, San Joaquin Valley town. Owners, Masonic Temple Association... 28,000

Boys college group, fireproof, including gymnasium, administration, auditorium, manual training, dormitories and 12 class rooms. Location not given. Owner's name withheld 100,000

Two story and base, brick market, Ninth street, Oakland. Owner's name withheld 10,000

Three story brick factory, Oakland waterfront. Owner's name not given 20,000

Two story brick garage, 29th and Broadway, Oakland. Owner's name not given.... 9,000

THOMAS M. EDWARDS, Bank Bldg., Burlingame. 2 story and base, bank and offices, Grand and Linden avenues, South San Francisco, 50 by 75 feet. Owners, Bank of South San Francisco. Portion of the first floor leased to the Cattle Loan Co..... 50,000

Two story and base, frame residence, San Mateo Park. Owner, Pulon S. Smoot 6,000

Two story and base, frame residence, San Mateo Park. Owner, Mrs. D. F. Walker... 8,000

Two story and base, frame apartment house, San Mateo. Owner, Mr. Camepa 10,000

Two story and base, frame residence, San Mateo Park. Owner, Mr. O. Olsen 9,000

One story and base frame residence, Easton, San Mateo County. Owner, Charles Finger 3,200

One story and base, frame residence, Easton, San Mateo County. Owner, Edward McRiskey 4,000

Two story and base, frame residence, separate garage, Palo Alto, Santa Clara County. Owner, Joseph Torber 10,000

Two story and base, frame residence and separate garage, El Cerito Park, San Mateo County. Owner, Samuel Goslinsky 8,000

Two story brick stores and offices, Eastor, San Mateo County. Owner, C. S. Crary.. 10,000

Two story and base, frame residence and separate garage, San Mateo Park. Owner, J. W. Wolf 9,000

W. H. WEEKS, 75 Post street, S. F. 1 and 2 story reinforced concrete theatre and stores, Clement street east of 8th avenue, 75 by 150 feet, with a seating capacity of 1600 people. Owner, J. R. Saul 85,000

One story and base, brick and concrete school, Colusa, Colusa County. Owners, Colusa High School District 70,000

Two story and base, brick and steel school, Salinas, Monterey County. Owners, Salinas High School District... 100,000

E. C. HEMMINGS, 1005 K St., Sacramento. One story and base, reinforced concrete school, Washington School District, Yolo County. Owners, Washington School District 30,000

Two story and base, frame residence, Sacramento. Owner, E. C. Wescott 5,000

Store alterations, 3 story, Class C construction, Sacramento. Owner's name not given..... 15,000

Three story and base, brick or reinforced concrete apartment house, Sacramento. Owner's name withheld 50,000

Two story and base, frame and plaster residence, Sacramento. Owner's name withheld. 15,000

R. A. HEROLD, Forum Bldg., Sacramento. 4 story and base, Masonic Temple, Class A construction, Sacramento. Owners, Sacramento Masonic Temple Association 300,000

Three story and base, reinforced concrete hospital, Sacramento. Owner, Dr. White. 150,000

Three and four story and base, Class A construction hospital, Sacramento. Owners, Sisters Hospital 250,000

Completion of county hospital, hollow tile and brick, Sacramento 100,000

Other private construction, Sacramento 100,000

WASHINGTON J. MILLER, 417 Market street, S. F. Group of 1 and 2 story concrete and frame packing buildings near Walnut Grove, Sacramento County. Owners, Libby, McNeill & Libby, 417 Market street, S. F..... 100,000

MILTON LICHTENSTEIN, 111 Ellis street, S. F. 1 story brick and steel addition to factory, Sacramento street near Powell. Owners, S. & G. Gump Co. 10,000

Two story and base, brick and steel lofts, Mission street. Owner's name withheld 20,000

LEWIS P. HOBART, Crocker Bldg., S. F. 2 to 5 story and base, Class A and Class C Association building, Sutter Mason street. Owners, Young near Mason street. Owners, Young Women's Christian Association 150,000

Other private work aggregating $500,000 of which mention will be made later

LOUIS CHRISTIAN MULGARDT, Chronicle Bldg., S. F. 3 story and base, reinforced concrete residence, Campus, Stanford University, Palo Alto. Owners, Trustees of Leland Stanford University 80,000

Two story and base, fireproof country residence, Mt. Diablo District, Contra Costa County. Owner, Ansel Mills Easton 100,000

GEORGE WILLIAM KELHAM, Sharon Bldg., S. F. 10 story and base, Class A bank and offices, southeast Montgomery and California streets, 68 feet 9 inches by 137½ feet. Owners, American National Bank. Contractor, P. J. Walker, Monadnock Bldg. 600,000

Two and three story frame and concrete golf and country club, Lake Merced District, San Mateo County. Owners, Lake Merced Golf and Country Club 100,000

Two and three story reinforced concrete women's dormitories, Stanford Campus, Palo Alto, Santa Clara County. Owners, Leland Stanford University 100,000

HEIMAN & SCHWARTZ, 212 Stockton street, S. F. 7 story and base, brick and steel residential apartments, arranged for 7 room suites, servants' quarters and social hall, residence district. Owner's name withheld 90,000

Four 2 story and base, frame residences, 20th avenue and B street. Owner's name withheld 25,000

Two story and base, frame residence, Claremont Court. Owner's name withheld 9,000

REID BROS., California-Pacific Bldg. 10 story and base, Class A stores and offices, Main and Market streets, 137½ by 137½ feet. Matson Navigation Co. 500,000

This same firm has two other city jobs which will total $500,000 and country work which will total $250,000, besides considerable other smaller work in and out of the city.

EUGENE MATHEWSON, Cory Bldg., Fresno. 6 story and base, Class A stores and offices, J street, Fresno, covering an area of 150 by 100 feet. Owner, Mrs. Nellie Mason 165,000

Mr. Mathewson also has plans on the boards for a large apartment house to be erected in Fresno and for considerable other local work.

ERNEST L. NORBERG, Bank Bldg., Burlingame. 1 story and base, reinforced concrete school, Cloverdale, Sonoma County. Owners, City of Cloverdale 28,000

CARL WERNER, Phelan Bldg., S. F. 3 story and base, Class A Masonic Temple, Fresno. Owners, Fresno Masonic Temple Association 80,000

GLASS & BUTNER, Republican Bldg., Fresno. 1 and 2 story and base, brick and reinforced concrete warehouses and offices, Ventura and P streets, Fresno, covering an area of 133 by 200 feet. Owners, Pacific Coast Grocery Co. 100,000

KENNETH MacDONALD, JR., Holbrook Bldg., S. F. 10 story and base, Class A residential apartments, Richmond District. Owner's name not given 400,000

Three story and base, reinforced concrete barracks, 17th and Folsom streets. Owners, United States Volunteer Officers League of America 100,000

WILLIS POLK, Hobart Bldg., S. F. 3 story and base, Class A stores and offices, northeast Montgomery and Pine streets. Owners, McCreary Estate 50,000

Ten or 12 story Class A addition to Hobart building, facing Sutter street. Owners, Hobart Estate 500,000

Two story and base, frame and concrete country residence, San Mateo County. Owner's name withheld 50,000

STATE BOARD OF HARBOR COMMISSIONERS, Ferry Bldg., S. F. A total of about $2,500,000 will be expended by this board during the present year. This work will be divided as follows:

Construction of Pier [illegible] feet.

Pier No. [illegible] feet. Bids to be called during February.

Pier No. [illegible] feet. Bids to be called during February.

Rebuild or complete new pier and wharf shed on present Pier No. 46.

Bulkhead and bulkhead buildings on Wharf No. [illegible]

Repaving of Embarcadero.

Shops and Commission Yards on Sea Wall Lot No. [illegible] bounded by Embarcadero, Folsom and Stewart streets.

Improvements to Fishermen's wharf and cove, including construction of modern houses and sanitation of Taylor Street docks, construction of offices for Custodion service, etc.

Improvement of the outer 100 feet of China Basin and further development work.

A general line of development work to be pursued in Islais Creek.

CITY AND COUNTY OF SAN FRANCISCO, Architectural Department, City Hall.

Fairmount School to be erected in Fairmount Tract at a cost of $151,000 and $15,000 for yard work. Building will be erected on a hill and will be 1 and 2½ story brick and mill construction, brick faced. Will contain 24 classrooms and auditorium. Plans are being prepared by John Reid, Jr., and will be ready for figures on or about March 1st.

PLANS BY BUREAU OF ARCHITECTURE. The Department has completed plans and specifications which are now awaiting action of the Board of Public Works for four frame outhouses—two to be erected at the Francis Scott Key School and at the Monroe School, each to cost $3,000.

WARD & BLOHME. Plans under way for 2 story and basement brick firehouse to cost $35,000. Building will be erected at southwest [illegible] and Vermont. Plans will be ready for figures about February 14th.

Plans completed and bids will be taken in February for the construction of fire escapes on the Hawthorne and Irving M. Scott Schools. Each will cost about $[illegible] each structure.

CITY AND COUNTY OF SAN FRANCISCO, Engineering Department, City Hall. By far the largest expenditures in this department during 1917 will be for the further development of the Hetch-

Hetchy project and while definite appropriations for this work will not be made before June, it is assumed that considerably over $1,500,000 will be expended during this year. To this amount must be added funds expended for street and sewer construction, bridges and for the further extension of the municipal railroad system.

REGENTS OF THE UNIVERSITY OF CALIFORNIA. During 1917 the University Regents expect to expend $2,300,000 in construction. By far the greater part of this construction work will be under the direct supervision of Architect John Galen Howard, 604 Mission street.

A great "Student Union" building, with accommodations for a restaurant and cafeteria; rooms for student organizations, debating societies and publications, reading rooms and rooms for general resort by students

An auditorium to seat about 5,000 and to cost about $750,000.

A gymnasium, cost not stated.

An armory to cost $200,000, so that the university may cooperate more fully with the aims of the war department to create a corps of young men fitted to become officers.

Building for the medical department to cost $500,000.

The possible construction of buildings on the property of the Regents of the University of California in Oakland at 14th street, and also in San Francisco, may increase the total expenditure by a considerable amount.

STATE OF CALIFORNIA, Architectural Department, State Architect George B. McDougall, Forum Bldg., Sacramento. A large number of projects for state buildings are now being considered by the State Board of Control and will be in the hands of the State Printer within a day or two. It is safe to estimate that $2,500,000 will be expended on building construction through this office during the year, but the various institutions to be enlarged and the amounts appropriated for new construction can not be given until later.

STATE HIGHWAY COMMISSION, Forum Bldg., Sacramento. The $15,000,000 which will be available for construction during this year has been divided into two parts, i. e., $12,000,000 to complete the original system and $3,000,000 for joint payment for certain roads designated in the act, the balance to be paid by the various Counties.

About $10,000,000 in government funds will be expended during 1917 for road construction, of which amount California will receive about 20 per cent. These funds will be expended in the construction of highways adjacent to National Parks and National Forest Reserves.

UNITED STATES GOVERNMENT, Light House Service, Custom House, S. F. The most important expenditure to be made by this department of the United States Government during 1917 will be or the construction of a light house and fog signal station at Point Conception on the Humbodt County coast. The engineer's estimate for this work is $80,000, and bids will be called for during February or March.

VARIOUS CALIFORNIA COUNTIES. While a great many more counties than these noted are to vote bonds during this year, mention is here made of the most important brought to our notice by the County Clerks.

Sacramento County; $1,750,000 now available for highway construction,, bridges etc.

Stanislaus County recently voted bonds for $1,250,000 for highway construction, bridges, etc.

Humboldt County is now considering a bond issue of $1,500,000 for highways and bridges.

Amador County is considering a large bond issue for highways and bridges.

CITY OF SACRAMENTO. Among the larger projects which will be brought under construction by the city of Sacramento during 1917 are one and a half miles of levee construction estimated to cost $46,000, a school building costing $200,000, plans for which are now being prepared by Architects Shea & Lofquist, San Francisco; a $500,000 auditorium at 10th and I streets, together with a further bond issue of $2,500,000 for schools and $1,300,000 for a filtration plant and municipal water system.

OAKLAND AND ALAMEDA COUNTY. Aside from county highway construction and municipal improvements Alameda County and the City of Oakland have the following work in prospect for 1917:

First unit of a county hospital, Class A construction, $250,000. The project in its entirety will cost $1,000,000.

A county garage to be erected on lower Broadway, Oakland. Cost not stated.

A public museum to be erected jointly by Alameda County, the City of Oakland and State at a cost of $2,000,000.

Two branch libraries designed by Architect John J. Donovan, Perry Bldg., $45,000 each.

Addition to County Infirmary, Architect, Charles Peter Weeks, Phelan Bldg., S. F., $40,000. Completion of Infirmary, $800,000.

Federal post office, $1,000,000. Now recommended.

RECENT TESTS BY BUREAU OF STANDARDS.

Among the tests conducted recently by the United States Bureau of Standards as aids to the development of industrial methods were series relating to the construction of concrete columns and the production of insulating material.

Three tests were made of a special commercial insulating material to determine its fire-resisting properties. The material submitted by the manufacturers was intended for use in a number of instances to replace wood. The test specimens were about 18 by 18 inches and 6 inches thick.. They were placed in a furnace as a panel, one of the larger faces being exposed to the heat of the furnace and the other to the atmosphere. Upon being heated to 950 degrees in 30 minutes and held at that temperature for four hours it was found that the temperature at a distance of 1½ inches from the heat-exposed surface was about 240 degrees C. At a depth of 5½ inches from the heat-exposed surface 66 degrees was the highest temperature recorded. One of the blocks after having been subjected to this heat for the period mentioned was quenched with water. The damage to the specimen that was quenched was found to be less than to an unquenched specimen. This is explained by the fact that the blocks contained considerable organic matter which tended to be disintegrated by the heat transmitted very slowly from the heated surface even after the flame was removed from it.

First Columns of Kind to be Tested in This Country.

The series of tests of concrete columns was partly in the nature of an investigation and partly in the nature of routine testing. These are the first columns of their kind to be tested in this country. The unique feature is a hollow cast-iron core. This is surrounded by concrete, reinforced with both spiral and vertical reinforcing. Such a column may be made very cheaply. Not many results have yet been obtained, but the tests are still in progress. It would appear, however, that the load which these columns can sustain is considerably in excess of that which can be borne by the ordinary reinforced concrete column of an equivalent cross section.

NEW ENGINEER FOR SHASTA PROJECT NAMED.

ANDERSON, Cal.—Anderson-Cottonwood Irrigation District has a new Chief Engineer in Herman Fink, who has been appointed to succeed E. I. Davis. The appointment was announced By S. G. Roycroft, Chairman of the Board of Directors.

Davis was appointed two months ago to assist Thomas R. Means, consulting engineer, in making estimates of cost of completing the system. The estimate having been completed, Davis for a time performed the duties of Chief Engineer, filling the vacancy occasioned by the resignation of H. H. Henderson.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

(Additional Advance News Will Be Found on Pages 3 to 8 in This Issue.)

APARTMENT HOUSES.

SAN FRANCISCO.—Apartment house, 3 story and base, frame, $30,000. Architect, none. Owner, Michael Dempniak, 1828 Hyde street, S. F. Location, southwest Fell and Octavia. Will contain 21 suites of two and three rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel, $50,000. Architect, Joseph Cahen, 45 Kearny street, S. F. Owners, I. Rosenberg and Joseph Cahen. Location, southeast Sacramento and Laguna streets, covering an area of 72 by 85 feet. Will contain 14 suites of three and four rooms. Foundation in and work to be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame and steel, $20,000. Architect, none. Owner, W. E. Boyd, 4175 Park Boulevard, Oakland. Location, south 22nd street east Grove. Will contain 36 rooms arranged in two, three and four room suites. Plans complete and subfigures being taken by the owner.

LOS ANGELES, CAL. — Apartment house, 4 and 5 story and base, brick and steel, $150,000. Architect, L. T. Mayo, Black Bldg., L. A. Owner, L. T. Mayo Location, West 7th street, covering an area of 85 by 235 feet. Will contain 90 suites of two and three rooms. Plans complete and subfigures being taken.

SEATTLE, WASH. — Apartment house, 6 story and base, reinforced concrete, $125,000. Architect, V. W. Voorhies, Eitel Bldg., Seattle. Owner's name withheld. Location, 5th avenue and Lerora. Will contain 60 suites of two and three rooms. Plans are being prepared.

SEATTLE, WASH. — Apartment house, 8 story and base, steel, brick and concrete. Cost not stated. Architects, Charles Bebb and Carl Gould, associated, Denny Bldg., Seattle. Owner, F. M. Jordan, American Bank Bldg., Seattle. Location, Denny Hill District, covering an area of 60 by 120 feet. Will contain 75 suites. Plans are being prepared.

BONDS.

PALO ALTO, SANTA CLARA CO., CAL.—The Board of Education has set January 27th as the date to vote bonds of $200,000 for the erection of a high school building. Plans for the building have already bten prepared.

HANFORD, KINGS CO., CAL.—Officials of the California Peach Growers (Inc.) are contemplating the erection of a $30,000 warehouse building here. A building committee has been formed to work out the necessary details for the proposed structure.

SANTA CRUZ SANTA CRUZ CO., CAL.—Mayor Howe has been in consultation with a Mr. English who contemplates the leasing of space on the Municipal Pier for a $35,000 sardine cannery.

FOLSOM, SACRAMENTO CO., CAL.—The $20,000 bond issue voted by the people of the Folsom Sanitary District have been declartd valid, and the directors of the district will at once advertise them for sale.

MERCED, MERCED CO., CAL.—The School Board has set January 26th as the date to hold an election to select a site for the new high school building to be erected here. Bonds for the structure have already been voted.

MARYSVILLE, YUBA CO., CAL.—Bonds of $11,000, to be used in improvements, are being advertised for sale by the Treasurer of Yuba County.

CROCKETT, CONTRA COSTA CO., CAL.—J. H. Martin, a trustee of the Carquinez School District, states that his board of trustees are contemplating calling an election to vote bonds of $75,000 for the erection of a new school.

SEATTLE, WASH.—A preliminary session of an investigating board to decide upon plans regarding development of the proposed Horse Heaven irrigation project between tht Yakima and Columbia Rivers in Yakima and Benton Counties was held in this city by R. H. Thompson, Alaska Bldg.; O. Laurgaard, Railway Exchange Bldg., Portland, and A. J. Wiley Butte, Mont., consulting associated engineers on the project.

It was definitely decided to recommend the issuance of bonds in the sum of $15,000,000 which will be used to irrigate 209,000 acres of land in the district. An irrigation district of over 500,000 acres is to be formed and an election will probably be held early this year of property owners to vote the bonds.

In the entire project there are 511,000 acres of which 210,000 acres may be irrigated by the natural uow of supply streams 90,000 acres more may be irrigated by the addition of seven storage reservoirs and 110,000 acres by pumping. The total cost is estimated at $24,553,000, divided as follows: Main canal, $9,476,800; six laterals, $1,979,198, and two power and pumping plants, $561,900, of these the main canal would be completed first following which the following seven restrvoirs:

Reservoir	Height of Dam	Cost
Two Lakes	100	$1,302,400
Fish Lake	142	592,800
Caldwell	270	2,150,800
Briscoe	150	953,700
McCreedy	160	880,000
Teppe	125	750,000
Missouri	216	2,137,300
Total cost		$8,833,300

LAS VEGAS, NEV.—The $50,000 road bond issue has been sold and bids for construction work will soon be called.

MODESTO, STANISLAUS CO., CAL.—A bond issue for $10,000 will be held probably in April to provide funds for the construction of a municipal swimming pool.

SEAL BEACH, ORANGE CO., CAL.—Bonds in the sum of $[illegible],000 for the construction of a municipal water system were voted recently at the special election. Olmsted & Gillelen, Hollingsworth Bdg., Los Angeles, are the engineers.

HANFORD, KINGS CO., CAL.—The City Trustees have adopted plans and specifications for fire main extensions and additional fire alarm facilities, according to report submitted by Edward M. Lynch, City Engineer. An election will be held some time in January or early in February to vote bonds in the sum of $45,000 for improvements. The report was as follows: Main line pipe, $27,723.12, 4-inch line on Douty, Irwin and Redington streets, $1,795.92, 3,160 feet 4-inch line, $2,589.25; 3,324 feet 6-inch line, $3,380.61, 6,566 feet relaid pipe, $1,772.80, removing 3,234 feet of old pipe, $452.76; valves and fitting, $1,200, hydrant, $3,200, fire alarm boxes, $500. Total, $42,614.53.

BRIDGES AND DAMS.

STOCKTON, SAN JOAQUIN CO., CAL.—Bridges and culverts, reinforced concrete. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Plans and specifications were adopted for bridges and culverts to be built on county road No. 464, which extends south from the Farmington road. The structures to be built are two 20-foot culverts, one 40-foot trestle bridge, one 60-foot span bridge and one 120-foot bridge which is to include a 60-foot trestle and a 60-foot span. Bids were called for to be submitted February 6th.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete, $25,000. Engineer, City Department of Public Works, San Jose. Owners, City of San Jose. City Manager Thomas H. Reed reports that plans and specifications are nearing completion for a new bridge costing $25,000 which will replace the present dangerous structure located at 17th and Santa Clara streets.

SANTA ANA, ORANGE CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners Orange County. Plans are being prepared for the construction of a bridge across Santiago Creek on North Main street. The plans will call for a structure of reinforced concrete [illegible] feet long 40 feet wide which 40 feet will include 4-foot sidewalks on either side and 9 feet in the center for the P. E. tracks, which will have Trilby rails, and be on the same surface with the vehicle space; ornamental lights.

EVERETT, SNOHOMISH CO., WASH.—Bridge, steel and concrete, $32,242. Engineer, County Surveyor, Everett. Owners Snohomish County. H. P. [illegible] of Everett submitted the lowest figure for the construction of the proposed

bridge over the Snohomish River and he will probably be awarded the contract. Price's bid was $32,242. Other bids submitted ran as high as $39,000.

Contract Awarded.

SAN FRANCISCO—Naval training station, 1 story frame, $1,516. Engineer, Chief Engineer White, Ferry Bldg. S. F. Owners, State of California. Contractor, J. D. Hannah, S. F. Contract price, $4,516.

CHURCHES.

LIVERMORE, ALAMEDA CO., CAL.—Church, 1 and 2 story and base, reinforced concrete, $35,000. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owners, St. Michael's Parrish. Will cover a ground arta of 100 by 150 feet. Plans complete and figures being taken.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL.—Foundry, 1 story, frame and galvanized iron, $3,500. Architect, none. Owners, East Bay Foundry Co., 3330 Elon street, Oakland. Location, southeast Ford and Derby streets. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Cannery building, 1 story, brick, $10,000. Architect, none. Owners, H. G. Prince Co. Location, northeast 11th street opposite 28th avenue. Will cover an area of 50 by 120 feet. Plans complete and work to be done by Day Labor.

WALNUT GROVE, SACRAMENTO CO., CAL.—Packing plant, 1 and 2 story frame and concrete, $90,000. Architect, Washington J. Miller, 417 Market street, S. F. Owners, Libby, McNeil & Libby. Group will consist of cannery building, offices, two cottages and a wharf and warehouse. Plans being prepared.

LEMOORE, KINGS CO., CAL.—Creamery, 1 story and base, brick, $10-000. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Kings County Creamery. Will cover an area of 50 by 100 feet. Plans complete and figures being taken.

BAKERSFIELD, KERN CO., CAL.—Warehouse addition, 1 story, reinforced concrete. Cost not stated. Architect, none. Owner, Kern County Land Co. Location, near Santa Fe tracks. Addition will be 127 feet long and contain three fireproof compartments. Plans being prepared.

SAN DIEGO, CAL.—Motion picture plant 1 story, frame and plaster, $60,-000. Architect, H. S. Bradley, California Bldg., L. A. Owners, Empire Film Trust. There will be the main building, approximately 300 by 400 feet; a steel and glass studio, clubhouse, etc. The buildings will be principaly of frame construction with plastered exterior.

Contract Awarded.

OREGON CITY, ORE.—Factory, 3 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, Oregon City Manufacturing Co. Contractors, Rasmussen & Grace, Bates Bldg., Portland. Contract price not given.

FIRE HOUSES AND JAILS.

TRACY, SAN JOAQUIN CO., CAL.—Fire house, 1 and 2 story, reinforced concrete, $10,325. Architects, Sala & Mayo, Commtrcial and Savings Bank Bldg., Stockton. Owners, City of Tracy. The City Trustees at their last meeting opened bids for the construction of the proposed municipal building, and took the bid of J. F. Shepherd, 1031 West Vine street, Stockton, for $10,325, under advisement.

LOS ANGELES, CAL.—Juvenie detention home, 3 story and base, reinforced concrete, $130,000. Architect John Schultz, Wright and Callender Bldg., L. A. Owners, Los Angeles County. Location, County Hospital grounds, coering an area of 144 by 110 feet. Plans complete and figures being taken. Bids to be opened on January 22nd.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architect, none. Owner, Karl Yngve, 133 Alpine street, S. F. Location, north Beaver east Castro. Will contain two five room flats. Plans complete and work to be done by Day Labor.

GARAGES.

BAKERSFIELD, KERN CO. CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, J. M. Saffell, Fiske Bldg., Bakersfield. Owner, Geo. Haberfelde. Location, Chester street, covering an area of 115 by 264 feet. Plans complete and figures being taken.

GOVERNMENT WORK & SUPPLIES.

San Francisco Circular No. 116.

The following bids were received and awards made by the depot quartermaster, San Francisco, Cal., under office circular No. 116:

Bid 1. Western Trading Co., 24 California street, San Francisco, Cal.

2. Pacific Hardware & Steel Co., 7th and Townsend streets, San Francisco, Cal.

3. Universal Trading Co., 220 4th avenue, New York City.

4. W. P. Fuller & Co., 301 Mission street, San Francisco, Cal.

5. Thomas E. Dunne Co., 11 Fremont street, San Francisco, Cal.

6. Yates & Co., 762 Folsom street, San Francisco, Cal.

7. Weeks-Howe-Emerson Co., 90 Market street, San Francisco, Cal.

8. Emil Calman & Co., 100 William street, New York City.

9. H. W. Johns-Manville Co., 2nd and Howard streets, San Francisco, Cal.

10. Plant Rubber & Supply Co., 32 Beale street, San Francisco Cal.

11. California Paint Co., 12th and Pine streets Oakland, Cal.

12. Bass-Hueter Paint Co., 816 Mission street, San Francisco, Cal.

13. James M. Shaw & Co., 25 Duane street, New York city.

14. Schwabacher-Frey Stationery Co., 611 Market street, San Francisco, Cal.

15. H. S. Crocker Co., 565 Market street, San Francisco, Cal.

16. Old Dominion Paper Co., Norfolk, Va.

17. Baker & Hamilton, 4th and Brannan streets, San Francisco, Cal.

18. Marshall-Wells Hardware Co., Portland, Ore.

19. Isaac Upham Co., 510 Market street, San Francisco, Cal.

20. Harry Watcham, 220 Post street, San Francisco, Cal.

21. John D. Hoff Asbestos Mfg. Co., 523 Market street, San Francisco, Cal.

22. Southern Sales Co., 1709 G street, N. W., Washington, D. C.

23. Rinald Bros., 1142 N. Hancock street, Philadelphia, Pa.

24. Western Asbestos Magnesia Co., 25 S. Park street, San Francisco, Cal.

25. Dunham, Carrigan & Hayden Co., 140 Kansas street, San Francisco, Cal.

26. Magner Bros., 419 Jackson street, San Francisco, Cal.

27. Greenebaum, Weil & Michels, 740 Mission street, San Francisco, Cal.

Item 1. 200 lbs asbestos, plastic—Bid 3, 9.4c lb; 9, 3.6c, accepted, 10, 3.6c; 17, 12c; 21, 4c; 24, 3.36c.

2. 12 brushes, tube, 3 in—Bid 2, 40c ea, accepted; 22, 50c; 25, 45c.

3. 36 bolts, barrel, brass, 4 in—Bid 2, $6.45 doz, accepted; 17, $4; 22, 64c.

4. 24 bits, drill, brace—Bid 1, 93c doz; 2, 85c; 17, 90c; 25, 85c, accepted.

5. 24 do, 5-32 in—Bid 1, $1.16 doz; 2, $1.05, 17, $1.10; 25, $1.05, accepted.

6. 24 do, 6-32 in—Bid 1, $1.38 doz; 2, $1.25; 17,, $1.35; 25, $1.25, accepted.

7. 12 do, 7-32 in—Bid 1, $1.61 doz; 2, $1.45, accepted, 17, $1.60; 25, $1.45.

8. 24 do, 10-32 in—Bid 1, $2.41 doz; 2, $2.15, accepted; 17, $2.40; 25, $2.20.

9. 12 do, ⅛ in—Bid 1, $2.66 doz—No award..

10. 12 do, 11-64 in—Bid 1, $2.92 doz—Do.

11. 12 do, 3-16 in—Bid 1, $2.92 doz—Do.

12. 12 do, 15-64 in—Bid 1, $3.58 doz—Do.

13. 12 do, 5-16 in—Bid 1, $4.11 doz—Do.

14. 12 do, 11-32 in—Bid 1, $4.51 doz—Do.

15. 12 do, ⅜ in—Bid 1, $4..77 doz—Do.

16. 12 do, ¼ in—Bid 1, $4.11 doz; 2, $3.80; 17, $3.60, accepted; 25, $4..

17. 12 do, 5-16 in—Bid 1, $4.51 doz; 2, $4.05; 17, $4, accepted; 25, $4.30.

18. 12 do, ⅜ in—Bid 1, $5.16 doz; 2, $4.60; 17, $4.50, accepted; 25, $4.90.

19. 12 do, 29-64 in—Bid 1, $5.69 doz—No award.

20. 12 do, 1 in—Bid 1, $10.71 doz; 2, $9.75; 17, $9.60, accepted; 25, $10.20.

21. 1,000 counterpanes, white—Bid 27, $2.20 ea, accepted.

22. 288 forks, manure—Bid 2, 89c ea; 17, 70c, accepted.

23. 600 gals paint, white enamel—Bid 3, $3.32 gal; 4, $2.66; 5, $3.82 and $2.43; 6, $2.35 and $2.65; 7, $4.50; 8, $3.20; 11, $2.95; 12, $2.06; 18, $2.50; 23, $1.90 accepted; 26, $2.30.

24. 200 gals do, in quart cans—Bid 3, $3.42 gal; 4, $3.01; 5, $3.98 and $2.66; 6, $2.45 and $2.75; 7, $4.65; 8, $3.50; 11, $3.05; 12, $2.15; 18, $2.55; 26, $2.37—No award.

25. 30 gals paint, black gloss enamel—Bid 4, $1.65 gal; 5, $2.65; 6, $1.375; 11, $1.60; 12, $1.26, accepted; 18, $1.80; 26, $1.45.

26. 10 gals do, dark green enamel—Bid 4, $2 gal; 5, $3.51; 6, $2.10, accepted; 11, $2.95; 12, $2.40; 18, $2.30; 26, $1.52.

27. 100 lbs paint, black jet—Bid 4, 27c lb; 5, 22c; 6, 20c; 11, 14.5c; 12, 18.5c, accepted.

28. 25 lbs do, prussian blue—Bid 4, 81c lb, accepted; 6, 89c; 11, 95c; 12, 90.5c.

29. 40 lbs do, candyke brown—Bid 4, 27c lb; 6, 19c; 11, 16c; 12, 17.75c, accepted.

30. 20 lbs do, burnt umber—Bid 4, 19c lb; 6, 14c; 11, 15c; 12, 15.75c, accepted.

31. 300 doz pencils, copying—Bid 3, 63.4c doz; 14, 56c, 64c, 61c and 70c; 15, 57c and 70c; 16, 54.98c, accepted; 19, 69c.

35. 800 spoons, silver plated, tea—Bid 13, $1.663 doz; 13, $1.752, accepted; 20, $1.975; 22, $2.05 and $2.64.

36. 500 do, dessert—Bid 13, $2.376 doz, accepted; 20, $3.51; 22, $2.79 and $4.47.

37. 300 stands, calendar—Bid 1, 12.47c and 27.4c; 3, 25.4c and 44.3c; 15, 28c; 16, 22.8c; 19, 34c—No award.

38. 100 lbs tacks, dbl pointed—Bid 3, 21.4c lb, accepted.

39, 40 and 41. 3,500 towels, Army transport service—Bid 27, 35c, 40c and 37.5c for small sizes, and 75c and 80c for large—No award.

Everett, Wash., Shelving.

The supervising architect, Treasury Department, Washington, D. C., received the following bids for installing metal vault shelving in the U. S. post office at Everett, Wash.:

Keyless Lock Co., Indianapolis, Ind., $700.

H. H. Shultz Mfg. Co., Gowanda, N. Y. $650.

Berger Mfg. Co., Canton, O., $764.50.

Watson Mfg. Co., Jamestown, N. Y., $788.

Art Metal Construction Co., Jamestown, N. Y., $900.

Van Dorn Iron Works, Cleveland, O., $1,159.

Canton Steel Ceiling Co., New York city, $1,250.

Reclamation Service, Gate Stands.

No bids were received by the chief engineer, reclamation service, Washington, D. C., for furnishing gears for gate stands to be used on the Rio Grande project, New Mexico-Texas.

Earthwork, Camas Canal.

The Secretary of the Interior has authorized the reclamation service to reject four bids received on earthwork in connection with the Camas "A" Canal, Flathead project, Mont., and to proceed with the construction by Government force account or by contract with reliable contractors. The work involves about 195,000 cubic yards of excavation and the lowest combination of bids was $64,924, an amount so much in excess of the engineer's estimate of cost, the project manager recommended rejection. The reclamation service has available the machinery for handling the work and funds are included in the 1917 allotment for the project.

PRESIDIO OF SAN FRANCISCO.—Electric lighting system. Cost not stated. Engineer, Constructing Q. M. office, Fort Mason. Owners, United States Government. Bids will be opened on January 17th for constructing an electric lighting system for the officers' quarters at the Presidio.

HALLS AND SOCIETY BUILDINGS.

MERCED, MERCED CO., CAL.—Lodge hall and stores, 2 story and base, brick. Cost not stated. Architect, C. H. Russell, Story Bldg., L. A. Owners, Masonic Building Association. Will cover an area of 100 by 100 feet and contain stores on the first uoor and lodge rooms above. Plans are being prepared.

VISALIA TULARE CO., CAL.—Lodge hall and stores 3 story and base, brick, $60,000. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Elks' Hall Association. Will contain stores on the first floor and lodge rooms above. Plans complete and figures to be called for by January 15th.

PORTLAND, ORE.—Lodge hall, 3 story and base, reinforced concrete, $60,000. Architect, Emil Schacht, Commonwealth Bldg., Portland. Owners, United Artisans. Location, Third and Columbia streets, covering an area of 100 by 100 feet. Plans are being prepared.

HOSPITALS.

SAN DIEGO, CAL.—Hospital group, 1 and 3 story and base, reinforced concrete, $200,000. Architect Harrison Albright, Laughlin Bldg., L. A. Owners, Sisters of Mercy. Location, 5th and Washington streets. Plans are being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, S. Nicolaysen, 468 12th avenue, S. F. Location, east 24th avenue south Geary. Will contain five rooms and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO.—Residences, 2, 2 story and base, frame, $2,000 each. Architect, none. Owners, Leigh & Schultz, 419 21st avenue, S. F. Location, west 34th avenue south Balboa. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $3,500. Architect, none. Owner, F. V. Strang, 867 Pacific avenue, Alameda. Location, Nova Piedmont. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, story and base, frame, $2,000. Architect, none. Owner, H. S. Butler, 465 — Grove street, Oakland. Location, south Pedestrian Way west Claremont Way. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, story and base, frame, $3,500. Architect, none. Owner, H. S. Pratt, 1015 Glendora avenue, Oakland. Location, west Warfield avenue south Cottage. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PENICIA, SOLANO CO., CAL.—Residence, 1½ story and base, frame, $4,000. Architect, Chester H. Miller, First Savings Bank Bldg., Oakland. Owner, Mr. Mann. Will contain seven rooms, bath and sleeping porch. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, T. M. Lozans. Location, Fairmont Tract. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SEWERS, STREET WORK & WATER SYSTEMS.

REDWOOD CITY, SAN MATEO CO., CAL.—Highway construction, $34,000. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The Board of Supervisors at the meeting on January 2d voted to return all bids for road work in and near Redwood City. Bids for this work were first received on December 18th and then postponed until January 2nd. Will be readvertised.

REDWOOD CITY, SAN MATEO CO., CAL.—Storm water drainage system. Cost not stated. Engineer, City Engineer, Redwood City. Owners, Redwood City. The City Trusttes have instructed City Engineer Porter to prepare plans and specifications for the construction of a permanent storm water drainage system for the western portion of the city. On approval of plans bids for the work will be called.

OAKLAND, CAL.—Street improvement. Cost not stated. Engineer, County Surveyor, Oakland. Owners, Alameda County. Bids will be opened on February 5th at 10 a. m. for the paving of a portion of San Pablo avenue between tht south line of the City of Berkeley and the line dividing Alameda and Contra Costa Counties.

BERKELEY, ALAMEDA CO., CAL.—Steel tanks. Cost not stated. Engineer City Engineer, Berkeley. Owners, City of Berkeley. Bids will be opened on January 23rd at 10 a. m. for furnishing the City of Berkeley with two steel tanks to be used for the storage of road oil, one tank to have a capacity of [illegible] gallons and one tank to have a capacity of [illegible] gallons.

[illegible], CAL.—[illegible] Engineer, [illegible] Owners, [illegible] Bids will be opened on January 17th for constructing an electric lighting system for the officers' quarters at the Presidio.

[illegible], CAL.—[illegible] Engineer, City Engineer, [illegible] Owners, City of [illegible] The City Council has ordered the City Clerk to advertise for bids for [illegible] Plans for the work may be had from the City Clerk.

[illegible], FRESNO CO., CAL.—[illegible] Engineer, [illegible] Owners, [illegible] Bids will be opened on January 17th for constructing an electric lighting system for the officers' quarters at the Presidio.

STOCKTON, SAN JOAQUIN CO., CAL.—Highway construction, cost not stated. Engineer, County, Surveyor, Stockton, County, San Joaquin County. The San Joaquin County Supervisors at their last mteting adopted plans and specifications for the improvement of Harney Lane, Palm avenue and the Brack road, all in the immediate vicinity of Lodi. Bids were calltd for to be submitted February 19th.

EUREKA, HUMBOLDT CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Eureka. Owners, City of Eureka. The City Council has ordered the City Clerk to advertise for bids for macadamizing Broadway. Plans for the work may be had from the City Clerk.

COLUSA, COLUSA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Colusa. Owners, City of Colusa. Only one bid was received by the Trustees for the improvement work planned under resolution No. 19, and this was rejected as the bidder failed to designate the correct streets. Bids for the work were ordered readvertised. The bid was submitted by Joe O'Haver.

MANHATTAN BEACH, LOS ANGELES CO., CAL.—Promenade, reinforced concrete, $52,000. Engineer, City Engineer Murry, Manhattan Beach. Owners, City of Manhattan Beach. Bids will be receied by the City Trustees up to 7:20 p. m. of January 17th for constructing a reinforced concrete promenade, 27 blocks in length, including concrete pavements, 13 flights of stairways, balustrades, 7,500 feet of pipe for drainage purposes, including vitrified and cement pipe and corrugated metal pipe, and 22-inch reinforced concrete walls.

SEATTLE, WASH.—Highway improvements. Cost as follows. Engineer County Surveyor, Seattle. Owners, King County. Henry Brice, 209 Mutual Life Bldg., Seattle, submitted the lowest bid at $28,331 to the County Commissioners for the grading, etc., of [illegible] miles of highway between Lake [illegible] and Three Tree Point, and he [illegible] The work involves 45,000 cubic yards of excavation, 200-foot frame trestle and a long creosoted timber and pile [illegible]

COQUILLE, COOS CO., ORE.—Highway construction, $50,024. Engineer, County Surveyor, Coquille. Owners, [illegible] County, [illegible] was submittid to the County Court for [illegible] The [illegible] [illegible] Ore.

Contract Awarded.

BERKELEY, ALAMEDA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. W. J. Schmidt, Cedar and Sacramento streets, Berkeley has been awarded a contract by the City Council for the following work: That Lincoln street, from Chestnut street a distance of 372 feet be graded; that concrete curbs and gutters be constructed, and that the remainder of the roadway be macadamized and surfaced with oil and rock screenings, and that a concrete storm culvert be constructed, and a 6-inch, vitrified, ironstone pipe sewer be constructed with two manholes.

SACRAMENTO, CAL. — Street improvements. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contracts for street improvements have been awarded under the following resolutions: That that portion of Harkness avenue, between the south line of Harkness avenue and a line parallel to and 5 feet north of the south line of Harkness aenue, be improved by grading and constructing thereon concrete sidewalk, 5 feet in width and 3½ inches thick. Awarded to A. Olsen, 2724 First avenue, Sacramento.

That W street, from 8th street to 31st street, be improved by grading the space between the property line and curb, where concrete sidewalk does not exist; constructing concrete sidewalks 6 feet in width and 3½ inches thick. Awarded to A. Olsen, 2724 First avenue, Sacramento.

STOCKTON, SAN JOAQUIN CO., CAL. — Highway improvement, $22,720.54. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Contractors, Moreing Bros., Ochsner Bldg., Sacramento. Contract price, $22,720.54.

SANTA ROSA, SONOMA CO., CAL.—Road construction, $7,000. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Contractor, Newton J. Grider, Santa Rosa. Contract price, $7,000.

STORES AND OFFICES.

SAN FRANCISCO — Stores alterations, $3,500. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name not given. Location, 112 California street. Work will consist of installing new fronts and altering the interior. Plans complete and work to be done by Day Labor.

SAN FRANCISCO —Stores, 2 story and base. Class C construction, $11,750. Architect, none. Owner, Samuel Schell, 1367 6th avenue, S. F. Location, north Eddy east Larkin, covering an area of 25 by 137½ feet. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Store alteration, brick, $4,000. Architect, W. H. Ratcliff, Jr. First National Bank Bldg., Berkeley. Owner, Eula E. Sandow. Location, Durant avenue east Telegraph. Work will consist of altering the present theatre building into a cafeteria. Plans complete and figures being taken.

OAKLAND, CAL.—Market, 1 story and base, brick, $40,000. Architect, none. Owner, J. Pantosky, 598 31st street, Oakland. Location, 10th and Washington streets. Plans complete and owner taking figures.

SACRAMENTO, CAL.—Store fronts, $1,000. Architect, A. Willoner, 403 21st street, Sacramento. Owner, D. Anapolsky. Location, 708 K street. Work will consist of installing new store fronts. Plans are being prepared.

SEALED PROPOSALS

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on Jan. 29, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Imperial County, across New River near Seeley (VII-IMP-12-C), a reinforced concrete bridge 330 feet long.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated: Jan. 2, 1917.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal.—SEALED PROPOSALS, in triplicate, for installing electric lighting system for officers' quarters, Presidio of San Francisco, Cal., will be received here **until 11:00 A. M., 17th January 1917.** Further information on application. (*)

PROPOSALS FOR FREIGHT LIFT.

FREIGHT LIFT—Treasury Department, Offiffice of the Supervising Architect Washington, D. C. December 21, 1916.—Sealed proposals will be opened in this office at **3 p. m. January 25, 1917,** for the installation complete of a hoistway, hydraulic freight lift, etc., in the United States post office and court house at Salt Lake City, Utah, in accordance with the drawing and specification, copies of which may be had at this office, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

NOTICE TO CONTRACTORS.

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, December 26, 1916.

Sealed proposals or bids will be received at this office at or prior to **11 o'clock a. m., Thursday, January 11, 1917,** for furnishing materials and constructing a pier (to be known as Pier No. 3) and adjacent Bulkhead Wharf and Passenger Pier to the south of Pier No. 3, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board December 7, 1916, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of creosoted piles and Portland cement (which will be furnished to the contractor by the Board), green piles, Douglas fir lumber, sand, crushed rock and gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, car springs, rails and fastenings, etc. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, and is accompanied by a certified check for an amount equal to Five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within Six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the amount payable by the terms of the contract, with a Corporation thereunto duly authorized by law and commonly known as a surety company, as surety, and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded fails to pay for any materials or supplies furnished for the performance of the work contracted to be done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefit of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to **11 o'clock a. m., on Thursday, January 11, 1917,** at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of bids.

Plans and specifications of this work to be had at Room 18, Union Depot and Ferry House, upon depositing $20.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bids: "Bid for Pier No. 3."

FRANK G. WHITE,
Chief Engineer.
LEO V. MERLE, Jr.,
Secretary.

PROPOSALS FOR LUMBER.

LUMBER AND BUILDING MATERIAL—Office of the Depot Quartermaster, Seattle, Wash.—Sealed proposals will be received here until **12 noon, Pacific time, January 26, 1917,** and then opened, for furnishing lumber shingles cement, metal lath, reinforcing and structural steel, galvanized iron roofing, pipe and fittings, paint, roofing material, terra cotta chimney flues, cold storage doors cork insulation, hardware, etc. Further information on application.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

(Additional Advance News Will Be Found on Pages 3 to 8 in This Issue.)

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, $[illegible],000. San Francisco. Architect, none. Owner, Michael Dempnak, [illegible]28 Hyde street, S. F. Location, southwest Fell and Octavia. Will contain 21 suites of two and three rooms. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, brick and steel, $[illegible],000. San Francisco. Architect, Joseph Cahen, 45 Kearny street, S. F. Owners, I. Rosenberg and Joseph Cahen. Location, southeast Sacramento and Laguna streets, covering and area of 72 by 85 feet. Will contain 14 suites of three and four rooms. Foundation in and work to be done by Day Labor.

ELECTRIC LIGHTING SYSTEM — Cost not stated. Presidio of San Francisco. Engineer, Constructing Q. M. office, Fort Mason. Owners, United States Government. Bids will be opened on January 17th for constructing an electric lighting system for the officers quarters at the Presidio.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, none. Owner, Karl Yngve, 133 Alpine street, S. F. Location, north Beaver east Castro. Will contain two five room flats. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. San Francisco. Architect, none. Owner, S. Nicolaysen, 468 12th avenue, S. F. Location, east 24th avenue south Geary. Will contain five rooms and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES — 2 story and base, frame, $2,000 each. San Francisco. Architect, none. Owners, Leigh & Schultz, 419 21st avenue, S. F. Location, west 34th avenue south Balboa. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

STORE—2 story and base. Class C construction, $11,750. San Francisco. Architect, none. Owner, Samuel Schell, 1367 6th avenue, S. F. Location, north Eddy east Larkin, covering an area of 25 by 137½ feet. Plans complete and work to be done by Day Labor.

STORE ALTERATIONS—$1,500. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name not given. Location, 112 California street. Work will consist of installing new fronts and altering the interior. Plans complete and work to be done by Day Labor.

Contract Awarded.

NAVAL TRAINING STATION—1 story, frame, $4,516. San Francisco. Engineer, Chief Engineer Wash., Petty Bldg., S. F. Owners, State of California. Contractor, J. D. Hannah, S. F. Contract price $4,[illegible]26.

Building Contracts Awarded.

SAN FRANCISCO.

No.	Owner	Contractor	Amt.
1	Cal Packing	Hjul	7041
2	Wilcox	MacArthur	1850
3	Silverberg	Montgomery	100
4	Laforgue	Laforgue	100
5	Cahn	O'Neill	950
6	Masconi	Carrara	500
7	Peninsular Rlty	Allyn	100
8	Stocking	Fink	150
9	Gilig	Barrett	2881
10	Chin Yuey	Brandt	10000
11	James	James	50005
12	Yngve	Yngve	5000
13	Diepen	Schkade	400
14	Coughlan	Coughlan	500
15	Kilroy	Reese	400
16	Tenzi	Seghieri	100
17	Plageman	Plageman	1700
18	Kahn	Malloch	400
19	Murphy	Murphy	800
20	Schell	Schell	11750
21	Hooper	Pac Extg	9270
22	McClure	Commary	1500
23	S F Home Bldrs	Nelson	2900
24	Same	Same	2900
25	Lewys	Hamerton	5600
26	Archbishop	Owner	2500
27	Hillman	Brumfield	400
28	Marenco	Garibaldi	400
29	Batcher	Hoyt	500
30	Nicolaysen	Nicolaysen	2000
31	Pettee	Arlie	2250
32	Checesich	Johnson	1054
33	Weinstein	Parry	1717

STEEL WORK, ETC.
(1) SW CALIFORNIA AND DAVIS W 87-6xS 137-6. Steel work, concrete work, plastering, steel vault, doors, etc., for vaults in basement of 1st and 2nd stories of building.
Owner.....California Packing Cpn.
Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor..J. H. Hjul, 57 Post, S. F.
Filed Dec. 30, '16. Dated Dec. 26, '16.
Basement walls are poured and steel beams set in place.....$1000
Ready for stripping and plastering 3781
Completed and accepted 500
36 days after 1760
TOTAL COST, $7041
Bond, $3520. Surety, American Surety Co. Limit, 40 days.. Forfeit, $10. Plans and specifications filed.

ADDITION
(2) NO. 382 THIRTY-FIRST AVE. All work for addition to cottage.
Owner.....Julia F. Wilcox, Premises.
Architect...None.
Contractor..H. E. & T. W. MacArthur, 459 Naples, San Francisco.
Filed Dec. 30, '16. Dated Dec. 22, '16.
Frame up $462.50
Brown coated 462.50
Completed [illegible]
Used 15 days [illegible]
TOTAL COST $1850
Bond, none. Limit, 60 days. Forfeit none. Plans and specificafions filed.

ALTERATIONS
(3) NO. 284 O'FARRELL. Alter store.
Owner. I. S. Silverberg, [illegible] Mills Bldg., San Francisco.
Architect. None.
Contractor. E. L. Montgomery, 1[illegible]0 Broadway, San Francisco.
COST, $400

ALTERATIONS
(4) NO. 45 Wood. Rear [illegible] dwelling.
Owner. J. M. Laforgue, [illegible]-A [illegible] San Francisco.
Architect...None.
Day's work COST $[illegible]

REPAIRS
(5) NO. 1711 DIVISADERO. Repair fire damage.
Owner. Mrs. A. Cahn, 240 Baker San Francisco.
Architect...None.
Contractor..Daniel O'Neill, 273 Minna, San Francisco.
COST, $[illegible]

ALTERATIONS
(6) ND. 3125 GEARY. Alter store.
Owner.....M. Masconi, Premises.
Architect...None.
Contractor..Pietro Carrara, 830 Felton, San Francisco.
COST, $500

ALTERATIONS
(7) NOS. 1616-1618 FILLMORE. Erect arches and alter fronts.
Owner.....Peninsular Realty Corp., Butler Bldg., S. F.
Architect...Reid Bros., 105 Montgomery, San Francisco.
Contractor..Stockholm & Allyn, Monadnock Bldg., S. F.
COST, $400

ALTERATIONS
(8) NO. 1049 MARKET. Extend mezzanine floor.
Owner.....Sterling Furniture Co., Premises.
Architect...None.
Contractor Fink & Schneider Co., [illegible] 13th, San Francisco.
COST, $450

CLASS "C" SHOP
(9) NE POST AND FRANKLIN [illegible] xN 120. All work except installation of elevators for three-story Class "C" shop building.
Owner.....Alma M. Gillig, 331 Grove, San Francisco.
Architect...Non[illegible]
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Jan 2, '17. Dated Dec [illegible]
Excavation done $[illegible]
1st floor joists in [illegible]
2nd floor joists in..... 5000
3rd floor joists in..... 5000
Roof on & concrete to that level 50[illegible]
Completed and accepted [illegible]
[illegible]
Used [illegible] days [illegible]
TOTAL COST [illegible] $[illegible]
Bond, none. Limit, 120 days. Forfeit $1. Plans and specificatioins filed.

BRICK LODGING HOUSE
(10) N CLAY bet. Powell and Stockton. All work for three-story brick lodging house.
Owner. Chas. Yuen.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor [illegible] & Stevens, Hearst Bldg., San Francisco.
[illegible] Dec. 28, '16.
[illegible] $2000
[illegible] 1500
[illegible] 2000
Completed and accepted 2000
[illegible] 2500
TOTAL COST, $10,000
Bond, $5000. Surety, D. B. Macdonald and N. Caputo. Limit, May 12, 1917. Forfeit, none. Plans and specifications filed.

CONCRETE WAREHOUSE
(11) NE BATTERY AND VALLEJO. Two-story and basement concrete warehouse.
Owner.....L. James, 625 Third, S. F.
Architect ...None.
Day's work. COST, $50,000

FRAME FLATS
(12) N BEAVER 150 E Castro. Two-story and basement frame (2) flats.
Owner.....Karl Yngve, 133 Alpine Terrace, San Francisco.
Architect ...None.
Day's work. COST, $5000

ALTERATIONS
(13) NO. 140 SEVENTEENTH AVE. Alter residence.
Owner.....R. Diepen, Premises..
Architect ...None.
Contractor..E. A. Schkade, 240 20th Ave., San Francisco.
COST, $400

ALTERATIONS
(14) NO. 157 STATES. Move and alter dwelling.
Owner.....Michael Coughlan, 217 Shotwell, San Francisco.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(15) N[illegible] 711 TWENTIETH AVE. Raise and alter dwelling.
Owner Ed. Kilroy, Premises.
Architect ...None.
Contractor..J. A. Reese, 1552 9th Ave., San Francisco.
COST, $400

FRAME GARAGE
(16) NO. 1996 GREEN. One-story frame garage.
Owner.....A. Ternzi, Premises.
Architect ...None.
Contractor..A. Seghieri & Bros., Inc., 35 Cook, San Francisco.
COST, $400

ALTERATIONS
(17) NE ELLIS AND POWELL. Minor changes for baths, partitions, etc.
Owner.....Fred Plagemann, Golden West Hotel, S. F.
Architect ...None.
Day's work. COST, $1700

ALTERATIONS
(18) NW PINE AND PIERCE. Cut entrance for garage, etc.
Owner.....Geo. H. Kahn, 34 Kearny, San Francisco.
Architect ...None.
Contractor..J. S. Malloch, 110 Jessie, San Francisco.
COST, $400

FRAME STORE
(19) SE COLE AND ALMA. One-story frame store.
Owner.....Joseph A. Murphy, 199 2nd Ave., San Francisco.
Architect ...None.
Day's work. COST, $800

CLASS "C" STORE
(20) N EDDY 87-6 E Larkin. Two-story and basement Class "C" store and loft building.
Owner.....Samuel Schell, 1367 5th Ave., San Francisco.
Architect ...None.
Day's work. COST, $11,750

SPRINKLING EQUIPMENT
(21) W BATTERY 45-10 N Pine N 140-2xW 137-6. All work for automatic sprinkling equipment for building.
Owner.....John A. Hooper.
Architect ...Kenneth MacDonald, Holbrook Bldg., San Francisco.
Contractor..Pacific Fire Extinguisher Co., 507 Montgomery, S. F.
Filed Jan. 3, '17. Dated Dec. 28, '16.
As work progresses once a month 75%
TOTAL COST, $9270
Bond, limit, forfeit, plans and specifications, none.

GRADING, ETC.
(22) NE BATTERY AND VALLEJO. Grading and excavating for all piers, sumps, pits and trenches.
Owner.....Not given.
Party of 1st part.....H. N. McClure, 608 Octavia, S. F.
Architect ...None.
Party of 2nd part....W. T. Commary, 742 Market, S. F.
Filed Jan.. 3, '17. Dated Jan. 3, '17.
Excavating completed and ready for concrete work.....$825
Completed and accepted..... 375
Usual 35 days..... 25%
TOTAL COST, $1500
Bond, $750. Surety, Maryland Casualty Co. Limit, 15 days from Jan. 3, 1917. Forfeit, $25. Specifications only filed.
NOTE:—This contract is on the L. James warehouse.

FRAME DWELLLING
(23) E THIRTY-EIGHTH AVE 60 S Irving. One-story and basement frame dwelling.
Owner.....San Francisco Home Building Co.
Architect ...None.
Contractor..Emil Nelson, 420 26th Ave., San Francisco.
COST, $2900

FRAME DWELLLING
(24) E THIRTY-EIGHTH AVE 30 S Irving. One-story and basement frame dwelling.
Owner.....San Francisco Home Building Co.
Architect ...None.
Contractor..Emil Nelson, 420 26th Ave., San Francisco.
COST, $2900

FRAME RESIDENCE
(25) W WOOD 422-6 N Geary. Three-story and basement frame office and residence.
Owner.....Mrs Abbie Carrington Lewys, Sacramento and Baker, San Francisco.
Architect ...None.
Contractor..Wm. C. Hamerton & Son, 1301 Waller, San Francisco
COST, $5600

FRAME CHURCH
(26) N CALIFORNIA 137-6 W Walnut. One-story frame church.
Owner.....Roman Catholic Archbishop of San Francisco, 1100 Franklin, S. F.
Architect ...None.
Day's work. COST, $2500

ELECTRIC SIGN
(27) NO. 1612 MARKET. Electric sign
Owner.....E. F. Hillman, Premises.
Architect ...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $400

ADDITION
(28) SW KIRKWOOD 100 E Phelps. Concrete foundation and add kitchen
Owner.....Pietro Marenco.
Architect ...None.
Contractor..V. Garibaldi, 14 Crane, San Francisco.
COST, $400

FRAME GARAGE
(29) N PAGE 100 S Broderick. One-story frame garage.
Owner.....J. H. Batcher, 1124 Page, San Francisco.
Architect ...None.
Contractor..H. P. Hoyt Co., Monadnock Bldg., San Francisco.
COST, $500

FRAME DWELLING
(30) E TWENTY-FOURTH AVE 250 S Geary. One-story and basement frame dwelling.
Owner.....S. Nicolaysen, 468 12th Ave. San Francisco.
Architect ...None.
Day's work. COST, $2000

RESIDENCE
(31) W THIRTIETH AVE 100 N Ulloa N 25xW 120. All work for one-story and basement residence.
Owner.....Mrs. Clara M. Pettee, Gable Apartments, Clay & Larkin San Francisco.
Architect ...Norman R. Coulter, 46 Kearny, San Francisco.
Contractor..The Arlie Co., 1527 Pine, San Francisco.
Filed Jan. 4, '17. Dated Dec. 7, '16.
On 1st and 5th of each month 75%
....$1687.50
Usual 35 days 25%..... 562.50
TOTAL COST, $2250.00
Bond, $1125. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE:—1st report Dec. 5, 1916, No. 3500..

FRAME RESIDENCE
(32) W COLLINS 365 N Geary N 25x W 123-6. All work to complete a partially completed frame residence.
Owner.....Ernest V. and Dora S. Chevesich, 63 Collins, S. F.
Architect ...Jno. H. Von Ahnden.
Contractor..J. Harold Johnson, 507 15th Ave., San Francisco.
Filed Jan. 5, '17. Dated Jan. 3, '17.
Brown coated .....$ 800.00
White coated, glass on and terrazzo steps set..... 1100.00
Accepted 1155.50
Usual 35 days..... 1018.50
TOTAL COST, $4074.00
Bond, $2037. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

Are Two Wheels of Your Truck Loafing?

If the front wheels of your truck are merely carrying part of the load, they're loafing.

They should be pulling. Because when the rear wheels do all the work they wear out tires faster than they should. They strain the truck and shorten its life. They consume too much gasoline and oil. They don't start and stop quickly.

That's why in keenest competition in the European war zone, and with our U. S. troops in Mexico, and again among the big trucking fleets of our largest corporations—**THE CLINTONVILLE.**

F W D

is showing big savings from regularity and dependability of service; from untiring endurance that other trucks can't have—because they're not FOUR WHEEL DRIVE.

On the F-W-D Truck every wheel is a **Driving Wheel.** The strains and stresses are divided and distributed. Road blows and resistance can't hit hard at any one point. **So the F-W-D lasts years longer.** The F-W-D eliminates minor and major breakdowns that lose time and minimize your profits. The F-W-D keeps ON the road and OUT of the repair shop.

The F-W-D saves 20 to 25 per cent of gasoline and oil money. It reduces first cost of tires one-third. It doubles tire mileage. It starts quickly—stops quickly. Breaks on four wheels as well as drives on four wheels. It saves time and avoids accidents. Phone for demonstrations.

"Every Owner a Booster"

Four Wheel Drive Truck Co.

Telephone Market 334 **343 Golden Gate Ave.** *San Francisco*

Branches: Los Angeles, Bakersfield, Fresno, Santa Rosa, Coalinga, Fullerton, Paisley, Or.: Salt Lake City

FRAME COTTAGE

(230) E CUVIER 150 N Bosworth N 25 xE 100. All work for one-story and basement 6-room frame cottage

Owner.. Sarah Weinstein

Architect ...None.

Contractor..Thomas H. Parry, 222 Raymond, San Francisco.

Filed Jan. 5, '17. Dated Dec. 29, '16.

Frame up	$500
Brown coated	405
Completed and accepted	405
Usual 35 days	405
TOTAL COST,	$1715

Bond, $875. Sureties, Wm. D. Stephenson and Almeren A. Stillman. Limit, 90 days from Jan. 5, 1917. Forfeit, $10. Plans and specifications filed..

LEASE

SAN FRANCISCO COUNTY.

Jan. 3, 1917—E WAVERLY PLACE 62-4 S Washington S 30xE 55. William L Hasshagen Tr to The Chinese Reform Association. 15 years. $15,300.

Jan. 2, 1917—SE SIXTH & TEHAMA No. 237 Sixth. J Underwood Hall and Grace Spencer Hall to Daniel Hagerty and David Riley (ts Hagerty & Riley.) 3 years. $21,000.

Jan. 5, 1917—W HAIGHT bet. Fillmore and Steiner; No. 544 Haight. Augusta F Tuttle to Jas Mirkovich. 2 years. $1320.

Jan. 5, 1917—N GEARY 47-6 E Larkin E 40 N 137-6 W 27-6 S 57-6 W 12-6 S 80. H H Helbush to Jacob Eppler. 10 years. $33,000.

Jan. 4, 1917—W VALENCIA; No. 1318 Valencia 16x80. Jane H Winegar to Mager Bros (Jacob and Paul Mager) 3 years. $10 per month with option to renew.

Jan. 4, 1917—No. 29 THIRD. Jas Storm to Richard N Pursehouse and Wm Beck. March 17, 1920. $80 per month.

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Jan. 3, 1917—NO. 248 TO 250 VAN Ness Ave SE Van Ness Ave and Grove S 45xE 105. Rosalie H Werthman, Extr Est Isaac Harris dec'd as to improvements on leased property .....

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Dec. 30, 1916—N REVERE 150 E Lane. Mrs M Petralli to Andrew Olson.....Dec. 20, 1916

Dec. 30, 1916—E MISSION 180 N 19th N 30xE 122-6. Bertha Klotz Gerdes (as Gdn Estate Elizabeth H Gerdes) to Samuel Schell.....Dec. 30, 1916

Dec. 30, 1916—NW NORTH POINT and Larkin W 412.6xN 275. D Ghirardelli Co to Petterson & Persson.....Dec. 27, 1916

Dec. 30, 1916—N SUTTER 37-6 E Mason E 50-3¼xN 87-6. John Gallwey and Chas W Slack, Extrs Reuben H Lloyd, decd to S Persson and G Petterson.....Dec. 26, 1916

Jan. 2, 1917—E TWENTY-FOURTH Ave 175 S Geary S 25xE 120. John J Kingwell to Fred O McKay.....Dec. 26, 1916

Jan. 2, 1917—S PARNASSUS AVE 25 E Byfield E 25xS 70; No. 333 Parnassus Ave. Harold May to whom it may concern.....Dec. 30, 1916

Jan. 2, 1917—E FIFTEENTH AVE 50 S Anza S 30xE 102. M D and Cathe L Condon to John Little.....Jan. 2, 1917

Jan. 3, 1917—N O'FARRELL 137-6 W Taylor W 28xN 62-6. Eureka Benevolent Society to Frederick W Snook Co.....Jan. 2, 1917

Jan. 3, 1917—W EIGHTEENTH AVE 100 N Balboa N 25xW 120. James Welsh to whom it may concern.....Dec. 29, 1916

Jan. 3, 1917—BLK BDED BY CLAY, Webster, Sacramento and Buchanan Board of Trustees of The Leland Stanford Jr University to W A Goericke.....Dec. 23, 1916

Jan. 3, 1917—S TWENTY-EIGHTH Ave (Donner) 200 W Jennings 25x 100. C Z Sutton to whom it may concern.....Dec. 27, 1916

Jan. 4, 1917—SW POST AND POLK S 60xW 55. Antoine and Alexander Vayssie to John E Beck.Dec. 30, 1916

Jan. 4, 1917—SE NINTH AVE AND Cabrillo. Eisenbach Co to Higginson Co.....Jan 3, 1917

Jan. 4, 1917—W ELEVENTH AVE 150 S Anza S 25xW 120. Frank L Fenton to Brandt & Stevens.Jan. 2, 1917

Jan. 4, 1917—NW TWENTY-THIRD and Hampshire. Jos Laib Jr to Jos Laib Jr.....Jan. 3, 1917

Jan. 5, 1917—NO. 929 SCOTT. Dora Levy to A M Wallen.....Jan. 5, 1917

Jan. 5, 1917—SE O'FARRELL AND Hyde E 70xS 77-6. Gerard Investment Co to whom it may concern .....Jan. 5, 1917

Jan. 5, 1917—NO. 1449 LEAVENworth. Eliza T Wilson to J W Mullen and T K Melbourne.Jan. 5, '17

Jan. 5, 1917—N SUTTER 137-6 W Mason. C T Ryland to J C McLeod .....Nov. 27, 1916

Jan. 5, 1917—E PENNSYLVANIA 100 S 18th S 100xE 100. Union Iron Works to whom it may concern.....Dec. 20, 1916

Jan. 5, 1917—N VALLEJO 25 E Leavenworth E 25xN 109-6. Amelia and Arthur Devoto to De Martini & Segale.....Jan. 2, 1917

Jan. 5, 1917—E FORTY-THIRD AVE 25 S Cabrillo S 25xE 95. Gertrude Macowsky to Emil Nelson.....Dec. 29, 1916

Jan. 5, 1917—E TWENTY-SECOND Ave 25 S Clement S 50xE 82-6. Johnson & Johnson to whom it may concern.....Jan 5, 1917

Jan. 5, 1917—LOT 2 Lyon & Hoag's Sub Ashbury Terrace. Walter S Oliver to S A Born Bldg Co. .....Jan. 4, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Dec. 30, 1916—W CARMELITA 230 S Waller S 25 W 141-6½ N 25-3⅛ E 137-11½. Maris Hardwood Co vs Maria E and Alexander S Gardiner $93

Dec. 30, 1916—SE BAKER & JACKson E 100xS 27-8¼. Maris Hardwood Co vs Ella Walterstein....$155

Dec. 30, 1916—SE PIERCE & CLAY E 93-9xS 27-4½. Maris Hardwood Co vs Everett F Griffin.....$53.48

Dec. 30, 1916—NE FELL & STEINER N 100xE 31-3. Maris Hardwood Co vs Geo H Newman.....$62

Jan. 2, 1917—E ASHBURY 75 N Grove N 25xE 90. Kuneken Bros vs Hemminga Bros and Mrs A M Dumphy $158

Jan.. 2, 1917—N CLEMENT 55 W 15th Ave W 25xN 104-3. The Akard Door **Opening** Co vs Andrew and Hilda Melander $25

Jan. 3, 1917—N CLEMENT 55 W 15th Ave W 25xN 104-3. Thos Leonard and J E Davenport (as Leonard Lumber Co) vs A Melander....$845.02

Jan. 3, 1917—N CLEMENT 55 W 15th Ave W 25xN 104-3. W S James vs A Melander $117.50

Jan. 4, 1917—N CLEMENT 55 W 15th Ave W 25xN 104-4. C D Lieb (as Eagle Elec Co) vs Andrew and Hilda Melander $120

Jan. 5, 1917—W GRAFTON WAY 53 m or l N El Portal Way N 30 W 100 S 25.714 E 100 m or l. W P Fuller & Co vs S B Kress and Alma Kress $141.75

OAKLAND AND ALAMEDA COUNTY.

STREET IMPROVEMENTS — Cost not stated. Oakland, Cal.. Engineer, County Surveyor, Oakland. Owners, Alameda County. Bids will be opened on February 5th at 10 a. m. for the paving of a portion of San Pablo avenue, between the south line of the city of Berkeley and the line dividing Alameda and Contra Costa Counties.

STEEL TANKS—Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. Bids will be opened on January 23rd at 10 a. m. for furnishing the City of Berkeley with two steel storage tanks to be used for the storage of road oil. One tank to have a capacity of 12,000 gallons and one tank to have a capacity of 1,500 gallons.

APARTMENT HOUSE—3 story and base, frame and steel, $20,000. Oakland, Cal. Architect, none. Owner, W. E. Boyd, 4175 Park Boulevard, Oakland. Location, south 22nd street east Grove. Will contain 36 rooms arranged in two, three and four room suites. Plans complete and subfigures being taken by the owner.

CHURCH—1 and 2 story and base, reinforced concrete, $35,000. Livermort, Alameda Co., Cal. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owners, St. Michael's Parish. Will cover a ground area of 100 by 150 feet. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame, $3,500. Oakland, Cal. Architect, none. Owner, H. S. Pratt, 1015 Glendora avenue, Oakland. Location, west Warfield avenue south Cottage. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,000. Oakland, Cal Architect, none. Owner, H. S. Butler, 5648 Oak Grove street, Oakland. Location, south Pedestrian Way east Claremont. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, F. N. Strang, 805 Pacific avenue, Alameda. Location, Nova Piedmont. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

MARKET 1 story and base, brick, $40,000. Oakland, Cal. Architect, none. Owner, J. Pantosky, 598 31st street, Oakland. Location, southwest 10th and Washington streets. Plans complete and owner taking figures.

STORE ALTERATION Brick, $4,000. Berkeley, Alameda Co., Cal. Architect, W. H. Rateliff, Jr., First National Bank Bldg., Berkeley. Owner, Eula E. Sandow. Location, Durant avenue east Telegraph. Work will consist of altering the present theatre building into a cafeteria. Plans complete and figures being taken.

FOUNDRY 1 story, frame and galvanized iron, $3,500. Oakland, Cal. Architect, none. Owners, East Bay Foundry Co., 3330 Elon street, Oakland. Location, southeast Ford and Derby streets. Plans complete and work to be done by Day Labor.

CANNERY BUILDING 1 story, brick, $10,000. Oakland, Cal. Architect, none. Owners, H. G. Prince Co. Location, northeast 11th street opposite 28th avenue. Will cover an area of 50 by 120 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

STREET IMPROVEMENTS — Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. W. J. Schmidt, Cedar and Sacramento Sts., Berkeley, has been awarded a contract by the City Council for the following work: That Lincoln street, from Chestnut street a distance of 372 feet be graded: that concrete curbs and gutters be constructed, and that the remainder of the roadway be macadamized and surfaced with oil and rock screenings; and that a concrete storm culvert be constructed and a 6-inch vitrified, ironstone pipe sewer be constructed, with two manholes.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
1	Hoffman	Schnebly	450
2	More	Miller	450
3	Hogue	Bay City Cabinet	500
4	Tribune	Bay City Cabinet	1600
5	Burgess	Morris	1000
6	Renton	Allandan	2500
7	Kerbin	City Cornice	2000
8	Crescent	Bay City Cabinet	2500
9	Cal Dev Co.	Sheridan	500
10	Hmstd Laundry	Owner	400
11	Prince	Prince	10000
12	East Bay Fdy	Owner	3500
13	Strang	Strang	3500
14	Tickell	Burnett	3000
15	Woodard	Woodard	2750
16	Palmer	David	2788
17	Butler	Butler	2000
18	Wilcott	Goodwin	1500
19	Weider	Van Emon	1525
20	Crim	Allen	450
21	Prince	Parker	3000
22	Tong Sang	Allen	2925
23	Petitjean	Christiansen	2000
24	Pantosky	Pantosky	40000
26	Smyth	Gunn	1000
27	Havens	Whitton	3500
28	Peters	Bixler	1400
29	Pratt	Pratt	3500
30	Peters	Bixler	1400
34	Warner	Warner	550
35	Jensen	Stone	727
36	Bannon	Bellefontaine	5000
37	Coe	Coe	5000
38	Anderson	Anderson	1750
39	Carleton	Carleton	1750
40	Jarvis	Jarvis	2500

REPAIRS
(1) NO. 432 WALSWORTH AVE., Oakland. Fire repairs.
Oner.....H. H. Hoffman, Premises.
Architect ...None.

Contractor ...Schnebly ... Electric ... Pedicott 6th and Jackson Oakland.
COST $4[illegible]

ADDITION
(2) NO. 91 YOSEMITE AVE., Oakland Addition.
Owner.....J. More, 2342 E-14th, Okd.
Architect ...None.
Contractor..J. E. Miller, 1030 17th, Okd
COST, $450

ALTERATIONS
(3) NO. 1424 SAN PABLO AVE., Oakland. Alterations.
Owner.....C. L. Hogue, Premises.
Architect ...None.
Contractor..Bay City Cabinet Co., 1080 5th, Oakland.
COST, $500

ALTERATIONS
(4) NO. 1422 SAN PABLO AVE., Oakland. Alterations.
Owner.....Tribune Publishing Co., 8th and Franklin, Oakland.
Architect ...None.
Contractor..Bay City Cabinet Co., 1080 5th, Oakland.
COST, $1600

DWELLING
(5) N GEORGIA 200 E Maple Ave., Oakland. One-story 4-room dwelling
Owner.....A. N. Burgess, 3010 Brook, Oakland.
Architect ...None.
Contractor..H. H. Norris, 3519 Quigley, Oakland.
COST, $1000

DWELLING
(6) N SCHOOL 120 E Pleitner Ave., Oakland. Two-story 9-room dwlg.
Owner.....H. F. Renton, 705 Broadway, Oakland.
Architect ...None..
Contractor..Allandan Bldg. Co., 604 34th, Oakland.
COST, $2500

MARQUEE
(7) NO. 1532 BROADWAY, Oakland. Marquee.
Owner.....M. Kerbin, 1537 Broadway, Oakland.
Architect ...None.
Contractor..City Cornice Co., 3121 San Pablo Ave., Oakland.
COST, $2000

ALTERATIONS
(8) NO. 467 FOURTEENTH, Oakland. Alter store.
Owner.....Crescent Corset Co., Prem.
Architect ...None.
Contractor..Bay City Cabinet Co., 1080 5th, Oakland.
COST, $2500

REPAIRS
(9) SE FIFTH AND OAK, Oakland. Repairs.
Owner.....California Development Co.
Architect ...None.
Contractor..R. E. Sheridan, 387 11th, Oakland.
COST, $500

BOILER ROOM
(10) NO. 717 SEVENTH, Oakland Boiler room.
Oner.....Homestead Laundry Co., 717 Seventh, Oakland.
Architect ...None.
Day's work. COST, $400

[illegible] NO. [illegible] AVE., Oakland [illegible] building.
Owner.....H. G. Prince Co., Premises
Architect ...None.
Day's work. COST $[illegible]

FOUNDRY
(12) SE FORD AND DERBY, Oakland One-story galvanized [illegible]
Owner.....East Bay Foundry Co., [illegible] Elon, Oakland
Architect ...None.
Day's work COST, $[illegible]

FRAME RESIDENCE
(13) LOT 70 Nova Piedmont, Piedmont Two-story frame residence.
Owner.....F. N. Strong, [illegible] Park Ave., Alameda.
Architect ...None.
Day's work COST, $[illegible]

FRAME RESIDENCE
(14) LOT 23 BLK "F," Lakewood Park Piedmont. One-story frame residence and garage.
Owner.....A. T. Tickell.
Architect ...None.
Contractor..C. H. Burnett, [illegible] 42nd, Oakland.
COST, $[illegible]

DWELLING
(15) E LAKESHORE AVE 1100 N Walla Vista, Oakland Two-story 7-room dwelling.
Owner.....Mabel Woodard, [illegible] Brighton Ave., Oakland.
Architect ...None.
Contractor..E. W. Woodard, [illegible] Brighton Ave., Oakland.
COST, $2750

STORES
(16) SW SANTA CLARA AND OAKland Aves., Oakland. One-story 2-room stores.
Owner.....O. B. Palmer, 14th and Market, Oakland.
Architect ...None.
Contractor..W. J. David, [illegible] 24th, Oakland
COST, $[illegible]

DWELLING
(17) S PEDESTRIAN WAY [illegible] E Claremont Ave., Oakland. Two-story 5-room dwelling.
Owner.....H. S. Butler, 5648 Oak Grove, Oakland.
Architect ...None.
Day's work. COST, $2000

ALTERATIONS
(18) W THIRTY-THIRD AVE [illegible] E-16th, Oakland. Alter and addition (alter barn into dwelling).
Owner.....H. V. Wilcott, 1554 Fruitvale Ave., Oakland.
Architect ...None.
Contractor..W. L. Goodwin, 816 E-21st, Oakland.
COST, $1500

ELEVATOR
(19) LOCATION NOT GIVEN. All work for full automatic elevator for three-story and basement apartments
Owner.....Goldstein & Weider.
Architect ...None.
Contractor..Van Emon Elevator Co., 54 Natoma, San Francisco.
Proof Jan [illegible] 17 [illegible] Ave. [illegible] 18.
Payments not given.....
TOTAL COST $[illegible]

Bond, limit, forfeit, none. Specifications only filed.

OFFICE
(20) N HOBART 73 E Webster, Oakland. One-story office.
Owner.....Mrs. P. Crim, 1406 Webster, Oakland.
Architect ...None.
Contractor..E. Allen, 2718 Regent, Berkeley.
COST, $450

BOILER
(21) N E-SIXTEENTH opp. 28th Ave., Oakland. Steam boiler.
Owner.....H. G. Prince Co., Premises.
Architect ...None.
Contractor..Parker Boiler Co., Philadelphia.
COST, $3000

ADDITION
(22) 369 NINTH, Oakland. Two-story brick addition to store building.
Owner.....Tong Sang Co., Premises.
Architect ...None.
Contractor..L. W. Allen, 5521 Marshall, Oakland.
COST, $2925

DWELLING
(23) SE MADELINE AND LAGUNA Ave., Oakland. One-story 5-room dwelling.
Owner.....Joe Petitjean, 1127 E-20th, Oakland.
Architect ...None.
Contractor..Andrew Christiansen, 1203 Park, Alameda.
COST, $2000

BRICK MARKET
(24) SW TENTH AND WASHINGTON, Oakland. One-story brick market.
Owner.....J. Pantosky, 598 31st, Okd.
Architect ...None.
Day's work. . COST, $40,000

FRAME DWELLING
(26) NO. 1625 MYRTLE, Oakland. All work for one-story frame dwelling.
Owner.....W. J. Smyth, Oakland.
Architect ...None.
Contractor..J. F. Gunn, 839 Isabella, Oakland.
Filed Jan. 3, '17. Dated Oct, 26, '16.
Signing agreement $100
Brown coated 400
Completed and accepted..... 500
TOTAL COST, $1000
Bond, none. Limit, 40 days.. Forfeit, none. Plans and specifications filed.

DWELLING
(27) W KENMORE AVE 440 N Lakeshore Ave., Oakland. One-story five-room dwelling.
Owner.....Wickham Havens, Inc., 1308 Broadway, Oakland.
Architect ...None.
Contractor..Frederick Whitton, 251 Kearny, San Francisco.
COST, $3500

APARTMENTS
(28) E BRIDGE AVE 493 S Foothill Blvd., Oakland. One-story four-room apartments.
Owner.....Hattie C. Peters.
Architect ...None.
Contractor..H. E. Bixler.
COST, $1400

DWELLING
(29) W WARFIELD AVE 200 S Cottage, Oakland. Two-story 7-room dwelling.
Owner.....H. S. Pratt, 1015 Glendora Ave., Oakland.
Architect ...None.
Day's work COST, $3500

APARTMENTS
(30) E BRIDGE AVE 458 S Foothill Blvd., Oakland. One-story four-room apartments.
Owner.....Hattie C. Peters.
Architect ...None.
Contractor..H. E. Bixler.
COST, $1400

STUDIO
(34) NO. 1350 E-TWENTY-SEVENTH, Oakland. One-story 3-room studio.
Owner.....May Warner, 2710 13th Ave., Oakland.
Architect ...None.
Contractor..W. M. Warner, 2710 13th Ave., Oakland.
COST, $550

ALTERATIONS
(35) NO. 381 PALM AVE., Oakland. Alterations.
Owner.....George Jensen, Premises.
Architect ...None.
Contractor..E. P. Stone, 1212 Carrison, Berkele.
COST, $727

DWELLING
(36) NW COR. 104TH AVE & GRAFfian, Oakland. Two-story 12-room dwelling.
Owner.....Charles P. Bannon, 1101 Jones Ave., Oakland.
Architect ...None.
Contractor..A. J. Bellefontaine, 6712 Flora, Oakland.
COST, $5000

DWELLING
(37) E EUCLID AVE 677 N Van Buren, Oakland. Two-story 8-room dwelling.
Owner.....Harriet H. Coe, 362 Euclid Ave., Oakland.
Architect ...A. W. Pattiani, Merchants National Bank Bldg., S. F.
Segregated Contracts. COST, $5000

DWELLING
(38) S MADELINE 380 E Laurel, Oakland. One-story 5-room dwelling.
Owner.....C. Anderson, 2910½ Ellis Berkeley.
Architect ...None.
Day's work. COST, $1750

DWELLING
(39) S ARTHUR 300 E 69th Ave., Oakland. One-story 5-room dwelling.
Owner.....S. Carleton, 2023 69th Ave., Oakland.
Architect ...None.
Day's work. COST, $1750

DWELLING
(40) E ARDLEY 200 S Hampel, Oakland. One-story 6-room dwelling.
Owner.....Walter Jarvis, 242 Oakland Ave., Oakland.
Architect ...None.
Day's work. COST, $2500

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
25	Stanton	Mason	3000
31	Delabriandais	Owner	400
32	Bigelow	Bigelow	500
33	King	Sheridan	8750

DWELLING
(25) W FRESNO AVE 197.07 S Solano, Berkeley. One and one-half- story 7 room dwelling.
Owner.....W. B. Stanton, 920 Fresno Ave., Berkeley.
Architeca ...None.
Contractor..Mason-McDuffie Co., Shattuck Ave & Addison, Bkly.
COST, $3000

ADDITION
(31) NO. 1808 FIFTH, Berkeley. Addition.
Owner.....L. Delabriandais, Premises.
Architect ...None.
Day's work. COST, $400

GARAGE
(32) NO. 2320 CHANNING WAY, Berkeley. Garage.
Owner.....D. E. Bigelow, 2333 Channing Way, Berkeley.
Architect ...None.
Day's work. COST, $500

CLASS "C" GARAGE
(33) NW TELEGRAPH AVE & BLAKE W 123.61 N 72 E 144.68 S 75, Berkeley. All work for one-story Class "C" garage.
Owner.....E. P. and Stella C. King, Telegraph Ave and Dwight Way, Berkeley.
Architect ...A. W. Smith, 1010 Broadway, Oakland.
Contractor..Phil Sheridan, 1510 Harmon, Berkeley.
Filed Jan. 4, '17. Dated Jan. 2, '17.
Foundations completed $2000
Roof trusses in place..... 2250
Completed and accepted..... 2250
Usual 35 days..... 2250
TOTAL COST, $8750
Bond, $4500. Sureties, Emma T. Sheridan and Minnie C. Niehaus. Limit, March 30, 1917. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Jan. 3, 1917—N FIFTY-FOURTH 229.-62 E Grove E 40xN 130, Okd. Janet Phelps as to improvements on leased property .....
Jan. 4, 1917—S FOURTEENTH 100 W Broadway W 100xS 100, Oakland. Matilda Brown, Annie Moller and Lillian D Powers as to improvements on leased property.....

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Dec. 30, 1916—NE 35 LOT 141 Map Dowling Homestead Tract, Okd. E H and A Chappell to E F Seward .....Dec. 23, 1916
Dec. 30, 1916—LOT 8 BLK 8, The Resbdvn Blk 8 of that ptn Rock Ridge Terrace filed March 16, 1911, Okd. Blake Bros Co to whom it may concern.....Dec. 30, 1916
Dec. 30, 1916—PTN BLK BDED on N by Bristol, E by Third, S by University Ave and W by Second, Bkly. El Dorado Oil Works to Brode Iron Works.....Dec. 22, 1916
Jan. 2, 1917—LOT 5 BLK 104 Map Central Tract being No. 452 B St., Hayward. Margaret A Carr to Sorrenson Bros.....Jan. 2, 1917
Jan. 2, 1917—N 45 LOT 12 BLK 1 Map Berkeley Square, Bkly. H H Gast-

man to whom it may concern.....
.....Dec. 26, 1916
Jan. 3, 1917—W PARK 50-2 N San Jose Ave N 50-2 W 108-11 S 50 E 104-6, Alameda. David and Leon Garfinkle to Conrad Roth. Dec. 30, '16
Jan. 4, 1917—N ARKANSAS 185 E Peralta Ave N 100xE 34, Okd. Andrew Anderson to whom it may concern.....Jan. 1, 1917
Jan. 4, 1917—LOT 12 BLK "A" 1562 Bateman Tract No. 2 on Benvenue Ave, Bkly. Ethel W Reavis to G A Scott.....Dec. 30, 1916
Jan. 4, 1917—LOT 17 BLK "B" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern...
.....Jan. 3, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Dec. 30, 1916—W SANTA CLARA AV 82.22 N Crescent N on curve to right 40 SW 82 SE 40 NE 81.90, Okd. Rhodes-Jamieson & Co vs L W Anderson and C P Eggleston
.....$76.50
Dec. 30, 1916—NW COLLEGE AND Miles Aves W 76.41 NW 31 NE 88.52 S 33.28, Okd. Bruce Lumber & Mill Co vs Charles L Gifford, William P & Johanna Jacoby.$806.93
Dec. 30, 1916—NO. 825 TWELFTH, Okd. W M Nichols vs V F Anthony and Ada D Tate.....$28
Dec 30, 1916—LOT 22 BLK 36 Amended Map Fairmont Park, Albany. Joe Carroll vs Madge H Jones and Mae L Oyster.....$32
Jan. 3, 1917—PTN LOT 8 Map Sbdvn Kellersberger's Plot 72, Oakland. Pacific Mfg Co vs Maurice G Logan and Bertha D Logan....$83.40
Jan. 4, 1917—..NW NINETEENTH Ave 35 SW E-19th SW 35xNW 130, Okd. Chris Nelson (East Oakland Hardware & Paint Co) vs William B White $40.60
Jan. 4, 1916—S ELEVENTH AND W Franklin W 175xS 100, Okd. Rhodes-Jamieson & Co vs Charles Floodberg and John McCaffery (as Floodberg & McCaffery) and James Moffitt Estate Co.....$1482.78
Jan.. 4, 1917—SE SEVENTH AVE & SW E-11th SW 30xSE 90, Okd. Cobbledick-Kibbe Glass Co vs W F and May Fox and C M Smith.$36.22
Jan. 5, 1917—S ELEVENTH 125 E Broadway E 175xS 100, Okd. Henry Cowell Lime & Cement Co vs Chas Floodberg and H P McCaffery (as Floodberg & McCaffery) and Jas K Moffitt Estate Co.....$406.25
Jan. 5, 1917—S ELEVENTH 125 E Broadway E 175xS 100, Okd. Panama Lumber & Mill Co vs Chas Floodberg and **John** McCaffery (doing business under firm name of Floodberg & McCaffery) and Jas K Moffitt Estate Co.....$410.47
Jan. 5, 1917—NW NINETEENTH Ave 35 SW E-19th SW 35 NW 130, Okd. J B Henderson vs Wm B White $74.09
Jan. 5, 1917—PTN LOTS 4, 5, 6, 7 all Lots 8, 9, 10, 11, 21, 22, 23, 24 and ptn Lots 25 to 32 incl. Map R J McMullens Sbdvn Blk 576, Okd. Rhodes-Jamieson & Co vs H A Chalmers, Alexander J Porter and Pacific Coast Shredded Wheat Co $134.75
Jan. 5, 1917—S ELEVENTH 125 E Broadway E 175xS 100 Okd. National Lathing & Furring Co vs James Moffitt Estate Co and Floodberg & McCaffery $1870.30
Jan. 5, 1917—E FRANKLIN 477.3 N 14th N 180.3xE 150, Okd. Sunset Lumber Co vs William E Miller Estate Co and P A Palmer .$2162.86
Jan. 5, 1917—LOT 6 Map Eden Acres, Eden Tp. F J Russell vs George W Schmitz $164.92

SAN JOSE AND THE SANTA CLARA VALLEY.

STORM WATER DRAINAGE SYSTEM—Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, City Engineer, Redwood City. Owners, Redwood City. The City Trustees have instructed City Engineer Porter to prepare plans and specifications for the construction of a permanent storm water drainage system for the western portion of the city. On approval of plans bids for the work will be called.

HIGHWAY CONSTRUCTION — $34,-000. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The Board of Supervisors at the meeting on January 2nd voted to return all bids for road work in and near Redwood City. Bids for this work were first received on December 18th and then postponed until January 2nd. Will be readvertised.

BRIDGE—Reinforced concrete, $25,-000. San Jose, Santa Clara Co., Cal. Engineer, City Department of Public Works, San Jose. Owners, City of San Jose. City Manager Thomas H. Reed reports that plans and specifications are nearing completion for a new bridge costing $25,000, which will replace the present dangerous structure located at 17th and Santa Clara Sts.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

RESIDENCE AND GARAGE
PALO ALTO. All work for two-story and basement residence and garage.
Owner.....H. Clay Miller, 530 Melville St,, Palo Alto.
Architect ...Loring P. Rixford.
Contractor..G. W. Mosher, 365 Channing, Palo Alto.
Filed Jan. 5, '17. Dated Dec. 20, '17.
Frame up $1625
Roof on and brown plastered... 1625
Acceptance 1625
Usual 35 days..... 1625
TOTAL COST, $6500
Bond, none. Limit, 90 days from date. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Dec. 29, 1916—PAGE'S MILL ROAD, Menlo Park. Elise A Drexler to Collman & Duncan.....Dec. 21, 1916

BUILDING CONTRACTS

SAN MATEO COUNTY.

FRAME RESIDENCE
BURLINGAME. All work or one-story hollow tile and frame residence.
Owner.....Lillian Vredenburgh.
Architect ...Higgie & Mill, Porter Bldg., San Jose
Contractor..P. E. Peterson, [illegible] Fifth St., San Jose
Filed Dec. 21, '16 Dated Dec. 7, '16
When framed ..... ¼
When plastered ..... ¼
When completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $17[illegible]
Bond, $853 Sureties, Geo W Dobson and W. O. Berg. Limit, 80 working days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
LOT 16 BLK 47, Lyon & Hoag Sub. Town of Burlingame. All work for one-story frame bungalow.
Owner.....C. N. Kirkbride, 318 B St., San Mateo.
Architect ...None.
Contractor..D. F. Valentine, San Mateo
Filed Dec. 22, '16. Dated Dec. 9, '16.
When framed $187.50
Roofed and plastered..... 187.50
When completed 187.50
Usual 35 days..... 187.50
TOTAL COST, $750.00
Bond, none. Limit, 40 days. Forfeit, $1 per day. Plans and specifications filed.

HEATING SYSTEM
SPRUCE ST. & MILLER AVE., South San Francisco. Hot air furnace heating system for school building in course of construction.
Owner.....South San Francisco High School District.
Architect ...W. H. Weeks, 75 Post St., San Francisco.
Contractor..Ideal Heating & Engineering Co., 192 Erie St., S. F
Filed Dec. 26, '16. Dated Nov. 13, '16.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $4672
Bond, $2336. Surety, Fidelity & Deposit Co. of Maryland. Limit, 160 days. Forfeit, $25 per day. Plans and specifications filed.

PHOENIX BUILT-UP ASBESTOS ROOF on above.
Contractor..H. W. Johns-Manville Co., 2nd and Howard, S. F.
Filed Dec. 26, '16. Dated Dec. 13, '16.
Payments same as above.....
TOTAL COST, $668
Bond, none. Limit, 8 days. Forfeit, $25 per day. Plans and specifications, none.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE 1½ story and base, frame, $4,000. Benicia, Solano Co., Cal. Architect, Chester H. Miller, First Savings Bank Bldg., Oakland. Owner, Mr. Mann. Will contain seven rooms, bath and sleeping porch. Plans are being prepared.

Contract Awarded.

ROAD CONSTRUCTION — $7,000. Santa Rosa, Sonoma Co., Cal. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Contractor, Newton J. Grider, Santa Rosa. Contract price, $7,000.

BUILDING CONTRACTS

CONTRA COSTA COUUNTY.

BRICK SCHOOL
TWENTY-SECOND ST bet. Macdon-

3rd Ave and Bissell Richmond. All work for two-story brick school.
Owner.....High School Board of Richmond.
Architect . J. T Narbett, 910 Macdonald Ave., Richmond.
Contractor J. S. Hannah, Williams Bldg., San Francisco.
COST, $14,763

FRAME COTTAGE
THIRTEENTH ST., bet. Bissell and Chanslor, Richmond. One-story frame cottage.
Owner.....J. N. Long, 327 21st St., Richmond.
Architect ...None.
Contractor..Jones & Strowbridge, 256 9th, Richmond.
COST, $1700

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council has directed the Clerk to advertise for bids for an electrolier system on South J street, to start where the present system ends and continue to the city limits. Plans for the work may be had from the City Clerk.

SIDEWALK CONSTRUCTION—$30,000. Porterville, Tulare Co., Cal. Engineer, City Engineer, Porterville. Owners, City of Porterville. The City Council has passed the necessary resolutions providing for the construction of nearly eight miles of sidewalk.

WAREHOUSE ADDITION—1 story, reinforced concrete. Cost not stated. Bakersfield, Kern Co., Cal. Architect, none. Owner, Kern County Land Co. Location, near Santa Fe tracks. Addition will be 127 feet long and contain three fireproof compartments. Plans being prepared.

CREAMERY — 1 story and base, brick, $10,000. Lemoore, Kings Co., Cal. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Kings County Creamery. Will cover an area of 50 by 100 feet. Plans complete and figures being taken.

LODGE HALL AND STORES — 2 story and base, brick. Cost not stated. Merced, Merced Co., Cal. Architect, C. H. Russell, Story Bldg., L. A. Owners, Masonic Building Association. Will cover an area of 100 by 100 feet and contain stores on the first floor and lodge rooms above. Plans are being prepared.

GARAGE—1 story and base, brick. Cost not stated Bakersfield, Kern Co., Cal. Architect, J. M. Saffell, Fiske Bldg., Bakersfield. Owner, George Haberfelde. Location, Chester street, covering an area of 115 by 264 feet. Plans complete ond figures being taken.

LODGE HALL AND STORES — 3 story, brick, $60,000. Visalia, Tulare Co., Cal. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Elks Hall Association. Will contain stores on the first floor and lodge rooms above. Plans complete and figures to be called for by January 15th.

RESIDENCE — 1 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, T. M. Lozans. Location, Fairmont Tract. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
LOTS 9 AND 10 BLK 4, Sunset Tract, Fresno. Dwelling.
Owner..... J. A. McFarland.
Architect ...None.
Contractor..Gede & Gede, 451 Poplar St., Fresno.
COST, $4500

DRILL WELL
SEC 1, 20-15, Fresno. All work for drilling oil well.
Owner.....Kern Trading & Oil Co., Flood Bldg., San Francisco.
Architect ...None.
Contractor..W. M. Keck Drilling Co.
Filed Jan. 2, '17. Dated Dec. 26, '16.
Per month 50%
TOTAL COST, Per foot drilled and casing set, $5.50.
Bond, $10,275. Surety, U. S. Fidelity & Guaranty Co. Limit, forfeit, plans and specifications, none.

DWELLLING
LOTS 17 AND 18 BLK 101, Fairmount Sub. Dwelling and store.
Owner.....T. M. Lozaus.
Architect ...None.
Day's work. COST, $1500

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
Jan. 3, 1917—LOT 11 BLK 1 Woodlawn, Fresno. Chas W Stewart to whom it may concern..Dec. 30, 1916
Jan. 4, 1917—LOTS 18 TO 21 BLK 12 Union Addition, Selma. The Christian Church of Selma to J A Moore and G C Sinclair.....Jan. 3, 1917

LIENS FILED

FRESNO COUNTY.

RECORDED AMOUNT
Dec. 30, 1916—LOTS 18 TO 21 BLK 6 Whitson Addition, Selma. Valley Lumber Co vs Wade H Griffin...$588
Dec. 29, 1916—FRESNO (Depot Bldg.) Chas McCord vs S P Railway Co.$607

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

STREET IMPROVEMENTS — Cost not stated. Colusa, Colusa Co., Cal. Engineer, City Engineer, Colusa. Owners, City of Colusa. Only one bid was received by the Trustees for the improvement work planned under resolution No. 19, and this was rejected as the bidder failed to designate the correct streets. Bids for the work were ordered readvertised. The bid was submitted by Joe O'Haver.

STREET IMPROVEMENT—Cost not stated. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. The City Council has ordered the City Clerk to advertise for bids for macadamizing Broadway. Plans for the work may be had from the City Clerk.

HIGHWAY CONSTRUCTION — Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. The San Joaquin County Supervisors at their last meeting adopted plans and specifications for the improvement of Harney Lane, Palm avenue and the Brack road, all in the immediate vicinity of Lodi. Bids were called for to be submitted February 19th.

STREET IMPROVEMENTS—Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Contracts for street improvements have been awarded under the following resolutions: That that portion of Harkness avenue between the south line of Harkness avenue and a line parallel to and 5 feet north of the socth line of Harkness avence be improved by grading and constrccting thereon a concrete sidewalk 5 feet in width and 3½ inches thick. Awarded to A. Olsen, 2724 First avenue, Sacramento.

That W street from 8th street to 31st street be improved by grading the space between the property line and curb where concrete sidewalk does not exist, constructing concrete sidewalks 6 feet in width and 3½ inches thick. Awarded to A. Olsen, 2724 First avenue, Sacramento.

BRIDGES AND CULVERTS — Reinforced concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Plans and specifications for bridges and culverts to be built on county road No. 464, which extends south from the Farmington road. The structures to be built are two 20-foot culverts, one 40-foot trestle bridge, one 60-foot span bridge and one 120-foot bridge, which is to include a 60-foot trestle and a 60-foot span. Bids were called for to be submitted February 6th.

FIRE HOUSE—1 and 2 story, reinforced concrete, $10,325. Tracy, San Joaquin Co., Cal. Architects, Sala & Mayo, Commtrcial and Savings Bank Bldg., Stockton. Owners, City of Tracy. The City Trustees at their last meeting opened bids for the construction of the proposed municipal building and took the bid of J. F. Shepherd, 1031 West Vine street, Stockton, for $10,325, under advisement.

PACKING PLANT—1 and 2 story, frame and concrete, $90,000. Walnut Grove, Sacramento Co,, Cal., Architect, Washington J. Miller, 417 Market street, S. F. Owners, Libby, McNeil & Libby. Group will consist of cannery building, offices, two cottages and a wharf and warehouse. Plans being prepared.

STORE FRONTS—$1,000. Sacramento, Cal. Architect, A. Willoner, 403 21st street, Sacramento. Owner, D, Anapolsky. Location, 708 K street. Work will consist of installing new store fronts. Plans are being prepared.

Contract Awarded.

HIGHWAY IMPROVEMENT — $22,720.54. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Contractors, Moreing Bros., Ochsner Bldg., Sacramento. Contract price, $22,720.54.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

GARAGE
LOT 2 AND W ½ LOT 3 M, N, 4th and 5th Sts., Sacramento. Garage.
Owner.....F. W. Biewener, 1129 L St., Sacramento.
Architect ...None.
Contractor..W. H. Hawk.
COST, $900

ALTERATIONS
J, K, THIRD AND FOURTH STS., Sacramento. Remodel two-story brick store building.
Owner.....Book Investment Co.
Architect ...None.
Contractor..J. A. Silvo.
COST, $750

SHED
LOT 2 AND W ½ LOT 3 M, N, 4th and 5th Sts., Sacramento. Build shed.
Owner.....F. W. Biewener, 1129 L St., Sacramento.
Architect ...None.
Contractor..W. H. Hawk.
COST, $600

ICE STORAGE BUILDING
No. 3031 THIRTY-FIFTH ST., Sacramento. Ice storage building.
Owner.....Rasmus Carstensen 2021 35th St., Sacramento.
Architect ...None.
Contractor..I. C. Boss, 914 27th St., Sacramento.
COST, $4100

BRICK BUILDING
N 40 FEET LOT 2 I, J, 3rd and 4th Sts., Sacramento. Brick building.
Owner.....Daniel Mason, 1703 G St., Sacramento.
Architect ...None.
Day's work. COST, $600

REPAIRS
S 103 FEET LOT 1 I, J, 3rd and 4th Sts., Sacramento. Repair brick wall.
Owner.....Daniel Mason, 1703 G St., Sacramento.
Architect ...None.
Day's work. COST, $550

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Jan. 2, 1917—ENTERPRISE SCHOOL District, Sacramento. Enterprise School to Walter T Feagan.....
.....Dec. 29, 1916

RELEASE OF LIENS

SACRAMENTO COUNTY.

RECORDED AMOUNT
Dec. [illegible] N ½ LOT [illegible] and 9th Sts., Sacramento. [illegible] Option to V. H. Vogt .. $1[illegible]

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

BRICK BUILDING
LOT 9 BLK 5 East of Center St., Stockton. Excavating, concrete and cement work, brick, iron and metal, carpenter, plastering, plumbing, electric wiring and fixtures, rough lining, painting and glass work for two-story brick structure.
Owner... R. B. Gallahan, C. E. Littlehale and M. S. Arndt, 323 E-Weber St., Stockton.
Architect ...Franklyn B. Warner, San Joaquin Bldg., Stockton.
Contractor..Henry Green and Wesley Daniels, 623 West Park St., Stockton.
Filed Dec. 29, '16. Dated Dec. 28, '16.
1st floor joists on.....$1000.00
Roof on and plumbing set.... 4000.00
Plastering completed 3000.00
Completed and accepted.. [illegible]
Usual 35 days..... 4207.75
TOTAL COST, $16,[illegible]
Bond, $8500. Sureties, M. P. Stein and A. W. Cowell. Limit, 90 days. Forfeit, $10 per day. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

PROMENADE—Reinforced concrete, $52,000. Manhattan Beach, Los Angeles Co., Cal. Engineer, City Engineer Murry, Manhattan Beach. Owners, City of Manhattan Beach. Bids will be received by the City Trustees up to 7:20 p. m. of January 17th for constructing a reinforced concrete promenade, 27 blocks in length, including concrete pavement, 13 flights of stairways, balustrades, 7,500 feet of pipe for drainage purposes, including vitrified and cement pipe and corrugated metal pipe; and 22-inch reinforced concrete walls.

APARTMENT HOUSE—4 and 5 story and base, brick and steel, $150,000. Los Angeles, Cal. Architect, L. T. Mayo, Black Bldg., L. A. Owner, L. T. Mayo. Location, West 7th street, covering an area of 85 by 235 feet. Will contain 90 suites of two and three rooms. Plans complete and subfigures being taken.

[illegible] HOME [illegible] story and base, reinforced concrete, $130,000. Los Angeles, Cal. Architect, John Schultz, Wright and Callender [illegible], L. A. Owners, Los Angeles County. Location, County Hospital grounds, covering an area of 144 by 110 feet. Plans complete and figures being taken. Bids to be opened on [illegible].

MOTION PICTURE PLANT—1 story, frame and plaster, $60,000. San Diego, Cal. Architect, H. S. Bradley, California Bldg., L. A. Owners, Empire Film Trust. There will be the main building, approximately 300 by 400 feet; a steel and glass studio; clubhouse, etc. The buildings will be principally of frame construction with plastered exterior.

HOSPITAL GROUP [illegible] and 3 story and base, reinforced concrete, $200,000. San Diego, Cal. Architect, Harrison Albright, Laughlin Bldg., L. A. Owners, Sisters of Mercy. Location, 5th and Washington streets. Plans are being prepared.

PORTLAND AND OREGON.

HIGHWTY CONSTRUCTION — $50,-024. Coquille, Coos Co., Ore. Engineer, County Surveyor, Coquille. Owners, Coos County. Only one complete bid was submitted to the County Court for the construction of a portion of the proposed Coast Highway, that being the bid of M. W. Payne of Marshfield, Ore.

LODGE HALL—3 story and base, reinforced concrete, $60,000. Portland, Ore. Architect, Emil Schacht, Commonwealth Bldg., Portland. Owners, United Artisans. Location, Third and Columbia streets, covering an area of 100 by 100 feet. Plans are being prepared.

Contract Awarded.

FACTORY [illegible] story and [illegible] reinforced concrete. Cost not stated. Oregon City, Ore. Architect, none. Owners, Oregon City Manufacturing Co. Contractors, Rasmussen & Gage. Bates Bldg., Portland. Contract price not given.

SEATTLE AND WASHINGTON.

HIGHWAY IMPROVEMENTS [illegible] as follows: Seattle, West [illegible] County Surveyor, Seattle. Owners, King [illegible] Bldg., Seattle, submitted the lowest bid at $28,331 to the County Commissioners for the grading, etc., of three miles of highway between Lake Burien and Three Tree Point, and he will probably [illegible]

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APARTMENT HOUSE—6 story and base, reinforced concrete, $125,000. Seattle, Wash. Architect, V. W. Voorhies, Eitel Bldg., Seattle. Owner's name withheld. Location, 5th avenue and Lenora Hill. Will contain 60 suites of two and three rooms. Plans are being prepared.

APARTMENT HOUSE—5 story and base, steel, brick and concrete. Cost not stated. Seattle, Wash. Architects, Charles Bebb and Carl Gould, associated, Denny Bldg., Seattle. Owner, F. M. Jordan, American Bank Bldg., Seattle. Location, Denny Hill District, covering an area of 60 by 120 feet. Will contain 75 suites. Plans are being prepared.

BRIDGE—Steel and concrete, $32,242. Everett, Snohomish Co., Wash. Engineer, County Surveyor, Everett. Owners, Snohomish County. H. Price of Everett submitted the lowest figure for the construction of the proposed bridge over the Snohomish River and he will probably be awarded the contract. Price's bid was $32,242. Other bids submittd ran as high as $39,000.

RECEIVE FIGURES FOR VISALIA JAIL WORK.

Trewhitt & Shields of Fresno Low on General Construction and Ralston Iron Works on Cell Work.

(By Special Wire)

VISALIA, Tulare Co. Cal., Jan. 5th, 1917.—Trewhitt & Shields, Rowell Bldg., Fresno, submitted the lowest bid for the general construction of the new jail building to be erected in this city at $34,900. The Ralston Iron Works of San Francisco were low on the cell work at $27,700. Bids were taken under advisement.

Plans for the building, which is a reinforced concrete structure, were prepared by Architect Ernest J. Kump, Fresno. Following is a complete list of the bids as opened:

General Construction.

D. B. Day	$40,000
Trewhitt & Shields	34,900
Johnson Bros.	42,500

Cell Work.

Pauly Jail Building Co.	$29,245
M. G. West Co.	30,783
Ralston Iron Works	27,700
Vandorn Iron Works	29,748

STATE HARBOR BOARD AWARDS CONTRACT.

Twenty-One Sets of Figures Received For Constructing Building For Naval Training Station.

Twenty-one sets of figures were opened by the State Board of Harbor Commissioners at their meeting Thursday, January 4th, for the construction of a one-story frame building to be occupied by the Naval Training Station on Pier No. 14. J. D. Hannah presented the lowest bid at $4,516 and was awarded the contract. Following is a complete list of the bids received:

Building for Naval Training Station.

Schroder & Son	$4,674
Diognardi & Terranova	5,642
R. S. K. MacMillen	4,976
David Graham	5,695
F. I. Turner	4,889
M. Fisher	6,650
P. J. Lynch	5,936
Monson Bros.	7,337
W. A. Faun	5,385
Anderson & Ringrose	4,740
J. D. Hannah	4,516
Frank M. Carden	6,973
L. G. Bergren & Son	5,372
Harvey A. Klyce	6,146
M. G. Zelinsky	5,390
Newsom & Hemming	5,588
Chris Larsen & Son	5,754
Joel Johnson	5,394
Charles Koenig	5,034
Arthur Elvin	5,574
Fred Miller	5,229

FOREST NOTES.

During the fiscal year 1916, 705,872 acres of National Forest timberlands were estimated and mapped intensively, and 1,093,006 extensively. In all, 20,815,798 acres have been mapped by intensive methods and $47,291,660 by extensive methods.

The work of classifying and opening to homestead entry such lands in the National Forests as are chiefly valuable for agriculture is progressing rapidly. Already over seventy million acres have been covered by field examinations and the final reports acted upon.

Investigations by the Forest Products Laboratory, at Madison, Wisconsin, have resulted in the use of spent tanbark in the manufacture of asphalt shingles to the extent of 160 tons per week. The value of the bark has been thereby increased from 60 cents to $2.50 per ton.

There were cut from the National Forests in the fiscal year 1916, 604,902,000 board feet of timber. Of this amount 119,483,000 board feet was cut under free use privilege of 42,055 individuals. In all, 10,840 sales of timber were made, of which 97 per cent were under $100 in value, indicating the extent to which the homesteader, rancher, miner, small millman, and others in need of a limited quantity of timber draw upon the Forests.

FRESNO BUILDING NORMAL.

FRESNO, Cal.—Building for the year of 1916, while lower by $136,216 than the 1915 record, reflect a more regular activity in the construction of dwellings. The deficiency as shown by the totals of 1916 is accounted for in the erection of large buildings, which brings that of the former year considerably over the amount of building in 1916.

A comparison with the building of the year just past with that in 1914 results in a similar conclusion. During 1914, permits for new buildings amounted to $954,368, and alterations to $208,790. Both the new buildings and the repair and alteration permits were in excess of the 1915 and 1916 permits. The months of May, June, July and September, showed new buildings to amount to over $150,000, with alterations and repairs in proportion.

The totals for the years of 1914 and 1915 passed the million mark, which was slightly above the record of 1916. The total for the year, as compiled from the records, is $1,163,158.

NEW SURFACES ON MACADAM HIGHWAYS.

"There are two essentials to all good roads, no matter where built or for what purpose used, and these are proper drainage and a suitable foundation," said Mr. George C. Warren, Boston, Mass., in a paper read at the twenty-thir annual convention of the American Society of Municipal Improvements, at Newark, N. J. "There are now thousands of miles of macadam road in use and because of lack of funds for more costly construction more will be built in the future, even in places where it is recognized that macadam will not long sustain modern exacting traffic. It is the part of wisdom to recognize this fact. Insist upon the adoption of proper drainage, and be prepared to utilize as far as possible the work already done as a foundation for a superior wearing surface when the future use of the road and the character of traffic to which it may be sustained has developed the fact that a different wearing surface from ordinary macadam pavement must be used, and the funds for improvement are economically available.

"The speaker, however, is not one of those who argues or believes that macadam is useless, as a new construction for certain classes of roads, or that old macadam must be torn up and wasted to make place for a new and modern construction. He, however, does state the very firm conviction, based on broad and varied observations and expierence, that macadam, whether water-bound or bitumen-coated, is not adequate to economically or satisfactorily withstand the present traffic of the automobile thoroughfares, which constitute probably more than 75 per cent of the city streets and country roads throughout the United States and Canada.

"The speaker is opposed to the commonly expressed thought that the old macadam must be wasted and a new foundation as well as new surface supplied. On the contrary, economic conservation demands that the old macadam be preserved, and, if too thin to provide a foundation for a new surface, build up but never destroy the old macadam, and then surface with the very best available surface material.

"The speaker would fall short of his duty if he did not add two important points of caution, to wit:

"Be sure the road to be surfaced has macadam worthy of the name.

"Be sure that the road is suitably drained.

"If the old macadam has not a depth of at least four inches of solid metal, it should be reinforced by a surfacing of new metal thoroughly compressed into the old. During construction test holes should be dug in the old macadam at intervals of say one hundred feet. A mere 'shell' of stone which looks fairly well when dry is not sufficient, but does provide a solid construction to build upon without the expense of waste of removal. In short,

save what exists and build up on that. Contracts always provide unit prices for new materials of the several grades possibly required for building up the old macadam in sections where such test holes show more metal is required.

"Disturb the old macadam just as little as possible, by accommodating the new lines and grades to the old as far as practicable. For instance, if the crown is too high, correct this as fast as possible by raising the sides and not by excavating from the center of the road.

"If the old street or road is not properly drained, provide such drainage, which is a comparatively simple and inexpensive operation and important, whatever kind of pavement surface or foundation is adopted. These are matters theoretically appreciated by all, but practically neglected in far too many cases by both engineers and road builders."

MAIL ORDER FIENDS WHACKED BY "COUNTRY" EDITOR.

Every resident of California, either out of business or tied up in some line of buying and selling in the State, will be the richer and happier for reading an editorial in last week's issue of "The Tidings," the leading newspaper of Fall River, California. That is to say, he or she will be the richer and happier for reading that editorial—if he or she will only determine to act on it.

"Community Loyality" is the title of the Fall River editorial, and the facts apply so forcefully to the entire State of California that the Home Industry League of California is sending out thousands of copies of the article, which reads in part as follows:

Are you going to patronize the mail order house this year? Or are you going to, if necessary, even make a slight, apparent sacrifice and stick to home people?

Whence came the money that you are intending to send to that mail order concern? Did it come from the city in which that concern is located? Not by a long shot. If you are a farmer, it is the product of the soil. What soil? Why, the soil of your own community. Now you, as a practical farmer, know full well the results of the ruinous practice of taking everything from your land and returning nothing to it. You know that this practice must sooner or later impoverish your soil and destroy your source of income.

Can't you realize that in sending your money away from home you are doing to the community just what you would not think of doing to your farm—robbing it of its productive power? You certainly are! Every dollar sent away from your community robs it of just that much of its power for good.

But, perhaps, you are not a farmer, not a mechanic or trader. Then the responsibility rests even more heavily upon you to keep your money in the home channels of trade, because all of it came from the hard earnings of your neighbors and friends, and you have no right to deprive the community of the good it can do if circulated therein.

Yes, we say "no right." No man has any right to be disloyal to his community. Deprive any man entirely of community support and he becomes a pariah—worse than a Robinson Crusoe, for he is among his kind but not of them. What loneliness could be more terrible? If, then, you are thus dependent on your neighbors and friends, do you not owe them an equal allegiance? Are they to consult your interests while you ignore theirs? This were ingratitude of the basest sort.

[illegible] patron of the mail [illegible] that [illegible] [illegible] [illegible]

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OAKLAND ARCHITECT IS HONORED BY ASSOCIATION.

John J. Donovan, architect for the city of Oakland has received a signal honor in being appointed by the department of school administration of the National Education Association, to serve as a member of the committee on the standarization of the planning and construction of school buildings. This appointment is not only gratifying to Donovan, but to the city of Oakland, as well, for it is a recognition of the splendid schools of this city.

Among the other architects serving on the committee are William B. Ittner, city architect for St. Louis, Missouri, and C. B. J. Snyder, city architect for the city of New York, both cities being famous for their school architecture.

Donovan will collect accurate data on the best schools of the Pacific coast, and will later meet with the committee for consultation and tabulate the information obtained from all the great cities of the United States.

Amang Oakland's most famous schools for which Donovan is responsible, are the Technical high school, and many grammar schools, including the Emerson, Jefferson, Lockwood, Clawson, Durant, Lakeview, Longfellow, Washington, McChesney and others.

Donovan is at present building schools at Palto Alto, San Leandro, and Albany, as well as in Oakland, and with his partner, C. W. Dickey, is making plans for a large high school at Elko, Nevada, to be erected in the spring. He stands today as one of the best informed school architects in the United States.

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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento. Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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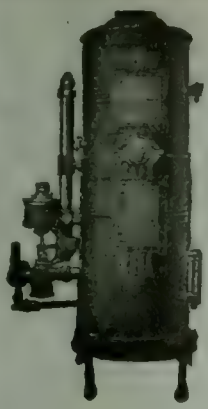
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NEW PUBLICATIONS. SPECIAL—1916 For these publications apply to the Superintendent of Documents.

BULLETINS.

Bulletin 107. Prospecting and Mining of Copper Ore at Santa Rita, New Mexico, by Donald F. MacDonald and Charles Enzian. 1916. 122 pp.; 10 pls., 20 figs. 25 cents.

Bulletin 111. Molybdenum; Its Ores and their Concentration, with a Discussion of Markets, Prices, and Uses, by Frederick W. Horton. 1916. 132 pp., 18 pls., 2 figs. 30 cents.

Bulletin 121. The History and Development of Gold Dredging in Montana, by Hennen Jennings, with a chapter on Placer Mining Methods and Operating Costs, by Charles Janin. 1916. 29 pls., 1 fig., 63 pp. 30 cents.

Owing to the expense involved in the preparation and publication of these bulletins and the limited printing funds available for the use of the Bureau of Mines, it has been necessary to place on each bulletin the price designated. Orders should not be sent to the Bureau of Mines, but should be addressed to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

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BUILDING TRADES EMPLOYERS' ASSOCIATION ADOPTS RESOLUTIONS OF CONDOLENCE.

The untimely death, some few weeks ago, of Geo. S. McCallum, for many years Secretary of the Building Trades Employers' Association, is called to mind by the adoption by that association of the following resolutions, which were suitably engrossed and presented to the family of the late Mr. McCallum.

WHEREAS, It has pleased our Heavenly Father in His Divine Wisdom to remove from our midst and out of the sphere of his earthly usefulness, our beloved secretary, George S. McCallum, and

WHEREAS, In the passing of Secretary McCallum, the Building Trade Employers' Association has lost a faithful officer, a man esteemed by all for his many good and noble qualities, a conscientious, untiring worker for the upbuilding of the building industry, and

WHEREAS, We have been impressed with the lesson of the uncertainty of human life by the sudden passing of our beloved Secretary from this world into the mysterious hereafter, "whose portal we call death," now, therefore, be it

RESOLVED, By the Building Trades Employers' Association, that, while we will greatly miss our departed Secretary, nevertheless, the memory of his associations will ever remain fresh in our minds, and that we extend heartfelt sympathy to the family, and in particular to his beloved wife, and that a page of our records be dedicated to his memory, on which these resolutions be inserted, and that a copy be sent to Mrs. Geo. S. McCallum and family.

BUILDING TRADES EMPLOYERS' ASSOCIATION.

(Signed) C. F. SEITZ,
A. C. SCHINDLER,
HARRY P. STOW,
Committee.

◆

EXTENSION TO HOSPITAL BUILDING IN BANGKOK.

BANGKOK, Siam.—The King of Siam has presented funds to the Red Cross Society of Siam for the construction of another ward for the Chulalongkorn Memorial Hospital in Bangkok. The new ward is to be a replica of the one a local firm, the Bangkok Dock Co. (Ltd.), is now completing, and this company will also construct the new ward. The former building was to cost about $39,000 gold, including electric-light installation, and was to be built in two stories of brick and ferroconcrete.

BOARD OF CONTROL MAKES ANNUAL APPROPRIATIONS.

Nearly Two Million Dollars to be Expended for Construction at Various State Institutions this Year.

(By Special Wire)

SACRAMENTO, Cal., Jan. 11th, 1917. Appropriations totaling $1,884,100 were made today by the State Board of Control for building construction at the various State Institutions during 1917. Of this amount San Francisco and the northern part of the state received $1,042,000 and Los Angelels and the southern part $842,100.

The amounts allotted the various institutions together with the nature of the contemplated construction follows:

State Building Appropriations

Site and buildings for the new Home for Feeble Minded in the southern portion of the state. $250,000
Completion of building program of the new Norwalk State Hospital. $246,700
Further reconstruction of Whittier Boys' School $127,500
Completion of building program of new School for Girls at Ventura $123,200
Re-building of Exhibit Pavilion at State Fair, Sacramento, which was destroyed by fire $300,000
Buildings for new Humboldt State Normal at Arcata $230,000
Construction of buildings at Davis State Farm School. $140,000
Completion of buildings at Citrus Experimental Station at Riverside. $50,000
Construction of new State Printing office at Sacramento. . . . $100,000
Construction of Training School at San Jose Normal to replace the building destroyed by fire . . . $53,000
Additional cottage at Stockton State Hospital . . . $45,000
Additional cottage at Southern California State Hospital. . . . $45,000
Additional cottage at Agnews State Hospital . . . $45,000
Heating plant at Lick Observatory . . . $40,000
Heating plant and repairs at California School for Deaf and Blind $41,000
New laundry and reconstruction at Mendocino State Hospital $48,000

◆

Prior to the passage in 1907 of the act providing funds for land classification, [illegible] as a direct result of the classification work a total of [illegible] acres have been eliminated from the National Forests. This includes [illegible] approximately [illegible] acres of land in the Cinnabar National Forest in Arizona which contained [illegible] of coal other than lignite.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $10,000. Architect, none. Owner, J. Pasqualetti, 785 Market street, S. F. Location, east Gough north Filbert, covering an area of 61 by 48 feet. Will contain nine suites of two and three rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house and stores, 4 story and base. Class C construction, $97,500. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southeast Hyde and Post streets, covering an area of 68½ by 78½ feet. Will contain three stores and 46 suites of two and three rooms. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, $32,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, H. H. Helbush, 75 Sutter streetfi S. F. Location, southeast California and Arguello Boulevard, covering an area of 100 by 85 feet. Will contain ten large residential apartments. Plans complete and work to be done by Day Labor.

SEATTLE, WASH—Apartment house 3 story and base, brick $50.000. Architect, David Dow, 21st avenue and Spruce street, Seattle. Owner, E. G. De Ry. Location, northwest Jackson and 27th street, covering an area of 60 by 120 feet. Will contain 42 suites of three and four rooms. Plans complete and figures being taken.

BANKS.

SAN FRANCISCO—Bank and offices, 12 story and base. Class A construction, $600,000. Architect, George William Kelham, Sharon Bldg., S. F. Owners, American National Bank. Location, southeast Montgomery and California. Contractor, P. J. Walker, Monadnock Bldg. Contract awarded on a percentage basis.

BONDS.

SAN JOSE—SANTA CLARA CO., CAL.—The proposition of calling a bond election for $1,500,000 for financing the construction of 82 miles of concrete roads and 100 miles of permanent grading and bridging is meeting with success. Meetings held in favor of the project are crowded with the interested public. County Supervisor A. L. Hubbard states that an election will probably be called within sixty days.

PARADISE, BUTTE CO., CAL.—February 7th is the date set by the Paradise Irrigation District to vote bonds of $350,000 for financing construction work.

The district proposes to build a storage dam on Little Butte Creek and install a pipe system for the distribution of water. The plans for the system have bees approved by the State Engineer's office.

William H. Lewis, Presidest of the Lewis, Wiley & Morse Construction Company, has just finished inspecting the dam and reservoir site of the Paradise Irrigation District for the purpose of placing a bid on the construction work.

GRASS VALLEY, NEVADA CO., CAL.—Charles E. Clinch is advocating an election to vote bonds if $40,000 for a municipal water system. Clinch is a former Mayor of Grass Valley.

RICHMOND, CONTRA COSTA CO., Cal.—An election will be held some time in February to vote bonds if $2,600,000 for the construction of a water system. The election will be held under the supervision of the Richmond Municipal Water District. Water will be obtained frim Marin County and will be brought undes the bay in a pipe line.

GUERNEVILLE, SONOMA CO., CAL.—The election held to vote bonds of $10,000 for the erection of a new school building failed to carry.

HANFORD, KINGS CO., CAL.—January 25th is the date set by the City Trustees to decide the question of issuing and selling bonds of $44,000 for extension to the fire mains and fire alarm system.

ELKO, NEVADA—The town of Elko plans for a city owned water works to be built this spring. An engineer is now gathering data and making the necessary surveys.

FAIROAKS, SACRAMENTO CO., CAL.—Residents have signed a petition asking the Supervisors to call an election for the formation of a Wright Irrigation District. The petition will be presented to the Board on February 5th.

The proposed district will include 3,600 acres. The cost of the project is estimated at $125,000.

BAKERSFIELD, KERN CO., CAL.—Plans are under consideration for an additional bond issue of a million to a million and a half dollars for the extension of the highways to all the populous centers of the county.

There remain about 60 miles of the highways proposed under the first bond issue to be completed.

The issue has been endorsed by the Chamber of Commerce.

BRIDGES AND DAMS.

FRESNO, FRESNO CO., CAL.—Bridges, timber construction. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. Bids will be opened on February 6th at 2 p. m. for the construction of three (3) wooden pile bridges across certain canals on the proposed road between Firebaugh and Dos Palos.

SAN FRANCISCO — Bridge, reinforced concrete $2,000. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. The San Francisco Board of Public Works will call for bids within the next few weeks for the construction of a bridge on Evans avenue at Selby street.

SANTA ROSA, SONOMA Co., Cal.—Bridge, reinforced concrete and steel. Cost not stated. Engineer, County Surveyor Youker, Santa Rosa. Owners, Santa Rosa County. The County Supervisors have appointed a committee to consult with the Marin Supervisors in the matter of a bridge crossing San Antonio Creek, which is the dividing line between the two counties. County Surveyor Youker was instructed to make surveys, plans and specifications for all bridges over 20 feet in length which are on the route of the highway between this city and Petaluma. These will later be submitted to the highway commission for approval.

SAN RAFAEL, MARIN CO., CAL.—Bridges, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. County Engineer Charles Richardson has been instructed by the County Supervisors to prepare plans and specifications for two concrete bridges which will be built on the State highway between this city and Petaluma. One at Novato and one at Ignacio. Bids will be ordered on approval of plans.

MODESTO, STANISLAUS CO., CAL.—Bridges, etc. Cost as follows. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. At the last meeting of the County Supervisors, plans and specifications as drawn by County Engineer E. H. Annear for four more stretches of roadways to be improved under the $1,482,000 bond issue were adopted, and bids were called for to be opened February 3rd. The same procedure was followed for 12 bridges and 17 siphons. The stretches of road advertised are: Keyes to the Hughson-Turlock road, 3.51 miles; Hughson-Turlock road from Ceres cemetery to one mile east of Hughson, 6.25 miles; Beckwith and Carmichael roads, total 8.1 miles. The board will also open bids for grading the Crows Landing road at the San Joaquin River bridge on the same date.

Contract Awarded.

EUREKA, HUMBOLDT CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, Engineering Dept. Northwestern Pacific R. R. Co., S. F. Owners, Northwestern Pacific R. R. Co. Mercer-Fraser Co., of Eureka, have been awarded a contract by the Northwestern Pacific Railroad to construct a draw bridge across Eureka Slough. The new bridge is to be 198 feet in length with reinforced concrete piers at each end and a 25-foot center pier on which the bridge will swing. The bridge work will be entirely of steel.

RICHMOND, CONTRA COSTA CO., CAL.—Sea wall, rock, $22,000. Engineers, Haviland & Tibbetts, Alaska-Commercial Bldg., S. F. Owners, City of Richmond. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, $22,000.

SAN FRANCISCO—Pier construction, timber and concrete, $218,000. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Contractor, J. D. Hannah, Chronicle Bldg., S. F. Contract price, $218,000.

FRESNO, FRESNO CO., CAL. — Bridge, reinforced concrete, $2,960. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractors, Mitchell & Jones, Fresno. Contract price, $2,960.

CHURCHES.

Contract Awarded.

LOS ANGELES, CAL.—Mausoleum, 1 story and base, reinforced concrete, $60,000. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, California Mausoleum Co., Location, Hollywood Cemetery. Contractor, William C. Crowell, Chamber of Commerce Bldg., Pasadena. Contract price, $60,000.

COURT HOUSES.

PROSSER, WASH.—Court house, 2 story and base, reinforced concrete, $107,678. Architect, Warren Gould, American Bank Bldg., Seattle. Owners, Benton County. Contractors, Ferro Concrete Co., Empire Bldg., Seattle. Contract price, $107,678.

FACTORIES AND WAREHOUSES.

EMERYVILLE, ALAMEDA CO., CAL.—Factory group, 1 to 3 story steel, brick and concrete, $400,000. Engineer, L. A. Rosener, Insurance Exchange Bldg., S. F. Owners, Paraffine Paint Co., S. F. Location, Southern Pacific tracks. The group will include five buildings, the smallest covering an area of 80 by 400 feet. Plans are complete and a contract for the filling and bulkheading has been awarded to the Standard American Dredging Co. Contracts for the balance of the work will be let shortly.

FRUITVALE, ALAMEDA CO., CAL.—Cannery, 1 story, steel and concrete. Cost not stated. Engineer, V. N. Dalton, Foxcroft Bldg., S. F. Owners, H. G. Prince & Co. Location, east 11th and Park streets, covering an area of 100 by 114 feet. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Flour mill, 8 story steel and reinforced concrete, $150,000. Engineer, R. N. Henningsen, Security Bank Bldg., Oakland. Owners, Albers Bros. Co. Location, Key Route Fill, covering an area of 62 by 190 feet. Plans will be completed and figures called for within the next thirty days.

OAKLAND, CAL.—Warehouse and dock, 1 story, mill construction, $35,000. Engineer, R. N. Henningsen, Security Bank Bldg., Oakland. Owners, City of Oakland. Location, foot of Clay street, covering an area of 85 by 300 feet. Plans are nearly complete and figures will be called for within ten days.

HILLSBORO, ORE.—Power plant and stack, concrete and hollow tile. Cost as follows. Engineer, Boen, Hillsboro. Owners, The Carnation Milk Products Company. This company announce that they will erect a $75,000 power plant and will also build a large stack in connection with their establishment here. The power plant will be 36 by 140 feet in dimensions and will be of hollow tile and reinforced concrete construction. Three large boilers will be installed for which orders have already been placed, according to the information received. In connection with the power plant a large stack 100 feet high will be built. It will be of tile and brick construction. Construction is to be carried on under the direct supervision of Superintendent Boen, who is now completing the second unit of the plant, the cost of which is $75,000.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Warehouse, 4 story and base, reinforced concrete. Cost not stated. Architects, Krempel & Erkes, Henne Bldg., L. A. Owners, Channel Commercial Co., 916 East First street, L. A. The exact size and other details have not been determined. Further mention will be made of the work.

SEATTLE, WASH. — Warehouse, 1 story, mill construction, $150,000. Architect, none. Owners, Western Realty Co. Location, block bounded by Post, Western, Madison and Marion streets, covering an area of 100 by 240 feet. Construction will be under the direction of Hurley-Mason Co., Hoge Bldg., Seattle.

Contract Awarded.

SAN FRANCISCO — Factory, 1, 4 story and 1, 1 story and base, reinforced concrete. Cost not stated. Engineer, Maurice Couchot, 110 Sutter street, S. F. Owners, American Ever Ready Co. Contractor, J. D. Hannah, Chronicle Bldg., S. F. Contract price not stated.

PETALUMA, SONOMA CO., CAL.—Oil station, garage, etc., 4, 1 story, reinforced concrete and steel. Cost not stated. Engineering Dept. Standard Oil Co., S. F. Owners, Standard Oil Co. Contractor, Arthur Biggers, Fort Bragg. Contract price not stated.

WOODLAND, YOLO CO., CAL. — Creamery and cheese factory, 1 story, reinforced concrete. Cost not stated. Engineer, Edward L. Soule, Rialto Bldg., S. F. Owner's name withheld. Contractors, L. G. Bergren & Son, Call-Post Bldg., S. F. Contract price not stated.

FIRE HOUSES AND JAILS.

SAN RAFAEL, MARIN CO., CAL.—Fire house, 2 story, reinforced concrete, $12,000. Architects, Masten & Loubet, First National Bank Bldg., S. F. Owners, City of San Rafael. Revised plans have been completed and new figures are now being taken. Bids will be opened on February 5th. Plans can be secured from the architects.

TRACY, SAN JOAQUIN CO., CAL.—Fire house, 2 story, brick. Cost not stated. Architects, Sala & Mayo, Stockton. Owners, City of Tracy. All bids received for the construction of the proposed municipal building for this city have been rejected by the City Trustees, and after a few modifications in the specifications new bids will be called.

STOCKTON, SAN JOAQUIN CO., CAL.—Detention home, 2 story and base, brick. Cost not stated. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, San Joaquin County. Location [illegible]. Plans complete [illegible] be called for [illegible].

FALLON, NEV. [illegible] reinforced concrete, etc., $[illegible]. Architect, P. J. De [illegible], Hearst Building, San Francisco. An appropriation is now before the State Legislature for the construction of a new State Prison and addition of cell blocks. Further mention will be made of the work.

Contract Awarded.

VISALIA, TULARE CO., CAL. Jail, 2 story and base, reinforced concrete, $34,900. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Tulare County. Contractors, Trewhitt & Shields, Rowell Bldg., Fresno. Contract price, $34,900.

FLATS.

SAN FRANCISCO. Flats, 2, 2 story and base, frame, $5,000 each. Architect, none. Owner, Otto E. Anderson, 248 18th avenue, S. F. Location, east 22nd avenue north Clement. Each building will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. Flats, 2 story and base, frame, $8,000. Architects, J. C. and Merrill Newsom, 1748 Broadway, Oakland. Owner, John F. Whalen. Location, 41st and Telegraph. Will contain four flats. Plans complete and subfigures being taken.

GARAGES.

YREKA, SISKIYOU CO., CAL.—Garage, 1 story, reinforced concrete, $10,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Yreka Auto Garage Association. Will contain storage space for twenty machines. Plans are being prepared.

Contract Awarded.

SAN FRANCISCO—Garage, 3 story and base. Class A construction. Cost not stated. Architect, E. P. Antonovich, 20 Montgomery street, S. F. Owners, Olympic Garage Co. Contractor, J. D. Hannah, Chronicle Bldg., S. F. Contract price not stated.

GOVERNMENT WORK & SUPPLIES.

Billings, Mont., Painting, Plastering.

The supervising architect, Treasury Dapartment, Washington, D. C., received the following bid, December 29, for painting and plastering in the U. S. post office at Billings, Mont.:

Grohne Contracting Co., Joliet, Ill., $1,542.

Mare Island, Crane.

The bid of Wellman-Seaver-Morgan Co., of Cleveland, O., $481,500 in amount, has been accepted for furnishing a 250 ton floating revolving crane at the navy yard, Mare Island, Cal.

Mare Island, Fitting Out Cranes.

The Edward F. Terry Manufacturing Co., Grand Central Terminal, N. Y., is the successful bidder under opening of December 18, for furnishing 2 fitting out cranes at the Mare Island navy yard. The contract was awarded under item 1 at $41,[illegible].

Bozeman, Mont., Furniture.

The following bids were received by

the custodian, U. S. post office, Bozeman, Mont., for installing furniture:

Federal Equipment Co., Carlisle, Pa., $277.50, time, 90 days.

Maly & Son, Cincinnati, O., $330; time, 75 days.

Nachtegall Mfg. Co., Grand Rapids, Mich., $210, 60 days.

Nelson Co., Brooklyn, N. Y., $255, 60 days.

Jacob Beitzel & Son, York, Pa., $300, time, 80 days.

Budde & Weis, Jackson, Tenn., $210 time, 90 days.

Prospective Bidders.

Richfield, Utah, Construction, January 22.

George A. Shaul, Seneca, Kan.

George A. Whitmayer & Sons, Ogden, Utah.

J. F. & H. E. Schraven, Salt Lake City, Utah.

J. M. Dougan Co., San Francisco, Cal.

Campbell Building Co., Salt Lake City, Utah.

W. D. Lovell, Minneapolis, Minn.

Grame, McDonald & Co., San Francisci, Cal.

George Hinchliff Co., 1408 Security Building, Chicago, Ill.

Proposals will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 10 o'clock a. m. January 30, 1917, for delivering sheet brass, bibb cocks, copper, steam and water fittings, generator, groceries, ets., hardware, etc., belt lacing, brass pipe, wiping rags, venetian red, refrigerators, sponges, and valves at the navy yard, Mare Island, Cal. Apply for proposals to the supply officer, Navy Yard, Mare Island, Cal., or to the Bureau of Supplies and Accounts. Samuel McGowan, Paymaster General of the Navy.

Proposals for Manganese Steel, bushings, range boilers, stovepipe,, poultry nettings, nails, pipe fittings, bronze bars, soldering coppers, nuts, lead wire, shower heads, cocks, valves, shovels, mattocks, hoes, planes, vises, jacks, pliers, saw frames, grommets, hammers, joining shackles, shears, saws, squares, tongs, wrenches, files, rope, sockets, drill sockets, punches, reamers, taps, drills, stocks and dies, asbestos cement, roofing asphalt, fire hose, canvas, oarlocks, oars, marine lights, water coolers, kitchen utensils, gold leaf, paints, litharge, white lead, varnish, linseed oil, lard oil, wood filler, glue, putty, graphite, lampblack, ammonia, sodium bicarbonate, calcium carbide, carbon bisulphide, turpentine substitute, file boxes, level books and millwork.—Sealed proposals will be received at the office of the General Purchasing Officer, the Panama Canal, Washington, D. C., until 10:30 a. m. January 26, 1917, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 1112) may be obtained from assistant purchasing agent at Fort Mason, San Francisco, Cal.

HALLS AND SOCIETY BUILDINGS.

VALLEJO, SOLANO CO., CAL. — Lodge hall, 3 story and base, brick and steel, $75,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Hall Association. Location, northwest Marin and Vallejo streets. Devoted entirely to lodge purposes. Excavating and foundation work to be done by Day Labor. Segregated figures to be called for shortly on the balance of the work.

HOSPITALS.

SAN FRANCISCO—Hospital sterilizers, $8,185. Architect, none. Owners, City and County of San Francisco. Scott Co. presented the lowest bid for this work and will be awarded the contract. A complete list of the bids will be found under the head of Bids Opened in this issue.

SACRAMENTO, CAL. — Hospital, 3 and 4 story and base. Class A construction, $250,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sisters Hospital. Only preliminary sketches have been prepared and further mention will be made of the work.

LOS ANGELES, CAL. — Hospital group, 1, 2 and 3 story, reinforced concrete. Cost as follows. Engineer, John Schulz, L. A. Owners, Los Angeles County. William C. Crowell, Chamber of Commerce Bldg., Pasadena, submitted the lowest bids on the general construction at $169,960 on proposition No. 7, omitting the maternity building, at $155,699, for the erection of new buildings at the county hospital. The Llewellyn Iron Works, L. A., submitted the lowest bids on the structural steel at $41,757.50 and $38,975, respectively; the Baker Iron Works, L. A., the lowest bids on the operating machinery for the movable roof shutters and the installation of the machinery and omitting the maternity building, at $39,825 and $37,425, respectively; and the Hunt Engineering Co., L. A., the lowest bids on the vacuum cleaning at $14,961, $14,435 and $10,000, respectively.

HOTELS.

OAKLAND, CAL.—Hotel and stores, 4 or 5 story and base. Class A construction, $140,000. Architect, A. W. Smith, 1010 Broadway Oakland. Owner's name withheld. Location, Downtown District. Further details will be given later.

SACRAMENTO, CAL.—Hotel alterations, 4 story and base, brick, $45,000. Architect, F. A. S. Foale, Ochsner Bldg., Sacramento. Owner, Wood-Curtis Co. Location, Front and J streets. Work will consist of exterior and interior alterations, metal lath and plaster partitions, electric work, interior trim steam heating equipment and plumbing. Plans are complete and figures will be called for shortly.

COLUSA, COLUSA CO., CAL.—Hotel, 3 story and base, frame, $17,000. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owner's name withheld. Work is in the nature of an addition to a building already up. Plans are being prepared.

LOS ANGELES, CAL.—Hotel and stores, 12 story and base. Class A construction, $1,000,000. Architect, John Parkinson, Title Insurance Bldg., L. A. Owners, Hart Bros., proprietors Rosslyn Hotel. Location Main street. The building will adjoin the present hotel and will contain in the neighborhood of 800 rooms. Construction cannot be started before the present leases expire, which is approximately twenty months.

IRRIGATION PROJECTS.

NORTH YAKIMA, WASH.—Irrigation dam, $2,000,000. Engineer, C. E. Crownover, manager of storage construction for the Yakima irrigation, has moved his office from Lake Keechelus to this city (North Yakima) to organize his force for the construction of the $2,000,000 U. S. irrigation dam at McAllister Meadows, 40 miles from Maches City. This year will be devoted to construction of necessary construction buildings and driving of a 1600 -foot outlet tunnel.

RESIDENCES.

SAN FRANCISCO Residneces, 2, 1½ story and base, frame, $5,000 each. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name not given. Location, southwest Green and Pierce streets. Each house will contain seven rooms, bath and basement garage. Plans being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, $7,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Charles Dixon. Location, Forest Hill. Will contain eight rooms, two baths and basement garage. Plans complete and figures to be called for shortly.

SAN FRANCISCO — Residence, 1½ story and base, frame, $6,000. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name not given. Location, Jackson street between Presidio and Lyon street. Will contain eight rooms, two baths and separate garage. Plans being prepared.

SAN FRANCISCO — Residence, 1½ story and base, frame, $2,500. Architect, none. Owner, William Miller, 49 Park street, S. F. Location, northwest Precita northeast Florida. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $6,500. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owner, Mr. Neal. Location, Claremont Court. Will contain eight rooms, bath and separate garage. Plans complete and figures to be called for shortly.

SAN FRANCISCO—Residences, 5, 2 story and base, frame, $3,000 each. Architect, none. Owners, Jacques Construction Co., 127 Montgomery street, S. F. Location, east 24th avenue north Cabrillo. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $6,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, A. Schleef. Location, St. Francis Wood. Will contain eight rooms, two baths and separate garage. Plans being prepared.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, $9,000 each. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Theo E. Rulfs, 114 Russ Bldg., S. F. Location, St. Francis Wood. These three houses are the first unit of some fifty dwellings which will

be erected by the same owner in St. Francisc Wood during the present year. Each house will contain eight rooms, two or three baths and separate garage. Plans are complete and work will be done by Day Labor and subcontract.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect, none. Owner, A. T. Morris, 501 11th avenue, S. F. Location, west 10th avenue south Balboa. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $6,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, R. S. Runge. Location, St. Francis Wood. Will contain eight rooms, two baths and separate garage. Plans being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, $30,000. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name not given. Location, Crocker Highlands. Will contain ten rooms, three baths, and two separate garages. Plans are being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, S. Carleton, 2023 69th avenue, Oakland. Location, south Arthur east 69th avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Walter Jarvis, 242 Oakland avenue, Oakland. Location, east Ardley south Hampel. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,750. Architect, none. Owner, C. Anderson, 2010½ Ellis street, Berkeley. Location, south Madeline east Laurel. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $4,300. Architect, none. Owner, Mary E. Zappetini, 2375 Fruitvale avenue, Oakland. Location, south Foothill Boulevard near Congress. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, Andrew Anderson, 1096 48th street, Oakland. Location, north Arkansas east Peralta. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, $5,000. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owner, E. C. Wescott. Location, North Sacramento. Will contain eight rooms, bath and sleeping porch. Plans being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, none. Owners, Alta Vista Homes Co., Fresno. Location, Alta Vista Tract. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, C. S. Nichols, 2768 Baker street, Berkeley. Location southwest Ashby and Mable Will contain four rooms and bath Plans complete and work to be done by Day Labor.

OAKLAND, CAL. Residence, 1 story and base, frame, $1,600. Architect, none. Owner, P. S. Walsh, 495 Rich street, Oakland. Location, east Shafter avenue north 42nd street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,000. Architect, none. Owner, George Feiler, 121 Schrock avenue, Richmond. Location, Schrock avenue east Hensley. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $1,500. Architec, none. Owner, O. D. Atkins, 3219 Kerchoff street Fresno. Location, Bartlett Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame, $1,500 each. Architect, none. Owner, Charles A. Werner, 2416 10th street, Oakland. Location, south Channing Way east Brownng. Each dwelling will contain five rooms bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $30,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Frank Proctor. Will contain twelve rooms, three baths and separate garage. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, $16,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Ralph Fageol. Location, Rockridge Park. Will contain ten rooms, three baths and separate garage. Plans being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, $15,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Dr. Ergo A. Majors. Location, Rockridge Park. Will contain twelve rooms, three baths and separate garage. Plans being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect none. Owner, I. A. Kellogg, 4246 Redding street, Oakland Location, west Ordway north Hopkins. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,500. Architect, none. Owner, Fred Hambleton, 575 43rd street, Oakland. Location, west Randolph south Hampel. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, $3,000 each. Architect none. Owners, Anderson & Johnson, 256 Church street, S. F. Location, west 15th avenue south Balboa. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SCHOOLS.

RIO VISTA, SOLANO CO., CAL.—School, 1 story and base, brick or concrete, $[illegible]. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Rio Vista Grammar School District. Will contain eight class rooms and an assembly hall. Plans being prepared.

SEATTLE, WASH.—School addition, 1 story and base, brick, $75,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, Dayton avenue and North 65th street. Will contain eight class rooms and an assembly hall. Plans complete and figures being taken. Bids close January 24th.

PALO ALTO, SANTA CLARA CO., CAL.—School, 1 and 2 story, reinforced concrete, brick or hollow tile, $200,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, City of Palo Alto. Construction depends on the bond issue carrying. Bonds to be voted January 27th.

MODESTO, STANISLAUS CO., CAL.—School, 2 story and base, brick and concrete, $150,080. Architects, De Remer & Hewitt, Title Insurance Bldg., L. A. Owners, Modesto School District. Location, southwest First and H streets. This work was first mentioned under the name of Stone & Wright as architects. Bids will be called for within sixty days. Further mention will be made of the work.

SEATTLE, WASH.—School, 3 story and base, reinforced concrete, $75,000. Architect, Edgar Blair, Seattle. Owners, City of Seattle. Location, 24th avenue and West Genesee street, covering an area of 113 by 116 feet. Plans complete and figures being taken. Bids to be opened on January 24th.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete. Cost not stated. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, east Portland. Will contain 25 class rooms and departments for manual training and domestic science. Plans being prepared.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO—Street improvements, $28,500. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. D. L. Bienfield, Phelan Bldg., submitted the lowest bid at about $28,500 for the construction of sewers and appurtenances in Orizaba street, from Palmetto street to Stanley street, and in Sanley street, from Orizaba srreet to Junipero Serra Boulevard, and in the Merced lands of the Spring Valley Water Company.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor E. H. Annear, Modesto. Owners, Stanislaus County. Plans and specifications have been prepared by County Engineer E. H. Annear for three more stretches of road to be improved, and advertisement for bids for this work will be authorized by the Board of Supervisors within the next few days. These portions are [illegible] from the Ceres Cemetery to one mile east of Hughson [illegible] road from one mile east of road from Hughson to

Turlock, and 4 miles of road from Keyes to intersection with the Hughson-Turlock road.

MARYSVILLE, YUBA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer Meek, Marysville. A resolution empowering Engineer Meek to proceed to prepare plans and specifications for the improvement of streets in District No. 4 was adopted at the meeting of the City Council a few days ago. The resolution calls for the grading of the streets named to bring them up to official grade, asphalt concrete paving with 4-inch hydraulic concrete base with a 1½-inch wearing surface and concrete curbs and gutters. The streets affected are: B, fourth to Seventh; Fourth, B to C; Seventh, B to C; C, Seventh to Eighth.

PORTLAND, ORE.—Sewer construction. Cost as follows. Engineer, City Engineer, Portland. Owners, City of Portland. Giebisch & Joplin of Portland again submitted the lowest bid for the reconstruction and repair of the Tanner Creek sewer at $308,771.95 as compared to their first bid of $309,-312, and which was rejected. It is probable that they will be awarded the contract.

MARSHFIELD, ORE. — Machinery, etc. Cost not stated. Engineer, none. M. W. Payne, 156 Commercial avenue, Marshfield, Ore., is in the market for a considerable amount of road building machinery, which includes the following: One steam shovel, revolving type with 1 yard dipper; 2 auto trucks, with bodies, 4 wheel drive, 2 or 3 ton capacity; 6 trailers, 1 yard or more; 1 donkey engineer for pile driver, with friction drum 7 inches to 10 inches; 1 direct pile driving hammer, with hose, etc.; 1 compressed air drill, with pump and tank; 1 set of compressed air hammers with hose, etc. The contractor will either rent or purchase.

BAKERSFIELD, KERN CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Bids for the construction of two separate dinvisions of county roads opened by the County Board of Supervisors were referred to the Kern County Highway Commissioners for report. For the work of constructing Division 9, section 5, of the Bakersfield-Glennville road, five bids were received. They were as follows: Roger Bros. Co., Los Angeles, $55,580.06; Mesmer & Rice, Los Angeles, $48,944.00; J. H. McMillen Construction Co., Wasco, Cal., $51,925.-05; Richard Rothwell, Los Angeles, $54,916.65; Robert Sherer, 650 Pacific Bldg., Los Angeles $45,427.09. The bids on division 1, Delano-county line road, were as follows: Rogers Bros. Co., L. A., $27,430.50; George S. Benson & Son, L. A., $34,033.60; L. J. Atkinson, Jr., L. A., $28,181.30; W. A. Kettlewell & Son, Kingsburg, Cal., $27,357.75; Mesmer & Rice, L. A., $38,072.20; Thompson Bros., 1514 H street, Fresno, Cal., $23,829.40. Contracts will be awarded within the next few days.

HANFORD, KINGS CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Hanford. Owners, Kings County. Bids were opened at the last meeting of the County Supervisors for the construction of the unit of improved highway from the north terminus of Douty street in this city to the Alcorn bridge, five miles norh; three miles into the Excelsior District, and the portion across the Aydelott & Phillips ranches northwest of this city, connecting the Hardwick unit with the bridge across Kings River. Two bids were submitted on four items as follows: Item 1, excavating, grading and shaping road bed; item 2, laying asphaltic base 2½ inches thick; item 3, laying Topeka wearing surface 1½ inches thick; item 4, constructing barrier fence. Following are the bids submitted: Thompson Bros., 1514 H street, Fresno, 90 cents per cubic yard; item 2, 2½ cents per square foot; item 3, 2½ cents per square foot; item 4, $1 per lineal foot. Blanchard & Brown, 660 Market street, S. F., item 1, 85 cents per cubic yard; item 2, 2.85 cents per square foot; item 3, 1.75 cents per square foot; item 4, 36 cents per lineal foot. Action on awarding a contract was laid over until January 17th at 2 p. m.

MERCED, MERCED CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Merced. Owners, City of Merced. The proposition of extending street paving in the city, which was postponed by the City Trustees from last June, owing to weather conditions was revived at the last meeting and City Engineer C. D. Martin was instructed to prepare plans and specifications for the work to submit at the next meeting. The area proposed to be included in this program of improvements comprises both streets and alleys, as follows: Streets —K from 19th to 24th; O from 16th to 22nd; from M to O; J from 20th to 32nd. Alleys—16th, 17th, 18th, 19th and 20th streets from J to O; 21st St. from I to O; 22nd street from K to N.

BAKERSFIELD, KERN CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. At the last meeting of the County Supervisors, bids for section 5 of division 9 of the Bakersfield-Glennville road were rejected on advice of the county highway board as being too high. New bids will probably be called.

MARICOPA, KERN CO., CAL.—Street improvements. Cost not stated. Engineer not selected. Owners, City of Maricopa. To pave the streets of the city of Maricopa throughout the business section was the reason for an order issued by the Maricopa City Trustees in which City Clerk E. E. Ballagh was instructed to get in touch with engineers who might furnish an estimate of the cost of the work, which was outlined, and which will be paid for out of the accumulated money in the city treasury. The matter of paving the business streets from the county highway on California to Main street; on Main street to the Maricopa Building; from Main street to Kern to the junction of California street, and the county highway toward Taft; on Bush street, from California to the Oil Well Supply Building, was discussed and it was deemed advisable that this work be carried out.

Contract Awarded.

BAKERSFIELD, KERN CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Bakersfield. Owners, Kern County. The contract for building the Delano-County Line road which links with the Porterville road below Richgrove, has been awarded to Thompson Bros., 1514 H street, Fresno, for $23,829.40.

OAKLAND, CAL.—Sewer construction, etc. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Council has awarded a contract to William Lewis for the following work: That a vitrified pipe sewer, having an internal diameter of 8 inches, be constructed in Fallon street, in the vicinity of 7th street. Also that 2 vitrified pipe manhales, with tops of brick and cast iron, be constructed on said sewer and Y branches, having 5-inch openings, be constructed on said sewer; one such lamphole at the eastern end thereof and one at the eastern line of Fallon street.

PLACERVILLE EL DORADO CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor Wildman, Placerville. Owners, El Dorado County. Scott & Turner of Sacramento have been awarded the contract by the Supervisors to build the three-mile road which will eliminate the dangerous Kelsey grade between Placerville and the north side of the county. Their bid of $18,685.48 was the lowest of the eight received. The bid accepted was nearly $1,500 under Engineer Wildman's estimate of $20,-000.

OROVILLE, BUTTE CO., CAL.—Road construction. Cost as follows. Engineer, County Surveyor, Oroville. Owners, Butte County. The County Supervisors have awarded a contract to the Chico Contracting Co., 408 Broadway, Chico for the improvement of the Wyandotte-Oroville road, they being the lowest bidder at $6,400.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contracts for construction of three portions of the 126 miles of county highway to be paved under the $1,482,-000 bond issue, the first stretches to be improved, have been let by the County Board of Supervisors, the successful bidders and their figures being: Western Construction Co., Oakland, 4.42 miles, Waterford to Empire, $43,500; Central California Paving Co., Modesto, 5.4 miles Paradise road, $56,000; Gaskell & Foley, Stockton, 4 miles Maze road west from Modesto, $44,000.

HANFORD, KINGS CO., CAL.—Street paving. Cost as follows. Engineer, City Engineer, Hanford. Owners, City of Hanford. The Federal Construction Co., 323 Sharon Bldg., S. F., was the successful bidder for the paving of approximately 62 blocks of Hanford on their bid of $186,944.50. T. E. Clark submitted a bid of $186,440.50, but was not awarded the contract on account of a discrepancy in his bond.

SAN RAFAEL, MARIN CO., CAL.—Highway improvement. Cost as follows. Engineer, County Surveyor, San Rafael. Owners, Marin County. Only one bid was received Tuesday by the Board of Supervisors for the improvement of a portion of the county road knwn as the Fairfax and Bolinas road, foom the bridge at "Alpine" to the southwest boundary line of Road District No. 9, a distance of three miles. The bid was submitted by S. P. Brownlee, County Road, Kentfield, at $1,565, and he was awarded the contract.

BERKELEY, ALAMEDA CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. The City

Council has awarded a contract to the Union Investment Co., for the following work: That the north half of Snyder avenue, from a line parallel to the west line of 7th street and distant 101 feet west therefrom, westerly 139 feet, be graded; that a concrete curb with a combined 3-foot gutter be constructed along the curb line adjacent to the roadway thereof; that the remainder of the roadway be macadamized and surfaced with oil and rock screenings.

MILL VALLEY, MARIN CO., CAL.—street improvement, $86,224.19. Engineer, Town Engineer, Mill Valley. Owners, Town of Mill Valley. Contractors, Ransome-Crummey Co., First Savings Bank Bldg., Oakland. Contract price, $86,224.19.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base. Class A construction, $40,000. Architect, J. R. Miller, Lick Bldg., S. F. Owners, Spreckels Estate. Location, Powell and Sutter streets. Will contain several stores. Plans complete and figures being taken.

SAN FRANCISCO—Stores, 1 story and base. Class C construction, $12,500. Architect, W. L. Schmolle, 75 Sutter street, S. F. Owner, H. H. Helbush, 75 Sutter street, S. F. Location, north Geary west Van Ness avenue, covering an area of 100 by 100 feet. Will contain four stores. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Stores and lofts, 2 story and base. Class C construction, $30,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, H. S. Crane. Location, 21st and Broadway. Will contain several small stores. Plans complete and figures being taken.

MARTINEZ, CONTRA COSTA CO., CAL.—Office, 1 story and base, brick or reinforced concrete, $5,000. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owners, Contra Costa County Abstract and Title Co. Will cover an area of 25 by 70 feet. Plans are being prepared.

SAN FRANCISCO—Stores and offices, 7 story and base. Class B reinforced concrete, $150,000. Architects, O'Brien Bros., 240 Montgomery street. Owner, Mrs. C. L. Wheeler, leased to Northwestern Pacific R. R. Co. Location, northeast Pine and Front, covering an area of 57½ by 87½ feet. Plans will be complete and construction will be started within a month.

SAN FRANCISCO—Stores and lofts, 3 story and base. Class A construction. Cost not stated. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Sharon Estate. Location, Second and Stevenson streets. Details with frame and foundation heavy enough to carry additional stories. Plans being prepared.

BERKELEY, ALAMEDA CO., CAL.—Stores and offices, 2 story and base, reinforced concrete, $10,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, W. H. Heyward. Location, west Shattuck avenue near University. Will contain stores and offices. Plans complete and figures being taken.

LOS ANGELES, CAL.—Stores, offices and theatre, 12 story and base. Class A construction, $600,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Stability Building Co. Location, southwest Third and Broadway. Plans complete and segregated figures being taken.

SEALED PROPOSALS

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTCE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., **until 2 o'clock P. M. on January 29, 1917,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

Imperial County, across New River near Seely (VII-IMP-12-C), a reinforced concrete bridge 330 feet long.

HIGHWAY ENGINEER'S ESTIMATE OF THE PRINCIPAL ITEMS OF WORK

All necessary excavation and backfilling.

2,760 lineal feet reinforced concrete piles.

564 cubic yards Portland cement concrete, Class "A."

109,000 pounds reinforcing steel, including bearing and expansion joint plates (hauling and placing).

652 lineal feet pipe railing (hauling and placing).

The Commission will furnish, as more explicitly set forth in the specifications, the following materials, viz:

Pipe railing, reinforcing steel, bearing and expansion joint plates, and Portland cement.

The foregoing quantities are approximate only, being given for the convenience of prospective bidders, and the Department of Engineering does not, expressly or by implication, agree that the actual amount of work will correspond therewith. All bids shall be for a lump sum covering the structure complete in all details.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS, Secretary
Dated: January 2, 1917. (*)

PROPOSALS FOR SCHOOL FURNITURE.

SEALED PROPOSALS will be received for furnishing and installing tables and other furniture required for the drawing department of the Humboldt Evening High School, in open session of the Board of Education to be held **Tuesday, January 23, 1917, at ten A. M.** Specifications may be seen at the office of the undersigned

M. R. NORRIS,
Secretary Board of Education

PROPOSALS FOR BUILDING MATERIALS.

BUILDING MATERIALS—Office of the Depot Quartermaster, Fort Mason, San Francisco, Cal.—Sealed proposals will be received here until **12 noon January 26, 1917,** for [illegible] building materials for [illegible] barracks, H. T. including [illegible] and redwood lumber, [illegible] hardware, cement, metal lath, reinforcing steel, galvanized iron sheets, iron work for trusses, plumbing, painting and roofing materials, cold storage doors, cork insulation, terra cotta chimney flues and other miscellaneous building matrials for Honolulu H. T. Further information on application.

PROPOSALS FOR BUILDING MATERIALS.

BUILDING MATERIALS—Office of the Depot Quartermaster, New York, N. Y.—Sealed proposals will be received here until **3 o'clock p. m. January 26, 1917,** for furnishing cement, metal lath, reinforcing steel, galvanized iron sheets, iron work for trusses, plumbing, painting and roofing materials, cold storage doors, cork insulation, terra cotta chimney flues and other miscellaneous building matrials for Honolulu H. T. Further information on application.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

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Imperial County, across New River near Seeley (VII-IMP-12-C), a reinforced concrete bridge 330 feet long.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

CHARLES D. BLANEY,
NEWELL D. DARLINGTON,
CHARLES F. STERN,
California Highway Commission.
AUSTIN B. FLETCHER
Highway Engineer.
WILSON R. ELLIS,
Secretary (*)

Dated Jan .., 1917

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal.—SEALED PROPOSALS, in triplicate, for installing electric lighting system for officers' quarters, Presidio of San Francisco, Cal., will be received here **until 11:00 A. M., 17th January 1917.** Further information on application. (*)

PROPOSALS FOR FREIGHT LIFT.

FREIGHT LIFT—Treasury Department, Offiffice of the Supervising Architect, Washington, D. C., December 21, 1916.—Sealed proposals will be opened in this office at **3 p. m. January 25, 1917,** for the installation complete of a hoistway, hydraulic freight lift, etc., in the United States post office and court house at Salt Lake City, Utah, in accordance with the drawing and specification, copies of which may be had at this office, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

STREET IMPROVEMENTS—$28,500. San Francisco. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. D. L. Bienfield, Phelan Bldg., submitted the lowest bid at about $28,500 for the construction of sewers and appurtenances in Orizaba street, from Palmetto street to Stanley street, and in Stanley street, from Orizaba srreet to Junipera Serra Boulevard, and in the Merced lands of the Spring Valley Water Company.

RESIDENCE—1½ story and base, frame, $2,500. San Francisco. Architect, none. Owner, William Miller, 49 Park street, S. F. Location, northwest precita northeast Florida. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1½ story and base, frame, $6,000. San Francisco. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name not given. Location, Jackson street between Presidio and Lyon street. Will contain eight rooms, two baths and separate garage. Plans being prepared.

RESIDENCE — 2 story and base, frame, $7,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Charles Dixon. Location, Forest Hill. Will contain eight rooms, two baths and basement garage. Plans complete and figures to be called for shortly.

RESIDENCES—2, 1½ story and base, frame, $5,000 each. San Francisco. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name not given. Location, southwest Green and Pierce streets. Each house will contain seven rooms, bath and basement garage. Plans being prepared.

RESIDENCES—3, 2 story and base, frame, $9,000 each. San Fraancisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Theo E. Rulfs, 114 Russ Bldg., S. F. Location, St. Francis Wood. These houses are the first unit of some fifty dwellings which will be erected by the same owner in St. Francis Wood during the present year. Each house will contain eight rooms, two or three baths and separate garage. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, $6,500. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, A. Schleef. Location, St. Francis Wood. Will contain eight rooms, two baths and separate garage. Plans being prepared.

RESIDENCE — 2 story and base, frame, $6,500. San Francisco. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owner, Mr. Neal. Location, Claremont Court. Will contain eight rooms, bath and separate garage. Plans complete and figures to be called for shortly.

RESIDENCES—5, 2 story and base, frame, $3,000 each. San Francisco. Architect, none. Owners, Jacques Construction Co., 127 Montgomery street, S. F. Location, east 24th avenue north Cabrillo. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect, none. Owner, A. T. Morris, 501 11th avenue, S. F. Location, west 10th avenue south Balboa. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame $6,500. San Francisco. Architects, Falch & Knoll Hearst Bldg., S. F. Owner, W. S. Runge. Location, St. Francis Wood. Will contain eight rooms, two baths and separate garage. Plans being prepared.

APARTMENT HOUSE—3 story and base, frame, $10,000. San Francisco. Architect, none. Owner, J. Pasqualetti, 785 Market street, S. F. Location, east Gough north Filbert, covering an area of 64 by 48 feet. Will contain nine suites of two and three rooms. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—2 story and base, frame, $32,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, H. E. Helbush, 75 Sutter street, S. F. Location, southeast California and Arguello Boulevard, covering an are of 100 by 85 feet. Will contain ten large residential apartments. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE AND STORES—4 story and base. Class C construction, $97,500. San Francisco. Architects, Rousstau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southeast Hyde and Post streets, covering an area of 68½ by 78½ feet. Will contain three stores and 46 suites of two and three rooms. Plans complete and segregated figures being taken.

STORES—1 story and base. Class A construction, $40,000. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Owners, Spreckels Estate. Location, Powell and Sutter streets. Will contain several stores. Plans complete and figures being taken.

STORES—1 story and base. Class C construction, $12,500. San Francisco. Architect, W. L. Schmolle, 75 Sutter street, S. F. Owner, H. H. Helbush, 75 Sutter street, S. F. Location, north Geary west Van Ness avenue, covering an area of 100 by 100 feet. Will contain four stores. Plans complete and work to be done by Day Labor.

BRIDGE—Reinforced concrete, $2,000. San Francisco. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. The San Francisco Board of Public Works will call for bids within the next few weeks for the construction of a bridge on Evans avenue at Selby street.

PRISON CELLS, ETC.—Reinforced concrete, $250,000. Fallon, Nevada. Architect, F. J. De Longchamps, Reno, Owners, State of Nevada. An appropriation is now before the state legislature for the construction of a new State Prison and additional cell blocks. Further mention will be made of the work.

HOSPITAL STERILIZERS — $8,185. San Francisco. Architect, none. Owners, City and County of San Francisco. Scott Co. presented the lowest bid for this work and will be awarded the contract. A complete list of the bids will be found under the heading of Bids Opened in this issue.

FLATS—2, 2 story and base, frame, $5,000 each. San Francisco. Architect, none. Owner, Otto E. Anderson, 248 18th avenue, S. F. Location, east 22nd avenue north Clement. Each building will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

STORES AND LOFTS—3 story and base. Class A construction. Cost not stated. San Francisco. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Sharon Estate. Location, Second and Stevenson streets. Details with frame and foundation heavy enough to carry additional stories. Plans being prepared.

STORES AND OFFICES—7 story and base. Class B, reinforced concrete, $150,000. San Francisco. Architects, O'Brien Bros., 240 Montgomery street. Owner, Mrs. C. L. Wheeler, leased to Northwestern Pacific R. R. Co. Location, northeast Pine and Front, covering an area of 57½ by 87½ feet. Plans will be complete and construction will be started within a month.

Contracts Awarded.

PIER CONSTRUCTION—Timber and concrete, $248,000. San Francisco. Engineer, Chief Engineer White, Ferry Bldg. S. F. Owners, State of California. Contracfor, J. D. Hannah, Chronicle Bldg., S. F. Contract price, $248,000.

FACTORY—1, 4 story and 1, 1 story and base, reinforced concrete. Cost not stated. San Francisco. Engineer, Maurice Couchot 110 Sutter street, S. F. Owners, American Ever Ready Co. Contractor, J. D. Hannah, Chronicle Bldg., S. F. Contract price not stated.

GARAGE—1 story and base. Class A construction. Cost not stated. San Francisco. Architect, E. P. Antonovich, 20 Montgomery street, S. F. Owners, Olympic Garage Co. Contractor, J. D. Hannah, Chronicle Bldg., S. F. Contract price not stated.

BANK AND OFFICES—12 story and base. Class A construction, $600,000. San Francisco. Architect, George William Kelham, Sharon Bldg., S. F. Owners, American National Bank. Location, southeast Montgomery and California. Contractor, P. J. Walker, Monadnock Bldg. Contract awarded on percentage basis.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
34	Roma	Montani	3000
35	Leigh	Schultz	2000
36	Same	Same	2000
37	Boardman	Fetter	650
38	Dempniak	Dempniak	30000
39	McKay	McKay	1850
40	Scott	Persson	400
41	Otis	Troy	5400
42	Tynan	Scott	2130
43	Scientists	Scott	3660
44	Same	McDiarmid	10000
45	Same	Bosch	7255
46	Same	Beach	2550
47	Comm'l Rlty	Moller	67000
48	Dolan	Dolan	900
49	Golden State Bkg.	Brown	700
50	Miller	Miller	2500
51	Deutscher Verein.	Warden	1950
52	Tynan	Zelinsky	2380
53	Welsh	Wilson	2190
54	Same	Central Elec	1124
55	Helbush	Helbush	12500
56	Same	Same	32000
57	Hogrefe	Hogrefe	7000
58	Same	Same	7000
59	King	King	400
60	Fraser	Fraser	700
61	Pyne	Pyne	500
62	Bay View Bldg.	Owner	400
63	Levey	Arthur	4000
64	McKillop	McKillop	1000
65	Touich	Trebino	1100
66	Archbishop	Owner	4000
67	Market St. Rlty.	Morrison	7200
68	Same	Pacific Ext	2500
69	Same	Scott	14740
70	Same	Decker Elec	34608
71	Same	Kiernan	10400
72	Same	Johnson	18376
73	Same	Clark	22650
74	Same	Forbes	71900
75	Same	Atwood	750
76	Archbishop	Cereghino	3660
77	Jacques	Jacques	3000
78	Same	Same	3000
79	Same	Same	3000
80	Same	Same	3000
81	Same	Same	3000
82	Rapp	Chrisholm	4500
83	Weinstein	Perry	1700
84	Herman	Moller	400
85	Jones	Jones	900
86	Miller	Miller	2400
87	Everett	Miller	2400
88	Weissbein	Nelson	4800
89	Olympic	Hannah	
90	Morris	Morris	2900
91	Pasqualetti	Owner	9500
92	Shorten	Secor	1030
93	Martens	MacDonald	500
94	Nippon	Toba	400
95	Swan	Swan	800
96	Rossier	Nilsson	670
97	Brill	Brill	500
98	Mexican Village.	Brumfield	400
99	Silva	Brumfield	400
100	Flanagan	Reedy	1000
101	Kahn	Malloch	400
102	Anderson	Johnson	3000
103	Same	Same	3000
104	U S Envelope	Palmer	123638

REPAIRS
(34) SE GRANT AVE AND FRANcisco. Repair fire damage to factory
Owner.....Roma Macaroni Factory, Premises.
Architect ...J. A. Porporato, 619 Washington, San Francisco.
Contractor..Montani & Co., 1753 Greenwich, San Francisco.
COST, $3000
NOTE:—Work neary completed.

FRAME RESIDENCE
(35) W THIRTY-FOURTH AVE 250 S Balboa. Two-story and basement frame residence.
Owner.....Leigh & Schultz, 419 21st Ave, San Francisco.
Architect ...None.
Day's work. COST, $2000

FRAME RESIDENCE
(36) W THIRTY-FOURTH AVE 225 S Balboa. Two-story and basement frame residence.
Owner.....Leigh & Schultz, 419 21st Ave, San Francisco.
Architect ...None.
Day's work. COST, $2000

ALTERATIONS
(37) NOS. 151-53 CALIFORNIA. Alter one store for two.
Owner.....Boardman Bros. & Co., Agents, 28 Montgomery, San Francisco.
Architect ...None.
Contractor..F. Fetter, 301 Guerrero, San Francisco.
COST, $650

FRAME APARTMENTS
(38) SW FELL AND OCTAVIA. Three story and basement frame (21) apartments.
Owner.....Michael Dempniak, 1828 Hyde, San Francisco.
Architect ...None.
Day's work. COST, $30,000

FRAME DWELLING
(39) E THIRTY-FIFTH AVE 225 N Anza. One-story and basement frame dwelling.
Owner.....Fred McKay, 410 11th Ave., San Francisco.
Architect ...None.
Day's work. COST, $1850

ALTERATIONS
(40) NOS. 251-53 MINNA. Alter store front.
Owner.....Wm. Scott, 243 Minna, San Francisco.
Architect ...None.
Contractor..Petterson & Persson.
COST, $400

LAUNDRY EQUIPMENT
(41) S MARKET 75 W Eighth. All work for laundry equipment in rear of Hotel Whitcomb.
Owner.....James Otis Trustee, 310 California, San Francisco.
Architect ...Wright & Rushforth, 354 Pine, San Francisco.
Contractor..Troy Laundry Machinery Co., 581 Mission, S. F.
Filed Jan. 6, '17. Dated Jan. 3, '17.
Installed and accepted.....$4050
Usual 35 days..... 1350
TOTAL COST, $5400
Bond, $2700. Surety, U. S. Fidelity & Guaranty Co. Limit, 30 days. Forfeit, $20. Plans and specifications filed.

HEATING SYSTEM
(42) SE LYON & VALLEJO E 50-0½ S 137-6 W 55-0⅝ N 137-7⅛. Steam heating system for two story, attic and basement frame residence (brick veneer).
Owner.....J. J. Tynan, 260 California, San Francisco.
Architect ...Louis M. Upton, 111 Ellis, San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
Filed Jan. 6, '17. Dated Jan. 4, '17.
As work progresses..... 75%
Usual 35 days, final.....$533
TOTAL COST, $2130
Bond, none. Limit, as work progresses Forfeit, none. Plans and specifications filed.

HEATING, ETC.
(43) SE CUMBERLAND & DOLORES S 89 E 105 S 25 E 25 N 114 W 130 M B 77. All work for heating, ventilating and oil burning plant for one story and basement, mezzanine and gallery Class "C" church.
Owner.....Second Church of Christ Scientist in San Francisco.
Architect ...W. H. Crim Jr., 425 Kearny, San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
Filed Jan. 6, '17. Dated Dec. 19, '16.
On 1st of each month..... 75%
50 days after..... 25%
TOTAL COST, $2660
Bond, $1830. Sureties, Wm. P. Scott and H. M. Van Pelt. Limit, April 3, 1917. Forfeit, none. Plans and specifications filed.

(44) FINISHED CARPENTER WORK on above.
Contractor..W. G. McDiarmid, 2?4 Fair Oaks, San Francisco.
Filed Jan. 6, '17. Dated Nov 28, '17.
On 1st and 15th of each month 75%
Usual 35 days, balance and 5% of contract.....
TOTAL COST, Owner to pay cost of labor and material plus 5%, not to exceed $10,000
Bond, $5000. Sureties, Geo. O. Perry and Lawrence Rath. Limit, 200 days. Forfeit, $10. Plans and specifications filed.

(45) LATH, PLASTERING, FIREproofing and exterior cementing on above.
Contractor..Hermann Bosch, 740 Duboce Ave., San Francisco.
Filed Jan. 6, '17. Dated Jan. 6, '17.
Payments monthly of..... 65%
50 days after..... 35%
TOTAL COST, $7255
Bond, $3628. Sureties, Adam Arras and A. D. Colman. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

(46) ELECTRICAL INSTALLATION, on above.
Contractor..Beach Elec. Co., 2228 Mission, San Francisco.
Filed Jan. 6, '17. Dated Jan. 4, '17.
Payments same as above.....
TOTAL COST, $2550
Bond, none. Limit, fast as possible. Forfeit, $10. Plans and specifications filed.

BRICK STORE
(47) NW MISSION AND TWENTYfourth. Two-story and basement brick department store.
Owner.....Commercial Center Realty Co., 736 Call Bldg., S. F.
Architect ...None.
Contractor..R. W. Moller, 736 Call Bldg., San Francisco.
COST $67,000

FRAME SHOP
(48) W MISSION 240 S Twelfth. Two story frame shop.
Owner.....Dan P. Dolan Wrecking Co., 1639 Mission, S. F.
Architect ...None.
Day's work. COST, $900

ADDITION
(49) N TEHAMA 200 W Eighth. Add roof and erect trusses.
Owner.....Golden State Bakery Co., 1224 5th Ave, San Francisco.
Architect ...None.
Contractor..A. C. Nelson
COST $?

FRAME CORRAL
(50) E DAVIDSON 0 S Seventh Ave. Frame corral.
Owner.....Miller & Lux Inc., 1170 Mercantile National Bank Bldg., San Francisco.

Architect . K. Cameron, 1513 Merchants National Bank Bldg., San Francisco
Day's work. COST, $2500

ALTERATIONS
(51) NW TURK AND POLK All work for alterations to club rooms on 2nd floor SE portion of German House.
Owner.....Deutscher Verein.
Architect ...Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor..Fred Warden, 354 Sussex, San Francisco.
Filed Jan. 8, '17. Dated Dec 14, '16.
As work progresses..... ... 75%
TOTAL COST, $1950
Bond, none. Limit, 35 days after Jan. 2, 1917. Forfeit, none. Plans and specifications filed.

PAINTING, ETC.
(52) SE LYON AND VALLEJO E 50-0⅛ S 137-6 W 55-05⅛ N 137-7⅛. All work for painting and decorating for two-story attic and basement frame dwelling.
Owner.....J. J. Tynan, 260 California, San Francisco.
Architect ...Louis M. Upton, 111 Ellis San Francisco.
Contractor..D. Zelinsky & Sons.
Filed Jan. 8, '17. Dated Jan. 3, '17.
When interior wood work has had 3 coats.....$892
Completed and accepted..... 892
Usual 35 days..... 596
TOTAL COST, $2380
Bond, $1190. Surety, The Fidelity & Casualty Co. Limit, 18 days after standing inside finish on. Forfeit, none. Plans and specifications filed.

PLUMBING
(53) NW BUCHANAN AND BROADway W 45xN 137-6. All work for plumbing, sewering, gas fitting, etc.
Owner.....James E. Walsh.
Architect ...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor..Wm. F. Wilson Co., 328 Mason, San Francisco.
Filed Jan. 8, '17. Dated Jan. 5, '17.
On 1st of each month.. ..... 75%
Usual 35 days..... 25%
TOTAL COST, $2190
Bond, $1095. Sureties, Frederick A. and Albert J. Wilson. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(54) ELECTRICAL WORK, ETC., on above.
Contractor..Central Elec. Co., 175 Jessie, San Francisco.
Filed Jan. 8, '17. Dated Jan. 5, '17.
Payments same as above.....
TOTAL COST, $1124
Bond, $562. Sureties, New Amsterdam Casualty Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

CLASS "C" STORES
(55) N GEARY 137-6 W Van Ness Ave. One-story Class "C" stores.
Owner.....H. H. Helbush, 75 Sutter, San Francisco.
Architect ...W. L. Schmolle, 75 Sutter, San Francisco.
Day's work. COST, $12,500

FRAME APARTMENTS
(56) SE CALIFORNIA & ARGUELLO Blvd. Two-story and basement frame (10) apartments.
Owner H. H. Helbush, 75 Sutter, San Francisco.
Architect ...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $32,000

FRAME FLATS
(57) S VALLEJO 118-9 E Pierce. Two-story and basement frame flats
Owner.....Herman Hogrefe, 110 Upper Terrace, S. F.
Architect ...Edw. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $7000

FRAME FLATS
(58) S VALLEJO 93-9 E Pierce. Two-story and basement frame flats
Owner.....Herman Hogrefe, 110 Upper Terrace, S. F.
Architect ...Edw. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $7000

ALTERATIONS
(59) NO. 52 VESTA. Raise, move and add to dwelling.
Owner.....C. H. King, Premises.
Architect ...None.
Day's work. COST, $400

FRAME STORE
(60) E SIXTH AVE 51 N Balboa. One-story frame store.
Owner.....James K. Fraser, 1945 Turk, San Fraicisco.
Architect ...None.
Contractor..Wm. S. Fraser, 1945 Turk, San Francisco.
COST, $700

FRAME DWELLING
(61) NO. 85 ARLETA. One-story and basement frame dwelling.
Owner.....Mildred Pyne, 130 Perry, San Francisco.
Architect ...None.
Contractor..A. J. Pyne, 130 Perry, S. F.
COST, $500

FRAME SHOP
(62) W RAILROAD AVE 25 S Paul. One-story frame shop.
Owner.....Bay View Bldg. Co., 2704 Railroad Ave., S. F.
Architect ...None.
Day's work. COST, $400

REPAIRS
(63) SW BUCHANAN AND POST. Repair fire damage.
Owner.....M. Levey.
Architect ...None.
Contractor..Geo. H. Arthur, 1330 8th Ave., San Francisco.
COST, $4000

BRICK WALLS
(64) S PACIFIC 147-6 W Franklin. Erect brick walls instead of frame for market building.
Owner.....McKillop Bros., 540 Cole, San Francisco.
Architect ...None.
Day's work. COST, $1000

ADDITIONS
(65) NO. 110 CONGO. Raise and add to dwelling.
Owner.....P. P. Tonich, Premises.
Architect ...M. Bacigalupi, 47 Russell, San Francisco.
Contractor..L. Trebino, 157 Randall, San Francisco.
COST, $1100

(66) NE FRANKLIN & O'FARRELL Three-story frame addition and concrete vault.
Owner.....Roman Catholic Archbishop, 1100 Franklin, S. F.
Architect ...None.
Day's work. COST, $4000

(67) SE FOURTH AND MARKET S 170xE 100. Sheet metal work for Class "A" theatre.
Owner.....Market Street Realty Co.
Architect ...Alfred H. Jacobs, 110 Sutter, San Francisco.
Contractor..Morrison & Co., 769 McAllister, San Francisco.
Filed Jan. 9, '17. Dated Dec. 29, '16.
Roofs and cornices completed..$3500
Completed and accepted..... 1900
Usual 35 days..... 1800
TOTAL COST, $7200
Bond, $7200. Sureties, London & Lancashire Indemnity Co. of America. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(68) AUTOMATIC SPRINKLER SYStem on above.
Contractor..Pacific Fire Extinguisher Co., 507 Montgomery, S. F.
Filed Jan. 9, '17. Dated Dec. 29, '16.
Completed and accepted.....$1875
Usual 35 days..... 625
TOTAL COST, $2500
Bond, $2500. Surety, London & Lancashire Indemnity Co. of America. Limit, without delay. Forfeit, none. Plans and specifications filed.

(69) VENTILATING AND HEATING system on above.
Contractor..Scott Co., 243 Minna, S. F.
Filed Jan. 9, '17. Dated Dec. 29, '16.
Steam piping roughed in, etc..$2000
Galvanized iron ducts above the basement in 2600
Galvanized iron ducts in basement in 1400
Fans throughout and two air washers in basement in..... 3000
Electric motors in..... 1200
Completed and accepted..... 855
Usual 35 days..... 3685
TOTAL COST, $14,740
Bond, $14,740. Surety, London & Lancashire Indemnity Co. of America. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(70) ELECTRICAL INSTALLATION on above.
Contractor..Decker Elec. Constr. Co., 111 New Montgomery, S. F.
Filed Jan. 9, '17. Dated Dec. 29, '16.
Work in connection with 1st floor slab roughed in.....$3250
Same as to upper and lower mezzanine slabs 2500
All work roughed in..... 2500
Basement panels set and all wires in place.....10000
Completed and accepted..... 7702
Usual 35 days..... 8651
TOTAL COST, $34,603
Bond, $34603. Surety, London & Lancashire Indemnity Co. of America. Limit, without delay. Forfeit, none. Plans and specifications filed.

(71) PLUMBING ON ABOVE.
Contractor..Kiernan & O'Brien, 1754 Mission, San Francisco.
Filed Jan. 9, '17. Dated Dec. 29, '16.
Roughing in completed.....$5200
Completed and accepted..... 2600
Usual 35 days..... 2600
TOTAL COST, $10,400

Bond, $10,100. Surety, London & Lancashire Indemnity Co. of America. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(72) CARPENTRY, MILL, JOINERY, glazing, roofing, etc. (except sliding doors) on above.
Contractor..J. Harold Johnson, 507 15th Ave., San Francisco.
Filed Jan. 9, '17. Dated Dec 29, '16
Window frames set, floor sleepers laid and cornice decks completed $2345
Roof on and ready for plaster work 1700
Glazing done (except doors) finish doors laid and standing trim on 3000
Completed and accepted... .. 5737
Usual 35 days..... 1594
TOTAL COST, $18,376
Bond, $18,376. Surety, London & Lancashire Indemnity Co. of America. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(73) TERRA COTTA WORK ON above.
Contractor..N. Clark & Sons, 116 Natoma, San Francisco.
Filed Jan. 9, '17. Dated Dec. 29, '16.
When courses 20 to 14, except in Market vestibule and base for ticket seller's booth in place..$3000.00
When courses to 33 ,except as above set 4500.00
When courses to 54, except as above set 4500.00
Completed and accepted..... 4987.50
Usual 35 days..... 5662.50
TOTAL COST, $22,650.00
Bond, $22,650. Surety, London & Lancashire Indemnity Co. of America. Limit, as required. Forfeit, $25. Plans and specifications filed.

(74) CONCRETE WORK ON ABOVE.
Contractor..Richard J. H. Forbes, 681 Market, San Francisco.
Filed Jan. 9, '17. Dated Dec. 29, '16.
1st floor slabs and rough side wall slab in $10,650
Walls and rough floor slabs in up to 25-6 foot level in..... 9,300
Same up to 41- ft. level in.... 7,000
Same up to 70-6 ft. level in.. 6,000
Roof on and all concrete walls done 10,500
On setting of all terra cotta, except in Market street vestibule up to course 27..... 3,000
Same up to course 50..... 3,000
Completed and accepted..... 4,475
Usual 35 days..... 17,975
TOTAL COST, $71,900
Bond, $71,900. Surety, London & Lancashire Indemnity Co. of America. Limit, 130 days. Forfeit, $200. Plans and specifications filed.

(75) TWO SWEEPER PLANT ON above.
Contractor..The Atwood Vacuum Machine Co., 710 Jessie, San Francisco.
Filed Jan. 9, '17. Dated Dec. 29, '16.
Usual 35 days. 750
TOTAL COST, $750
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(76) INTERSECTION SANTA ROSA Ave (Croke) with SE line Alemany Ave NE 151-6 SE 4-3 N 150-3 SE 63-6 SW 150 SE 50 SW 150 NW 89-6 All work for alterations and additions to frame church building
Owner ... The Roman Catholic Archbishop of S. F., 1100 Franklin, San Francisco.
Architect ..J. A. Porporato, 649 Washington, S. F.
Contractor..Louis Cereghino & Son, 180 Jessie, San Francisco.
Filed Jan. 9, '17. Dated Jan. 3, '17
Rough frame up .. $ 800
Brown coated 800
Completed and accepted..... 900
Usual 35 days 1360
TOTAL COST, $3660
Bond, $2000. Sureties, G. B. Cordano and R. Cereghino. Limit, 90 days. Forfeit, $2. Plans and specifications filed.

FRAME RESIDENCE
(77) E TWENTY-FOURTH AVE 278-6 N Cabrillo. Two-story and basement frame residence.
Owner.....Jacques Constr. Co., 127 Montgomery, S. F.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(78) E TWENTY-FOURTH AVE 303-6 N Cabrillo. Two-story and basement frame residence.
Owner ...Jacques Constr. Co., 127 Montgomery, S. F.
Architect ..None.
Day's work. COST, $3000

FRAME RESIDENCE
(79) E TWENTY-FOURTH AVE 328-6 N Cabrillo. Two-story and basement frame residence.
Owner.....Jacques Constr. Co., 127 Montgomery, S. F.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(80) E TWENTY-FOURTH AVE 353-6 N Cabrillo. Two-story and basement frame residence.
Owner.....Jacques Constr. Co., 127 Montgomery, S. F.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(81) E TWENTY-FOURTH AVE 378-6 N Cabrillo. Two-story and basement frame residence.
Owner ...Jacques Constr. Co., 127 Montgomery, S. F.
Architect ...None.
Day's work. COST, $3000

FRAME STABLE
(82) NW BRYANT AND ALAMEDA. Two-story frame stable.
Owner.....John Rapp, 1500 Bryant, San Francisco.
Architect ...None.
Contractor..R. A. Chrisholm, 180 Jessie, San Francisco.
COST, $4500

FRAME DWELLING
(83) E CUVIER 125 N Bosworth. One-story and basement frame dwlg.
Owner.....J. Weinstein, 222 Raymond Ave., San Francisco.
Architect ...None.
Contractor..T. H. Parry, 222 Raymond Ave., San Francisco.
COST, $1700

REPAIRS
(84) NE CASTRO AND TWENTY-fifth. Repair fire damage

[illegible] Hercules
Architect ...None.
Contractor R. W. [illegible] Co.
[illegible] $4[illegible]

DEMOLITIONS
(85) NO [illegible] JACKSON. Alter and [illegible] into two
[illegible] O. W. [illegible], 1525 Jackson San Francisco.
Architect ...None.
Day's work. COST, $900

FRAME DWELLING
(86) NW PRECITA and NE Florida One and one-half-story and basement frame dwelling.
Owner.....Wm. Miller, 49 Park, S. F.
Architect ...None..
Day's work. COST, $2400

FRAME DWELLING
(87) NW PRECITA AVE 27-7 NE Florida One-story and basement frame dwelling.
Owner.....H. T. Everett, 2563 Mission, San Francisco.
Architect ...None.
Contractor..Wm. Miller, 49 Park, S. F.
COST, $2400

FRAME RESIDENCE
(88) E FIFTEENTH AVE 121 N Balboa N 35xE 127-6. All work for two-story frame residence..
Owner.....Jacob Weissbein, Hobart Bldg., San Francisco.
Architect ...None.
Contractor..Martin and Hans Nelson.
Filed Jan. 10, '17. Dated Jan. 5, '17.
Frame up $1200
Brown coated 1200
Completed and accepted..... 1200
Usual 35 days 1200
TOTAL COST, $4800
Bond, $2400. Sureties, Edwin T. Peterson and Emil Nelson. Limit, 90 days Forfeit, $1 Plans and specifications filed.

CLASS "A" GARAGE
(89) S SUTTER 91-6 E Taylor. One-story and basement Class "A" reinforced concrete garage.
Owner.....Olympic Garage Co.
Architect ...E. P. Antonovich, 20 Montgomery, San Francisco.
Contractor J. D. Hannah, 725 Chronicle Bldg., S. F.
COST, $

FRAME DWELLING
(90) W TENTH AVE 175 S Balboa. Two-story and basement frame dwlg.
Owner.....A. T. Morris, 501 11th Ave. San Francisco.
Architect ...None.
Day's work. COST, $2900

FRAME APARTMENTS
(91) E GOUGH 31 N Filbert. Three-story and basement frame (9) apartments.
[illegible] J. Pasquetti, 38 Market San Francisco.
Architect ...None.
Day's work. COST, $9500

FRAME DWELLING
(92) W [illegible] N [illegible] work for excavating, bulkheading.
[illegible]
Architect ...W. H. Crim Jr., 425 Kear[illegible]

Contractor L. A. Secor, 80 Caselli Ave., San Francisco.
Filed Jan. 11, '17. Dated Dec. 29, '16.
All work completed & accepted. 75%
Usual 35 days. 25%
TOTAL COST, $1030
Bond, $515. Sureties, H. G. Hodds and H. F. Secor. Limit, fast as possible.
Forfeit, $5 per day. Plans only filed.

ALTERATIONS
(93) NOS. 1471-75 EIGHTEENTH. Alter store.
Owner.....F. T. Martens, 1130 Hearst Bldg., San Francisco.
Architect ...None.
Contractor..J. A. MacDonald, 816 Fulton, San Francisco.
COST, $500

HOUSE
(94) S BUSH 165 W Laguna. One-story glass covered house.
Owner.....Nippon Goldfish Co., 1745 Buchanan, San Francisco.
Architect ...Y. K. Mayeba, 1745 Buchanan, San Francisco.
Contractor..K. Toba, 1813 Sutter, S. F.
COST, $400

ALTERATIONS
(95) NO. 2330 MISSION. Alter windows.
Owner.....Mrs. Mary Swan, 756 Folsom, San Francisco.
Architect ...None.
Day's work. COST, $800

ALTERATIONS
(96) W VALENCIA 200 S 23rd. Minor alterations to garage.
Owner.....Chas. H. Rossier, 1775 Golden Gate ve., S. F.
Architect ...None.
Contractor..N. F. Nilsson, 355 Coleridge, San Francisco.
COST, $670

ALTERATIONS
(97) NO. 989 MARKET. Alter front
Owner.....Mr. Brill, Premises.
Architect ...None.
Day's work. COST, $500

SIGN
(98) NO. 285 O'FARRELL. Electric sign.
Owner.....Mexican Village, Premises.
Architect ...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $400

SIGN
(99) NO. 2659 MISSION. Electric sign.
Owner.....Silva Bros., Premises.
Architect ...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $400

ALTERATIONS
(100) NO. 150 HARTFORD. Shingle roof and alter dwelling.
Owner.....Mrs. Flanagan, Premises.
Architect ...None.
Contractor..Wm. M. Reedy, 157 Bronte San Francisco.
COST, $1000

REPAIRS
(101) N HAIGHT 100 E Steiner. Repair fire damage.
Owner.....Geo. H. Kahn, 34 Kearny, San Francisco.
Architect ...None.
Contractor..J. S. Malloch, 110 Jessie, San Francisco.
COST, $400

FRAME RESIDENCE
(102) E FIFTEENTH AVE 202-5 S Balboa. Two-story and basement frame residence.
Owner.....Anderson & Johnson, 256 Church, San Francisco.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(103) E FIFTEENTH AVE 176-10 S Balboa. Two-story and basement frame residence.
Owner.....Anderson & Johnson, 256 Church, San Francisco.
Architect ...None.
Day's work. COST, $3000

BUILDING
(104) S HARRISON AND SECOND SE 95xSW 160. Engineering plans and specifications, excavation, concrete, carpentry and all other work for building.
Owner.....United States Envelope Co., 435 Mission, S. F.
Architect ...W. H. Crim Jr., 425 Kearny, San Francisco.
Engineer ...P. A. Palmer, 774 Monadnock Bldg., S. F.
Contractor..P. A. Palmer and Peter Petersen (as Palmer & Petersen), 774 Monadnock Bldg., San Francisco.
Filed Jan. 12, '17. Dated Jan. 3, '17. On 1st of each month contractor to receive $1000 per month, balance 35 days after.....
Labor and material to be paid as follows: 90% on 1st and 15th of each month .....
Usual 35 days.....Balance
TOTAL COST, not to exceed $123,638 which sum includes contractor's compensation of $10,000.
Bond, $61,820. Surety, Massachusetts Bonding & Insurance Co. Limit, 150 days. Forfeit, plans and specifications, none.

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Jan. 12, 1917—N O'FARRELL 103-1½ W Mason W 61-10½xN 137-6. Samuel Knight as to improvements on leased property .....
Jan. 12, 1917—W POLK 31 S Clay S 78-6xW 81-12. Chas H and Howard T Grimm and Kate G Wood as to improvements on leased property..
Jan. 12, 1917—SE MARKET 53 NE Sixth NE 25xSE 90. Louise Neppert as to improvements on leased property .....

LEASES

SAN FRANCISCO COUNTY.

Jan. 11, 1917—SW CHURCH AND Twenty-fifth. Katherine Driscoll to Denis Driscoll and Cornelius Guerney. 8 years. $30 per month.
Jan. 9, 1917—BLK 59, University Mound, except W Cor. Dartmouth and Woolsey, 60 on Woolsey and 100 on Darthounth also E Wayland and College 120x160. Antonio Depaoli to Armando Consani. 10 years, $4800.
Jan. 8, 1917—NO. 1498 DOLORES NW Cor. 28 th with barn in rear on 28th. Loretta Genevieve Morrissey and Lawrence Morrisey, Frank X Carroll, G F Vaughan, Mary E Murphy and Gertrude Hannigan to Annie Dammeyer. 24 months. $840 with option to renew.
Jan. 8, 1917—NO. 4031 TWENTY-fourth S line bet. Noe and Castro. Peter and Sarah Conaty to John P Karagianis and Mike Volia.. 5 years. $35 per month.
Jan. 9, 1917—N JACKSON bet. Grant Ave and Kearny; No. 606 Jackson. Mary A Jones to Jno Rustemy. 35 months. $1400 option to renew.

ARCHITECT'S CERTIFICATE.

Jan. 10, 1917—Roland Irving Stringham has filed his Certificate of Architect for San Francisco County.

RELEASE OF BUILDING CONTRACT.

Jan. 9, 1917—E JULIAN AVE 155 S 15th S 30xE 84. Emil Ichters with Marie Metter.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED
Jan. 6, 1917—S GLOVER 137-6 W Jones 23x60. Raffaele Bevilacqua to S Montani and G Stefannini.....Jan. 5, 1917
Jan. 6, 1917—N BROADWAY 125 W Broderick N 137-6 W 55 S 137-6 E 55. Julia de L Welch to Forderer Cornice Works.....Jan. 4, 1917
Jan. 5, 1917—W TWENTY-FIRST Ave 125 N Anza N 50xW 120. Thos Hamill to whom it may concern.....Jan. 5, 1917
Jan. 8, 1917—S TWENTY-FOURTH 75 E Fountain E 25xS 70. Victor Bjors to whom it may concern.....Jan. 5, 1917
Jan. 8, 1917—LOT 8 BLK 12 Forest Hill.. J S Malloch to whom it may concern.....Jan. 8, 1917
Jan. 8, 1917—NE POWELL AND Pacific N 42xE 67-6. A Pechoultres A Delagnes and I Madrieres to Higginson Co, Inc.....Jan. 8, 1917
Jan. 8, 1917— E TWENTY-FIFTH Ave 160 N Lake N 30xE 120. Susanne W Richardson to Higginson Co, Inc.....Jan. 4, 1917
Jan. 9, 1917—SW CALIFORNIA AND Drumm W 46-11½ S 94-4 NE 57-2½ N 60 m or l. Louis Metzger to Lange & Bergstrom.....Jan. 3, 1917
Jan. 9, 1917—E FIFTEENTH AVE 26-10 S Balboa S 100x88-3. Emil Nelson to whom it may concern.....Jan. 9, 1917
Jan. 9, 1917—S EIGHTEENTH 55 E Lexington Ave 25x85. Geo P Sonne to Geo D Gilmour.....Jan. 8, 1917
Jan. 9, 1917—N BUSH 45-10 E Taylor E 45-10xN 100. Louis D Stoff to James S Fennell.....Jan. 4, 1917
Jan. 10, 1917—S TWENTY-SECOND (Sierra) 25 E Vermont E 25xS 100. Edward or E Tengborg to L F Sanden.....Dec. 23, 1916
Jan. 10, 1917—SE TREAT AVE AND 21st. Clinton Constr Co of Cal to Pacific Fire Extinguisher Co, S W Band, The Turner Co and Harry Maundrell.....Jan. 2, 1917
Jan. 10, 1917—NE EIGHTH 220 SE Howard SE 27-6xN 137-6. John F Haner to whom it may concern.....Jan. —, 1917
Jan. 11, 1917—NE LEAVENWORTH

and Macondray. Attilio F Pescia to Thos McCormack....Jan. 9, 1917

Jan. 11, 1917—W FIFTEENTH AVE 125 S Cabrillo S 25xW 127-6. Lilly Flaherty to D J Broderick..Jan 10, '17

Jan. 11, 1917—SW CALIFORNIA & Drumm W 46-11½ S 94-4 NE 57-2½ N 60. Louis Metzger to Scott Co and M A De Lew.....Jan. 3, 1917

Jan 11, 1917—E TWENTY-SEVENTH Ave 275 N Judah. Matilda Kayser to whom it may concern.....Jan. 10, 1917

Jan. 11, 1917—NW HOWTH 75 NE Mount Vernon Ave NE 25xNW 90; Lot 36 Frank R Webb's Sbdvn Blk 12 San Miguel City. Gertrude I Pehrson to whom it may concern .....Jan. 10, 1917

Jan. 10, 1917—N BALBOA 107 E 22nd Ave E 25xN 100. Robt and Ella Progner to Martin Hansen.....Jan. 10, 1917

Jan. 11, 1917—NO. 7434 GEARY. J J Rusk to Leigh & Schultz.....Jan. 8, 1917

Jan. 12, 1917—N GEARY 141-3 E Fillmore E 25xN 137-6. A Lonne Clavere to A Loustau..Jan. 11, 1917

Jan. 12, 1917—E FIFTEENTH AVE 175 S Lincoln Way 75x127-6. Elizabteh C Durfee & Mary M Callundan to whom it may concern.....Jan. 2, 1917

Jan. 12, 1917—S CALIFORNIA 62-6 W Gough W 75x— 137-6. Martin S Show to whom it may concern.....Jan. 12, 1917

Jan. 12, 1917—E TWENTY-FOURTH Ave 150 S California S 25xE 120. Charles Mitchell to whom it may concern.....Jan. 10, 1917

Jan. 12, 1917—S VALLEJO 137-6 W Hyde 27-6x137-6. E Lupori to Montani & Steffanini, Jan. 11, 1917

Demarta Painting Co...Jan. 11, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Jan. 6, 1917—N CLEMENT 55 W 15th Ave W 25xN 104-3. Joost Bros vs Andrew and Hilda Melander, Andrew Melander $19.10

Jan., 8, 1917—E ASHBURY 75 N Grove N 25xE 90. A P Konkel vs A P Dunphy $141.55

Jan. 8, 1917—N CLEMENT 50 W 15th Ave W 25xN 104. Herbert I Lauder vs A Melander.....$263.60

Jan. 9, 1917—W SEVENTEENTH AV 120 S California S 25xW 120. Joseph Beck vs San Francisco Bldg Co and Wm Larson.....$195

Jan. 10, 1917—NE ANZA AND 17th Ave N 25xE 90. Holmes Planing Mill Co vs Walter G Campbell and Robert McLelland.....$237.33

Jan. 10, 1917—SW BUSH AND VAN Ness Ave S 120xW 220-3. Electric Railway & Manufacturers Supply Co vs The Overland Stores Co, Leonard Constr Co and Rex Elec & Constr Co $9700.09

Jan. 11, 1917—W LARKIN 112-6 N Lombard N 25xW 87-6. Atlas Motar Co vs Greenback Plastering Co, George C Todhunter, L and Angelina Seccardi and A Pedrini....$63.90

Jan. 12, 1917—N RUSSIA AVE AND Naples NW 50xNE 75 Ptn Lot 5 Blk 45, Excel Hd. Spring Valley Lumber Yard vs Charles and Martha Michelsen $134.28

Jan. 12, 1917—SE NAPLES 75 SW France Ave SW 62-6xSE 100 Ptn Lot 1 Blk 58, Excel Hd. Spring Valley Lumber Yard vs F Picerno $536.68

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, S. Carleton, 2023 69th avenue, Oakland. Location, south Arthur east 69th avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $30,000. Oakland, Cal. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name not given. Location, Crocker Highlands. Will contain ten rooms three baths and two separate garages. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $4,300. Oakland, Cal. Architect, none. Owner, Mary E. Zappetini, 2375 Fruitvale avenue, Oakland. Location, south Foothill Boulevard near Congress. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,750. Oakland, Cal. Architect, none. Owner, G. Anderson, 2010½ Ellis street Berkeley. Location, south Madeline east Laurel. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland Cal. Architect, none. Owner, Walter Jarvis, 242 Oakland avenue, Oakland. Location, east Ardley south Hampel. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, Andrew Anderson, 1096 48th street, Oakland. Location, north Arkansas east Peralta. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

FACTORY GROUP—1 to 3 story, steel, brick and concrete, $400,000. Emeryville, Alameda Co., Cal. Engineer, L. A. Rosener, Insurance Exchange Bldg., S. F. Owners, Paraffine Paint Co. Location, Southern Pacific tracks. The group will include five buildings the smallest covering an area of 80 by 400 feet. Plans are complete and a contract for the filling and bulkheading has been awarded to the Standard American Dredging Co. Contracts for the balonce of the work will be let shortly.

WAREHOUSE AND DOCK—1 story, mill construction, $35,000. Oakland, Cal. Engineer, R. M. Henningson, Security Bank Bldg., Oakland. Owners, City of Oakland. Location, foot of Clay street, covering an area of 85 by 300 feet. Plans are nearly complete and figures will be called for within ten days.

FLOUR MILL—8 story, steel and reforced concrete, $150,000. Oakland, Cal. Engineer, R. N. Henningson, Security Bank Bldg., Oakland. Owners, Albers Bros. Location, Key Route Fill, covering an area of 62 by 190 feet. Plans

[illegible] completed and [illegible] asked for [illegible] the next [illegible] days.

CANNERY [illegible] Alameda Co., Cal. Engineer, V. N. [illegible] Exposition Bldg., S. F. Owners, H. G. Prince & Co. Location, east 11th and Park streets covering an area of [illegible] by 130 feet. Plans complete and work to be done by Day Labor.

HOTEL AND STORES—4 or 5 story and base. Class A construction, $110,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owners name withheld. Location, Downtown District.. Further details will be given later.

STORES AND LOFTS—2 story and base. Class C construction, $30,000. Oakland, Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owner, H. S. Crane. Location, 21st and Broadway. Will contain several small stores. Plans complete and figures being taken.

RESIDENCES—2, 2 story and base, frame, $3,000 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, Anderson & Johnson, 256 Church street, S. F. Location, west 15th avenue south Balboa. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. S. Nichols, 2768 Baker street, Berkeley. Location, southwest Ashby and Mable. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,600. Oakland, Cal. Architect, none. Owner, P. S. Walsh, 4995 Rich street, Oakland. Location, east Shafter avenue north 42nd street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $30,000. Piedmont, Alameda Co., Cal. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Frank Proctor. Will contain twelve rooms, three baths and separate garage. Plans are being prepared.

RESIDENCES—2, 1 story and base, frame, $1,500 each. Berkeley, Alameda Co., Cal. Architect none. Owner, Charles A. Werner, 2416 10th street, Oakland. Location, south Channing Way east Browning. Each dwelling will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,500. Oakland, Cal. Architect, none. Owner, Fred Hambleton, 575 43rd street, Oakland. Location, west Randolph south Hampel. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, I. A. Kellogg, 4246 Redding street, Oakland. Location, west Ordway north Hopkins. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $15,000. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Dr. Ergo A Majors. Location, Rock-

ridge Park. Will contain twelve rooms, three baths and separate garage. Plans being prepared.

RESIDENCE — 2 story and base, frame, $16,000. Oakland, Cal. Architect John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Ralph Fageol. Location, Rockridge Park. Will contain ten rooms, three baths and separate garage. Plans being prepared.

FLATS 2 story and base, frame, $8,000. Oakland, Cal. Architects, J. C. and Merrill Newsom, 1748 Broadway, Oakland. Owner John F. Whalen. Location, 41st and Telegraph. Will contain four flats. Plans complete and figures being taken.

STORES AND OFFICES —2 story and base, reinforced concrete, $10,000. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, W. H. Heyward. Location, west Shattuck avenue near University. Will contain stores and offices. Plans complete and figures being taken.

Contract Awarded.

SEWER CONSTRUCTION, ETC. — Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Council has awarded a contract to William Lewis for the following work: That a vitrified pipe sewer, having an internal diameter of 8 inches be constructed in Fallon street, in the vicinity of 7th street. Also that two vitrified pipe hanholes with tops of brick and cast iron, be constructed on said sewer and Y branches, having 5-inch openings be constructed on said sewer; one such lamphole at the eastern end thereof and one at the eastern line of Fallon street.

STREET IMPROVEMENT Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. The City Council has awarded a contract to the Union Investment Co. for the following work: That the north half of Snyder avenue, from a line parallel to the west line of 7th street and distant 101 feet west therefrom, westerly 139 feet, be graded; that a concrete curb with a combined 3-foot gutter be constructed along the curb line adjacent to the roadway thereof; that the remainder of the roadway be macadamized and surfaced with oil and rock screenings.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
41	Nelson	Gossett	1500
42	Ayer	Ayer	2350
43	Am Crm'y	Owner	500
44	Jurgens	Cahill	1200
45	Friend	Schuessler	2925
46	Alameda	Schrader	6830
47	Tepper	Tepper	450
48	Nittler	Nittler	700
49	Havens	Broad	1200
50	Jonas	Lind	400
51	Leach	Filed	3834
52	Same	Yuille	2500
53	Tocci	Ferroni	2000
54	Horswill	Anderson	4000
55	Eva	Dingwell	2450
56	Chase	Chick	2000
57	Lyon	Lyon	400
58	McCarthy	Nickerson	500
61	Zappetini	Owner	4000
62	Same	Same	400
63	Schwartz	Griffin	1400
64	Heitmann	Skaggs	3054
65	Anderson	Anderson	1600
66	Peacock	Quigley	400
67	Oakland	Schnebly	500
69	Taft	Zeis	1115
70	Same	Cederborg	2348
71	Same	Eber	2175
72	Burgum	Thompson	500
73	Levy	Levy	1000
74	Lane	Benassini	400
75	Walsh	Walsh	1600
76	Murdock	Strang	2000
79	Prince	Cal Steel	7450
80	Tribune	Novelty	400
81	Hambleton	Owner	3400

GARAGE

(41) S BELMONT 100 W Staten Ave., Oakland. Two-story 5-room garage.
Owner.....Frederick L. Nelson, 429 Staten Ave., Oakland.
Architect ...Chester H. Miller, 1st Trust Bldg., Oakland.
Contractor..Gossett & Gossett, 1713 Nason, Alameda.
COST, $1500

DWELLING

(42) W ORANGE AVE 450 N E-27th, Oakland. One-story 5-room dwelling
Owner.....Annie L. Ayer, 2356 E-27th Oakland.
Architect ...None.
Contractor..R. B. Ayer, 2356 E-27th, Oakland.
COST, $2350

SHOP

(43) S FIFTEENTH 25 E Cypress, Oakland. One-story blacksmith shop
Owner.....American Creamery Co., 1433 Cypress, Oakland.
Architect ...None.
Day's work. COST, $500

PAINTING

(44) NW FIFTEENTH AND CLAY W 100xN 103-9, Oakland. All work for painting eight story and basement Class "A" store and loft building.
Owner.....The Chas. Jurgens Co., Inc. 373 13th, Oakland.
Architect ...Walter J. Mathews, 927 Broadway, Oakland.
Contractor..Will J. Cahill, 445 Fairmount Ave., Oakland.
Filed Jan. 6, '17. Dated Jan. 5, '17.
One-half completed $450
Completed 450
Usual 35 days..... 350
TOTAL COST, $1200
Bond, $——. Sureties, W. H. Campbell and V. H. Remmer. Limit, Jan. 28. Forfeit, none. Plans and specifications filed.

FRAME DWELLLING

(45) LOT 1 BLK 2 Solano Ave Terrace, Oakland Tp. All work for two story frame dwelling.
Owner.....George Friend Co., Solano and Colusa Aves.., Oakland
Architect ...None.
Contractor..H. H. Schuessler, 922 Mono Berkeley.
Filed Jan. 6, '17. Dated Jan. 4, '17.
Lumber on lot..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $2925
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

IRON WORK

(46) ALAMEDA. Cast bases, plates, columns, beams, lintels, mullion support rods, steel trusses, joist hangers, dogs corner anchors and stirrups and bond iron for Lincoln School.
Owner.....City of Alameda.
Architect ...Cunningham & Politeo, 1st National Bank Bldg., San Francisco.
Contractor..Anderson & Ringrose, 320 Market, San Francisco.
Sub-Contractor..Schrader Iron Works, 1247 Harrison, S. F.
Filed Jan. 6, '17. Dated Nov. 28, '16.
On 10th each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6830
Bond, limit, forfeit, plans and specifications, none.

PAVILION

(47) NO. 2030 HOPKINS, Oakland. One-story pavilion.
Owner.....Chas. Tepper, Premises.
Architect ...None.
Day's work. COST, $450

DWELLING

(48) N CONGRESS 200 E 47th Ave., Oakland. One-story 4-room dwelling
Owner.....N. Nittler, 2159 51st Ave., Oakland.
Architect ...None.
Day's work. COST, $700

REPAIRS

(49) NO. 731 BROADWAY, Oakland. Fire repairs.
Owner.....J. W. Haven.
Architect ...None.
Contractor..A. H. Broad, 2117 Kittridge Berkeley.
COST, $1200

ALTERATIONS

(50) NOS. 1035-37 CASTRO, Oakland. Alterations.
Owner.....M. Jonas, Premises.
Architect ...None.
Contractor..P. F. Lind, 2363 E-23rd, Oakland.
COST, $400

BRICK GARAGE

(51) LOT 5 Map Plot 10 Ptn Hitchcock Tract, Oakland. Concrete, roofing, carpenter, mill work, sash and doors, glass, painting, steel work, plastering, plumbing and electric work for one-story brick garage.
Owner.....Laura E. Leach, Oakland.
Architect ...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor..Fred H. Field, 565 16th, Oakland.
Filed Jan. 8, '17. Dated Jan. 6, '17.
Trusses and supports erected..$ 450
Roofed 325
Rough plumbing in..... 225
Concrete floor laid..... 600
Completed and accepted..... 1234
Usual 35 days..... 1000
TOTAL COST, $3834
Bond, $1917. Surety, Massachusetts Bonding & Insurance Co.. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(52) BRICK WORK ON ABOVE.
Contractor..N. B. Yuille, 2336 14th Ave., Oakland.
Filed Jan. 8, '17. Dated Jan. 6, '17.
Foundations completed $400
Brick work up to mezzanine floor level 600
Completed and accepted..... 700
Usual 35 days..... 800
TOTAL COST, $2500
Bond, limit, forfeit, none. Plans and specifications filed.

(53) NW THIRTY FIFTH AVE AND E-17th, Oakland. One-story 5-room dwelling.
Owner.....Armanda Tocci, 235 Montana, San Francisco.
Architect ...None.
Contractor..G. Ferroni & Sons, 1723 Chestnut, San Francisco.
COST, $2000

(54) E CHESTNUT 141 N 14th, Oakland. Four one-story 4-room dwlgs.
Owner.....F. J. Horswill, 1094 16th, Oakland.
Architect ...None.
Contractor..Anderson & Horswill, 1094 16th, Oakland.
COST, $4000

ALTERATIONS
(55) NO. 1013 BROADWAY, Oakland. Alter theatre.
Owner.....Eva Est, 244 Front, S. F.
Architect ...None.
Contractor..J. H. Dingwell, 2006 West, Oakland.
COST, $2450

DWELLING
(56) S FORTY-SECOND 399 W Market, Oakland. One-story 5-room dwlg.
Owner.....J. W. Chase, 300 E-19th, Oakland.
Architect ...None.
Contractor..Edward A. Chick, 2624 60th Ave., Oakland.
COST, $2000

ELECTRIC SIGN
(57) E BROADWAY 100 N Piedmont Ave., Oakland. Electric sign..
Owner.....Lyon Warehouse Co., Prem
Architect ...None.
Day's work. COST, $400

ALTERATIONS
(58) NO. 651 TWENTY-SEVENTH, Oakland. Alterations.
Owner.....Charles McCarthy, Prem.
Architect ...None.
Contractor..F. L. Nickerson, 511 8th, Oakland.
COST, $500

DWELLING
(61) S FOOTHILL BLVD opp. Congress Ave., Oakland. One-story 7-room dwelling.
Owner.....Mary E. Zappetini, 2375 Fruitvale Ave., Oakland.
Architect ...None.
Day's work. COST, $4000

GARAGE
(62) S FOOTHILL BLVD opp Congress Ave., Oakland. Garage.
Owner.....Mary E. Zappetini, 2375 Fruitvale Ave., Oakland.
Architect ...None.
Day's work. COST, $400

DWELLING
(63) N EIGHTEENTH 50 W Chestnut, Oakland. One-story 4-room dwelling.
Owner.....H. Schwartz, NE 18th and Chestnut, Oakland.
Architect ...None.
Contractor..C. M. Griffin, 746 5th Ave., Oakland.
COST, $1400

ALTERATIONS
(64) NO. 3101 GROVE, Oakland. Alter dwelling into (4) flats.
Owner.....W. D. Heitmann, Prem.
Architect ...None.
Contractor..J. H. Skeggs, 551 14th Oakland.
COST, $2654

DWELLING
(65) N ARKANSAS 115 E Peralta Ave., Oakland. One-story 5-room dwelling.
Owner.....Andrew Anderson, 1096 48th, Oakland.
Architect ...None.
Day's work. COST, $1600

GARAGE
(66) NO. 636 SANTA RAY AVE., Oakland. Garage.
Owner.....E. L. Peacock.
Architect ...None.
Contractor..Chas. E. Quigley, 385 Palin Ave., Oakland. .
COST, $400

(67) NE TWENTY-FOURTH AND Oakland Ave., Oakland. Alterations.
Owner.....Oakland Traction Co., 22d and Grove, Oakland.
Architect ...None.
Contractor..Schnebly, Hostrawser & Pedgrift, 6th and Jackson. Oakland.
COST, $500

(69) N SEVENTEENTH 125 E Grove E 25xN 100, Oakland. Plumbing for two-story apartments and garage.
Owner.....Taft & Pennoyer, Inc., 15th and Clay, Oakland.
Architect ...W. D. Reed, Oakland Bk. of Savings Bldg., Okd.
Contractor..Oscar Zeis, 916 E-16th, Oakland.
Filed Jan. 10, '17. Dated Jan. 9, '17.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1115
Bond, none. Limit, 70 days. Forfeit, $5. Plans and specifications filed.

(70) CARPENTER WORK ON ABOVE.
Contractor..Cederborg & Anderson, 2613 Linden, Oakland.
Filed Jan. 10, '17. Dated Jan. 9, '17.
Payments same as above.....
TOTAL COST, $2348
Bond, none. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

(71) CONCRETE WORK AND EXCAvating on above.
Contractor..F. E. Nelson, 565 16th, Oakland.
Filed Jan. 10, '17. Dated Jan. 9, '17.
Completion of excavation..... 75%
Completion of foundation..... 75%
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $700
Bond, none. Limit, 10 days. Forfeit, $5. Plans and specifications filed.

(72) MASONRY WORK ON ABOVE.
Contractor..J. W. Eber, 852 32nd, Okd
Filed Jan. 10, '17. Dated Jan. 9, '17.
Payments same as above.....
TOTAL COST, $2775
Bond, none. Limit, 30 days. Forfeit, $5. Plans and specifications filed.

ADDITION
(72) NO. 720 SIXTY-FIRST, Oakland. Addition.
Owner.....Mrs. G. Burgum, Premises.
Architect ...None.
Architect ...None.
Contractor..E. A. Thompson, 666 60th, Oakland.
COST, $500

ALTERATIONS
(74) NO 1125 BROADWAY Oakland Alterations.
Owner.....Leva Estate, 1125 Broadway, Oakland.
Architect ...None.
Day's work. COST, $1000

ALTERATIONS
(75) NO 814 FIFTY-SIXTH, Oakland Alterations and additions.
Owner.....E. F. Lane, 814 56th, Okd
Architect ...None.
Contractor..Pio Benassini, 5250 Boyd Ave., Oakland.
COST, $400

DWELLING
(75) E SHAFTER AVE 291 N 42nd, Oakland. One-story 5-room dwlg.
Owner.....P. S. Walsh, 495 Rich, Okd
Architect ...None.
Day's work. COST, $1600

ALTERATIONS
(76) NO. 3070 RICHMOND BLVD., Oakland. Alterations and additions to one-story dwelling.
Owner.....C. P. Murdock, Premises.
Architect ...Hamilton Murdock, 425 Kearny, San Francisco.
Contractor..F. N. Strang, 805 Pacific Ave., Alameda.
COST, $2000

CANNERY BUILDING
(79) FRUITVALE, Oakland. Structural steel for one-story brick and steel cannery building.
Owner.....H. G. Prince & Co., Okd.
Architect ...None.
Contractor..California Steel Co., 2nd and Harrison, Oakland.
Filed Jan. 10, '17. Dated Jan. 8, '17.
Material delivered 90%
30 days after..... 10%
TOTAL COST, $7450
Bond, $3725. Surety, New Amsterdam Casualty Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

SIGN
(80) NO. 1422 SAN PABLO AVE., Oakland. Electric sign.
Owner.....Oakland Tribune.
Architect ...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $400

DWELLING
(81) W RANDOLPH AVE 338 S Hampel, Oakland. One-story 7-room dwelling.
Owner.....Fred Hambleton, 575 43rd, Oakland.
Architect ...None
Day's work. COST, $3400

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
59	Koerber	Koerber	[illegible]
60	Stringham	Kokimo	[illegible]
68	Sandow	Montgomery	[illegible]
77	Loeffler	Bloomquist	[illegible]
78	Nichols	Nichols	[illegible]
82	Werner	Werner	[illegible]
83	Pisk	Mason	[illegible]
84	Kellogg	Kellogg	[illegible]
85	Werner	Werner	[illegible]

ALTERATIONS
(59) NO. 2643 ASHBY AVE., Berkeley Alterations.
Owner.....Fred C. Koerber, 2647 Ashby Ave., Berkeley.
Architect ...None.

Contractor..Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $500

ALTERATIONS
(60) NO. 21 TANGLEWOOD ROAD, Berkeley. Alterations.
Owner.....F. D. Stringham, Premises
Architect ...None.
Contractor..Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $400

ALTERATIONS
(68) S DURANT AVE 110 E Telegarph Ave S 130xE 40, Berkeley. All work for altering one-story brick theatre into cafeteria.
Owner.....Eula E. Sandow, 297 Lee, Oakland.
Architeit ...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.
Contractor..W. S. Montgomery, 2321 Ward, Berkeley.
Filed Jan. 10, '17. Dated Jan —.
Plastered $1000
Completed and accepted..... 1386
Usual 35 days..... 796
TOTAL COST, $3182
Bond, $1591. Surety, National Surety Co. Limit, March 1. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(77) NO. 2115 DELAWARE, Berkeley. Alterations.
Owner.....C. Loeffler, Premises.
Architect ...None.
Contractor..D. T. Blethroad, 1732 Milvia, Berkeley.
COST, $450

DWELLING
(78) SW ASHBY AND MABLE, Berkeley. One-story 4-room dwelling.
Owner.....C. S. Nichols, 2768 Baker, Berkeley.
Architect ...None.
Day's work. COST, $1400

DWELLING
(82) S CHANNING WAY 71 E Browning, Berkeley. One-story 5-room dwelling.
Owner.....Chas. A. Werner, 2416 10th, Berkeley.
Architect ...None.
Day's work. COST, $1500

ALTERATIONS
(83) NO. 2620 REGENT, Berkeley. Alterations and additions.
Owner.....Dr. Fisk, Mare Island Navy Yard.
Architect ...None.
Contractor..Mason-McDuffie Co., Shattuck Ave & Addison, Bkly.
COST, $400

DWELLING
(84) W ORDWAY 258 N Hopkins, Berkeley. One-story 4-room dwelling.
Owner.....I. A. Kellogg, 4246 Redding Oakland.
Architect ...None.
Day's work. COST, $1500

DWELLING
(85) S CHANNING WAY 36 E Browning, Berkeley. One-story 5-room dwelling.
Owner.....Chas. A. Werner, 2416 10th Berkeley.
Architect ...None.
Day's work. COST, $1500

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED **ACCEPTED**
Jan. 4, 1917—NOS. 3006-08 THIRTY-eighth Ave, Okd. L Waters to G A Jenks.....Dec. 29, 1916
Jan. 5, 1917—SW STATEN AVE & Belmont, Okd. Frederick L Nelson to Gossett & Gossett....Jan. 4, 1917
Jan. 8, 1917—LOT 11 BLK 4, Northbrae, Berkeley. William Patrick to O M & H G Patrick....Jan. 6, 1917
Jan. 8, 1917—LOT 35 BLK "F" Sheet 1, Lakewood Park, Piedmont. C M Blabon to whom it may concern .....Jan. 8, 1917
Jan. 8, 1917—LOT 15 BLK 30 Amended Map Fairmount Park, Albany. Oscar Swanson to whom it may concern.....Jan. 6, 1917
Jan. 8, 1917—NE HILLSIDE 317-6 SE 90th Ave SE 55xNE 260, Oakland. George Ferguson to whom it may concern.....Dec. 1, 1916
Jan. 9, 1917—PTN LOT 47 Oakland Homestead Association, being No. 2827 Richmond Ave, Okd. Justus Norris to whom it may concern... .....Completed —
Jan. 9, 1917—PTN LOT 47 Oakland Homestead Association, being No. 2823 Richmond Ave., Okd. Justus Norris to whom it may concern... .....Jan. 6, 1917
Jan. 9, 1917—LOT 4 BLK "E" Map Excelsior Heights, Okd. Realty Syndicate Co to J C O'Connor, J R Elrod and F N Strang...Jan. 6, 1917
Jan. 9, '1917—LOT 4 BLK "F" Map Excelsior Heights, Okd. Realty Syndicate Co to Walter H Packard and F N Strang.....Jan. 6, 1917
Jan. 9, 1917—LOT 2 BLK "F" Map Excelsior Heights, Okd. Realty Syndicate Co to Walter H Packard and F N Strang.....Jan. 6, 1917
Jan. 9, 1917—LOT 2 BLK "E" Map Excelsior Heights, Okd. Realty Syndicate Co to J C O'Connor, J R Elrod and F N Strang...Jan. 6, 1917
Jan. 10, 1917—(1) SE SECOND AND Franklin 100x75; S Second bet Broadway & Franklin 28x75, Okd. The Fruit & Produce Realty Co, Inc, to Edwall & Alforno.Jan. 2, 1917
Jan. 10, 1917—LOT 22 BLK 36 Amended Map Fairmount Park, being N Marin Ave 50 W Ramona Ave, Albany. Mae L Oyster to Madge H Jones.....Dec. 14, 1916
Jan. 11, 1917—LOT 16 BLK 1 Map 4th Ave Heights, Okd. George H Johnson to whom it may concern .....Jan. 11, 1917
Jan. 11, 1917—NW TELEGRAPH AV and 28th W 65 N 100 E 58 S 100, Okd. Sophia B Crawford to H M Frostholm.....Jan. 7, 1917
Jan. 11, 1917—PTN LOTS 80 AND 81 Map Resbdvn Peralta Park, Bkly. E A Janssen to whom it may concern (4 accepted Jan. 5, 1917 and one accepted Dec. 20, 1916).....

LIENS FILED

ALAMEDA COUNTY.

RECORDED **AMOUNT**
Jan. 6, 1917—NW NINETEENTH AVE 35 SE E-19th SW 35xNW 130, Okd. Herbert Johnston vs William B White $24.36
Jan. 6, 1917—S TWENTY-SECOND, bet Grove and Telegraph Ave, No. 25, Okd. F W Knight vs Mrs V E Lucas $8.50
Jan. 8, 1917—NW NINETEENTH AV 35SW E-19th SW 35xNW 130, Okd. P E O'Hair vs William B White... .....$134,11
Jan. 8, 1917—S ELEVENTH 125 E Broadway E 175xS 100, Okd. John Foster vs Moffitt Estate Co and Floodberg & McCaffery.....$65
Jan. 6, 1917—S ELEVENTH 125 E Broadway E 175xS 100, Okd. Berger Mfg Co vs James Moffitt Estate Co, Floodberg & McCaffery and National Lathing & Furring Co... .....$505.30
Jan. 10, 1917—NW NINETEENTH AV 35 SW E-19th SW 35xNW 130, Okd. J R Teague vs William B White.. .....$14.57
Jan. 11, 1917—NW NINETEENTH Ave 35 SW E-19th SW 35xNW 130, Okd. The California Door Co vs W B White.....$36.77
Jan. 11, 1917—E MYRTLE 194 S 3rd S 25xE 100, Okd. Burnham-Standeford Co vs Giambatista and Camilla Ratto $28.83

SAN JOSE AND THE SANTA CLARA VALLEY.

SCHOOL—1 and 2 story, reinforced concrete, brick or hollow tile, $200,000. Palo Alto, Santa Clara Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, City of Palo Alto. Construction depends on the bond issue carrying. Bonds to be voted January 27th.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

PLUMBING, ETC.
SANTA CLARA. Plumbing, sewers and drains for Carmelite Monastery.
Owner.....Noel Sullivan, 2171 Sacramento St., S. F.
Architect ...Maginnis & Walsh and A Cauldwell.
Contractor..J. E. O'Mara, 449 Minna San Francisco.
Filed Jan. 8, '17. Dated Nov. 8, '16.
Ironstone piping done.....$ 70
Iron sewers and underground piping done 140
Rough plumbing done..... 176
Accepted 160
Usual 35 days..... 182
TOTAL COST, $729
Bond, $3650. Surety, National Surety Co. Limit, 180 days from filing. Forfeit, none. Plans and specifications filed.

STORES AND OFFICES
PALO ALTO. Marble and mosaic work for two-story concrete and frame stores and offices.
Owner.....Gertrude M. Gardiner, W Crauston and N. B. Smith 1650 Waverly St., Palo Alto
Architect ...H. H. Meyers, Kohl Bldg. San Francisco.
Contractor..American Marble & Mosaic Co., 25 Columbia Sq. San Francisco.
Filed Jan. 6, '17. Dated Dec. 22, '16.
On 1st of each month..... 75
Usual 35 days.....Balance
TOTAL COST, $94
Bond, $474. Surety, Massachusetts Bonding & Insurance Co. Limit, 8 days after filing. Forfeit, $20 per day. Plans and specifications filed.

PAINTING ON ABOVE.
Contractor..A. M. Christensen, 3250 21st, San Francisco.
Filed Jan. 6, '17. Dated Dec. 22, '16.
Payments same as above.....
TOTAL COST, $1029
Bond, $515. Surety, New Amsterdam Casualty Co. Limit, 90 days after filing. Forfeit, none. Plans and specifications filed.

ELECTRIC WIRING ON ABOVE.
Contractor..Ne Page-McKenny Co., 149 New Montgomery, S. F.
Filed Jan. 6, '17. Dated Dec. 22, '16.
Payments same as above.....
TOTAL COST, $1752
Bond, $876. Surety, United States Fidelity & Guaranty Co. Limit, 90 days after filing. Forfeit, $20 per day. Plans and specifications filed.

HEATING, ETC., ON ABOVE.
Contractor..Scott Co., 243 Minna, S. F.
Filed Jan. 6, '17. Dated Dec. 22, '16.
Payments same as above.....
TOTAL COST, $1980
Bond, $990. Surety, New Amsterdam Casualty Co. Limit, 100 days after filin Forfeit, $20 per day. Plans and specifications filed.

LATHING AND PLASTERING ON above.
Contractor..A. Knowles, Call Bldg., San Francisco.
Filed Jan. 6, '17. Dated Dec. 22, '16.
Payments same as above.....
TOTAL COST, $3893
Bond, $1947. Surety, Massachusetts Bonding & Insurance Co. Limit, 80 days from filing. Forfeit, $20 per day. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor..F. W. Snook, 596 Clay, St. San Francisco.
Filed Jan. 6, '17. Dated Dec. 22, '16.
Payments same as above.....
TOTAL COST, $2758
Bond, $1379. Surety, United States Fidelity & Guaranty Co. Limit, 90 days after filing. Forfeit, $20 per day. Plans and specifications filed.

ELEVATORS, CABLES, GATES, pumps, etc., on above.
Contractor..F. M. Spencer, 128 Beale, San Francisco.
Filed Jan. 6, '17. Dated Dec. 22, '16.
Payments same as above.....
TOTAL COST, $3250
Bond, $1625. Surety, Maryland Casualty Co. Limit, 90 days from filing. Forfeit, $20 per day. Plans and specifications filed.

Correction in Cost and Amount of Bond
STORES AND OFFICES
PALO ALTO. Roofing, flashing, etc., for two-story concrete and frame stores and offices.
Owner.....Gertrude M. Gardiner, W. Crauston and N. B. Smith, 1650 Waverly St., Palo Alto
Architect ...H. H. Meyers, Kohl Bldg., San Francisco.
Contractor..Fibrestone & Roofing Co., 199 10th, San Francisco.
Filed Jan. 6, '17. Dated Dec. 22, '16.
On 1st of each month..... 75%
Usual 35 days.....Balance
TOTAL COST, $615
Bond, $308. Surety, United States Fidelity & Guaranty Co. Limit, 70 days after filing. Forfeit, $20 per day. Plans and specifications filed.

BUILDING CONTRACTS

SAN MATEO COUNTY.

FRAME BUNGALOW
STAMBAUGH AND PINE STS., Redwood City. All work except excavating and sewer for one-story frame bungalow.
Owner.....Eugene W. Callnon.
Architect ...Thomas A. Cuthbertson.
Contractor..Thomas A. Cuthbertson, 1766 12th Ave., S. F.
Filed Jan. 10, '17. Dated Jan. 8, '17.
When framed $286.25
Plumbing and wiring roughed in and brown plastered 286.25
When completed 286.25
Usual 35 days..... 286.25
TOTAL COST, $1145.00
Bonw, $600. Sureties, J. H. McCallum and E. V. Benner. Limit, 60 days. Forfeit, 50 cts per day. Plans and specifications filed.

FRAME RESIDENCE
LOT 43, MEZES RANCH. All work for two-story and attic and basement frame residence.
Owner.....Richard Girvin, 508 Kohl Bldg., San Francisco.
Architect ...Charles Peter Weeks, Phelan Bldg., S. F.
Contractor..W. C. Duncan & Co., Sharon Bldg., San Francisco.
Filed Dec. 27, '16. Dated Dec. 23, '16.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,000
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
ATHERTON, CAL. All work for alterations and additions to two-story frame residence.
Owner.....Chas. R. McCormick, 1 Drumm St., San Francisco.
Architect ...Lewis P. Hobart, 1122 Crocker Bldg., S. F.
Contractor..W. C. Duncan & Co., Sharone Bldg., San Francisco.
Filed Jan. 5, '17. Dated Jan. 4, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $18,500
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
PORTOLA near Woodside, San Mateo. All work for frame building drawn as mill to be a pump and engine house.
Owner.....William Fitzhugh, 2350 Broadway, San Francisco.
Architect ...Charles Ed. Hodges, 742 Market, San Francisco.
Contractor..F. W. Fox, 825 Cowper St., Palo Alto.
Filed Jan. 9, '17. Dated Jan. 6, '17.
On completion $450
Usual 35 days..... 150
TOTAL COST, $600
Bond, none. Limit, 21 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOWS
LOTS 8 AND 10 BLK 1, Glenwood Park Burlingame. All work for two one-story frame bungalows.
Owner.....Jerome and Estella Hamilton, Burlingame.
Architect ...None.
Contractor..Samuel McClure, Burlingame.
Filed Jan. 2, '17. Dated Dec. 21, '16.
When framed $1550
When plastered 1550
When completed 1550
Usual 35 days 1550
TOTAL COST, $6200
Bond, limit, forfeit, none Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Dec. 30, 1916—LOT 18 BLK 54, Naglee Park Tract, San Jose. F O Nelson to whom it may concern. Dec. 26, 1916
Jan. 3, 1917—STANFORD CAMPUS, Palo Alto. Stanford University to A Salviati & Co.....Dec. 29, 1916
Jan. 4, 1917 STANFORD CAMPUS, Palo Alto. Stanford University to P J Walker Co.....Dec. 30, 1916
Jan 5, 1917—FIRST & HAWTHORNE Way, San Jose. Louis Sonniksen to R O Summers.....Dec. 27, 1916

RELEASE OF LIENS

SANTA CLARA COUNTY.

RECORDED AMOUNT
Jan. 9, 1917—LOTS 6, 7, 21, 22, 23 Blk 12 Lenbum's Tract, San Jose. California Wall Paper Mills to Margaret and E C Stevens....$43.89
Jan. 9, 1917—LOTS 23 AND 24 BLK 2, New Park Sub, Santa Clara. S H Chase Lumber Co to J La Rosa $159.64

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED ACCEPTED
Jan. 10, 1917—LOT 6 BLK 1 Sub of Lots 32 and 35, San Mateo Park, San Mateo. Jno Dudfield to whom it may concern.....Jan. 6, 1917
Dec. 20, 1916—WHIPPLE AVE. Cor. Duane St., Redwood City. Redwood City Grammar School Trustees to W D Henderson.....Dec. 19, 1916
Dec. 20, 1916—LOT 16 BLK 11, Brighton Beach, San Mateo. Jane Henderson to Salih Constr Co.....Dec. 19, 1916
Dec. 21, 1916—LOT 46 Stanford Park near Menlo Park. John Lencioni to George G Bertsche...Dec. 20, 1916
Dec. 21, 1916—CLUB HOUSE SITE, San Francisco and San Mateo Counties. Lakeside Golf Club to Turner Co.....Dec. 18, 1916
Dec. 22, 1916—LOTS 23 AND 24 BLK 10 of North Fair Oaks. Giuseppina Lencioni and Angelo Lencioni to whom it may concern..Dec. 20, 1916
Dec. 27, 1916—LOT 215 Briceland Tct Menlo Park. Perry T Cumberson and Maud C (wife) to George Jacobsen.....Dec. 22, 1916
Dec. 27, 1916—LOT 4 Baldwin & Howell Resbdvn of Lots 167 and 168, San Mateo Park, San Mateo. Leonard Coulter to F H Boring.....Dec 28, 1916
Dec. 29, 1916—NEAR MENLO PARK, Elise A Drexler to Collman & Duncan.....Dec 21, 1916
Dec 29, 1916—BADEN AND MAPLE Aves, South San Francisco Hertha H Knoth to Geo J Doering.....Dec .8, 1916
Dec 29, 1916—LOT 64 San Mateo Park, San Mateo J W Wolf to Catherwood & Hamilton Dec. 28, '16

Jan. 1, 1917—LOT 64, Clark Drive, San Mateo. J W Wolf to J A Catherwood and M J Hamilton... .....Dec. 28, 1916

Jan. 6, 1917—SWIFT AND WALKER Aves, South San Francisco. South San Francisco Land & Improvement Co to Ransome-Crummey Co .....Dec. 29, 1916

Jan. 6, 1917—LOT 33 BLK 118, South San Francisco. Joseph Benedetto to D N Stearns.....Jan. 2, 1917

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT

Dec. 23, 1916—LOT 1 Sweeney Ranch, Redwood City. Frank J Zimmerman, $4990.56, $265, $5255.56; P E Brand, $52.20; George Alvis, $182.05 vs Christofferson Aircraft Manufacturing Co .....

Jan. 5, 1917—LOT 1, Sweeney Ranch Redwood City. M E Ryan vs Christofferson Aircraft Manufacturing Co $60.60

RELEASE OF LIENS

SAN MATEO COUNTY.

RECORDED AMOUNT

Jan. 5, 1917—LOT 153 Wellesley Park Villa Lots, Redwood City. Inlaid Floor Co to Mrs Ora C Smith..$95.75

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HIGHWAY IMPROVEMENT—Cost as follows. San Rafael, Marin Co., Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. Only one bid was received Tuesday by the Board of Supervisors for the improvement of a portion of the county road known as the Fairfax and Bolinas road, from the bridge at Alpine to the southwest boundary line of Road District No. 9, a distance of three miles. The bid was submitted by S. P. Brownlee, County Road, Kentfield, at $1,565 and he was awarded the contract.

SCHOOL—1 story and base, brick or concrete, $25,000. Rio Vista, Solano Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Rio Vista Grammar School District. Will contain eight class rooms and an assembly hall. Plans being prepared.

OFFICE—1 story and base, brick or reinforced concrete, $5,000. Martinez, Contra Costa Co., Cal. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owners, Contra Costa Abstract and Title Co. Will cover an area of 25 by 70 feet. Plans are being prepared.

BRIDGES—Reinforced concrete. Cost not stated. San Rafael, Marin Co., Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. County Engineer Charles Richardson has been instructed by the County Supervisors to prepare plans and specifications for two concrete bridges which will be built on the State highway between this city and Petaluma. One at Novato and one at Ignacio. Bids will be ordered on approval of plans.

BRIDGE—Reinforced concrete and steel. Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, County Surveyor Youker, Santa Rosa. Owners, Sonoma County. The County Supervisors have appointed a committee to consult with the Marin Supervisors in the matter of a bridge crossing San Antonio Creek, which is the dividing line between the two counties. County Surveyor Youker was instructed to make surveys, plans and specifications for all bridges over 20 feet in length which are on the route of the highway between this city and Petaluma. These will later be submitted to the highway commission for approval.

RESIDENCE — 1 story and base, frame, $1,000. Richmond, Contra Costa Co., Cal. Architect, none. Owner, George Feiler, 121 Schrock avenue, Richmond. Location, Schrock avenue east Hensley. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

FIRE HOUSE—2 story, reinforced concrete, $12,000. San Rafael, Marin Co., Cal. Architects, Masten & Loubet, First National Bank Bldg., S. F. Owners, City of San Rafael. Revised plans have been completed and new figures are now being taken. Bids will be opened on February 5th. Plans can be secured from the architects.

OIL STATION, GARAGE, ETC.—4, 1 story, reinforced concrete and steel. Cost not stated. Petaluma, Sonoma Co., Cal. Engineer, Engineering Department Standard Oil Co., S. F. Owners, Standard Oil Co. Contractors, Arthur Biggers, Fort Bragg. Contract price not stated.

LODGE HALL—3 story and base, brick and steel, $75,000. Vallejo, Solano Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Hall Association. Location, northwest Marin and Vallejo streets. Devoted entirely to lodge purposes. Excavating and foundation work to be done by Day Labor. Segregated figures to be called for shortly on the balance of the work.

HOTEL—3 story and base, frame, $17,000. Colusa, Colusa Co., Cal. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owner's name withheld. Work is in the nature of an addition to a building already up. Plans are being prepared.

Contract Awarded.

SEA WALL—Rock, $22,000. Richmond, Contra Costa Co., Cal. Engineers, Haviland & Tibbetts, Alaska-Commercial Bldg., S. F. Owners, City of Richmond. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, $22,000.

STREET IMPROVEMENT—$86,224.19. Mill Valley, Marin Co., Cal. Engineer, Town Engineer, Mill Valley. Owners, Town of Mill Valley. Contractors, Ransome-Crummey Co., First Savings Bank Bldg., Oakland. Contract price, $86,224.19.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME COTTAGE

SCHROCK AVE., bet East & Hensley, Richmond. One-story frame cottage.

Owner.....Geo. Feiler, 121 Schrock Ave., Richmond.

Architect ...None.

Day's work. COST, $1000

SEWERS, ETC.

PTN RICHMOND-PULLMAN-PUELBO Tract No. 2, Richmond. All work for sewers, man holes and lamp holes in portion of Richmond-Pullman-Pueblo Tract No. 2.

Owner.....Richmond-Pullman Land Co., Richmond.

Architect ...None.

Contractor..Paul Belsher, Alameda.

Filed Jan. 2, '17. Dated Dec. 18, '16.

Usual 35 days.....$300

Every 30 days thereafter..... 300

TOTAL COST, $——

Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

FRAME APARTMENT HOUSE

LOTS 48, 49, 50 AND 51 BLK 14 in Fay and Andrade Tracts, Richmond. All work for two-story frame apartment house.

Owner.....Herbert F. Brown, 2207 Macdonald Ave., Richmond

Architect ...J. W. Forsyth, 843 Van Ness Ave., San Francisco.

Contractor..P. M. Sanford, Richmond.

Filed Jan. 2, '17. Dated Dec. 21, '16.

Foundation finished .....$ 350

Frame up and rafters set..... 1000

1st coat plaster finished..... 2000

Interior wood finish on..... 2500

Completed and accepted..... 2568

Usual 35 days..... 2807

TOTAL COST, $11,225

Bond, $690. Surety, Massachusetts Bonding & Insurance Co. Limit, 150 working days. Forfeit, none. Plans and specifications filed,

RETAINING WALL

RICHMOND, Conta Costa Co. 4500 feet retaining wall in inner habor.

Owner.....City of Richmond.

Architect ...None.

Contractor..The Standard American Dredging Co., 414 13th St., Oakland.

COST, $39,000

BRICK SCHOOL

TWENTY-SECOND ST., bet Macdonald and Bissell Sts., Richmond. Plastering two -story brick school.

Owner.....High School Board of Richmond.

Architect ...J. T. Narbett, 910 Macdonald Ave., Richmond.

Contractor..J. N. Long, 327 21st St., Richmond.

COST, $4755

HEATING ON ABOVE.

Contractor..Scott Co., 243 Minna, S. F.

(COST, $2780

PLUMBING ON ABOVE

Contractor..Spiersch Bros., 25 Park Place, Richmond.

COST, $1129

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED

Jan. 10, 1917—SAN ANSELMO. San Francisco Orphanage and Farm to Wm H Dwyer.....Jan. 2, 1917

Jan. 10, 1917—SAN RAFAEL. Pacific Gas & Electric Co of S F to Geo A Shields, Knowles & Mathewson and Butte Eng & Elec Co....Jan. 5, 1917

Jan. 11, 1917—BELVEDERE. M P Hellmann to E Ellingson (plumbing) .....Jan. 9, 1917

Jan. 11, 1917—BELVEDERE. M P Hellmann to E Ellingson (garden work, etc).....Jan. 9, 1917

Jan. 11, 1917 BELVEDERE. M P Hellmann to E Ellingson. Jan. 9, 1917

LIENS FILED

MARIN COUNTY.

RECORDED AMOUNT

Jan. 10, 1917 NEAR MILL VALLEY. Mill Valley Lumber Co (a Corp) vs J W Kenneison.....$400.57

Jan. 8, 1917—SAN ANSELMO. E K Wood Lumber Co vs R A Carey and H H Jepsen.....$707.23

BUILDING CONTRACTS

SONOMA COUNTY.

FRAME HOSPITAL

NORTH-MAIN ST., Petaluma. All work for frame veterinary hospital.

Owner.....Dr. H. B. Wintringham, 100 6th St., Petaluma.

Architect ...Brainerd Jones, 110 Washington St., Petaluma.

Contractor..Rodd & Rodd, 101 6th St., Petaluma.

COST, $——

RELEASE OF LIENS

SONOMA COUNTY.

RECORDED AMOUNT

Dec. 29, 1916—SANTA ROSA. J P Fitts to G W Mayfield and wife.....$149.53

Dec. 29, 1916—AGUA CALIENTA Springs. D K Hawley to Theo Richards and wife.....$748.10

Dec. 30, 1916—AGUA CALIENTA Springs. M Sugarman to Theo Richards and wife $1860.60

COMPLETION NOTICES

SONOMA COUNTY.

RECORDED ACCEPTED

Dec. 22, 1916—SEBASTOPOL. Free Public Library to Bailey Comstock Co.....Dec. 21, 1916

Dec. 28, 1916—SANTA ROSA. Mrs Lizzie G Grosse to Santa Rosa Mfg Co.....Dec. 18, 1916

Jan. 5, 1917—SANTA ROSA. J W Cline to J O Kuykendall. Jan. 4, 1917

LIENS FILED

SONOMA COUNTY.

RECORDED AMOUNT

Jan. 5, 1917—MONTRIO. G Moro vs B Van Dyk and wife.....$188.95

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BRIDGES — Timber construction. Cost not stated. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Bids will be opened on February 6th at 2 p. m. for the construction of three (3) wooden pile bridges across certain canals in the proposed road between Firebaugh and Dos Palos.

HIGHWAY CONSTRUCTION — Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor E. H. Annear, Modesto. Owners, Stanislaus County. Plans and specifications have been prepared by County Engineer E. H. Annear for three more stretches of road to be improved, and advertisement for bids for this work will be authorized by the Board of Supervisors within the next few days. The portions are 6¼ miles of road from the Ceres Cemetery to one mile east of Hughson, 6½ miles of road from one mile east of road from Hughson to Turlock and 3½ miles of road from Keyes to intersection with the Hughson-Turlock road.

STREET PAVING: Cost as follows Hanford, Kings Co., Cal Engineer City Engineer, Hanford Owners, City of Hanford. The Federal Construction Co., 323 Sharon Bldg., S. F., was the successful bidder for the paving of approximately 62 blocks of Hanford on their bid of $188,944.50. T. E. Clark submitted a bid of $186,440.50, but was not awarded the contract on account of a discrepancy in his bond.

HIGHWAY CONSTRUCTION — Cost as follows. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contracts for the construction of three portions of the 126 miles of county highway to be paved under the $1,482,000 bond issue, the first stretches to be improved, have been let by the County Board of Supervisors, the successful bidders and their figures being: Western Construction Co., Oakland, 4.42 miles, Waterford to Empire, $43,500; Central California Paving Co., Modesto, 5.4 miles Paradise road, $56,000; Gaskell & Foley, Stockton, four miles Maze road west from Modesto, $44,000.

RESIDENCE — 2 story and base, frame, $5,000. Fresno, Fresno Co., Cal. Architect, none. Owners, Alta Vista Homes Co., Fresno. Location, Alta Vista Tract. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BRIDGES, ETC.—Cost as follows. Modesto, Stanislaus Co. Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. At the last meeting of the County Supervisors plans and specifications as drawn by County Engineer E. H. Annear for four stretches of roadways to be improved under the $1,482,000 bond issue were adopted, and bids were called for to be opened February 3rd. The same procedure was followed for 12 bridges and 17 siphons. The stretches of road advertised are: Keyes to the Hughson-Turlock road, 3.51 miles; Hughson-Turlock road from Ceres cemetery to one mile east of Hughson, 6.25 miles; Beckwith and Carmichael roads, total 8.1 miles. The board will also open bids for grading the Crows Landing road at the San Joaquin River bridge on the same date.

STREET PAVING—Cost not stated Merced Merced Co., Cal. Engineer, City Engineer, Merced. Owners, City of Merced. The proposition of extending street paving in the city, which was postponed by the City Trustees from last June, owing to weather conditions, was revived at the last meeting, and City Engineer C. D. Martin was instructed to prepare plans and specifications for the work to submit at the next meeting. The area proposed to be included in this program of improvements comprises both streets and alleys, as follows: Streets—K, from 19th to 24th; O, from 16th to 22nd; 22nd from M to O. J, from 20th to 32nd. Alleys 16th, 17th, 18th, 19th and 20th streets from J to O, 21st from J to O, [illegible] street from [illegible] N

HIGHWAY CONSTRUCTION — Cost as follows. Hanford, Kings Co., Cal. [illegible] Kings County Supervisors, Hanford, Kings County, Cal., [illegible] at the last meeting of the County Supervisors for the location of the most of improved highways from the north terminus of Douty [illegible] five miles north; three miles into the Excelsior District, and the portion [illegible] the Academy and Hardwick northwest of the City, connecting the Hardwick unit with the bridge across Kings River. Two bids were submitted on four items as follows: Item 1, excavating, grading and shaping road bed; item 2, laying asphaltic base 2½ inches thick; item 3, [illegible] Topeka wearing surface 1½ inches thick; item 4, constructing barrier fence. Following are the bids submitted: Thompson Bros., 1514 H street, Fresno, item 1, 90 cents per cubic yard item 2, 2½ cents per square foot item 3, 2¼ cents per square foot item 4, $1 per lineal foot. Blanchard & Brown 600 Market street S. F., item 1, 85 cents per cubic yard; item 2, 2.85 cents per square foot; item 3, 1.75 cents per square foot; item 4, 36 cents per lineal foot. Action on awarding a contract was laid over until January 17th at 2 p. m.

HIGHWAY CONSTRUCTION — Cost as follows. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Bids for the construction of two separate divisions of county roads opened by the County Board of Supervisors were referred to the Kern County Highway Commissioners for report. For the work of constructing division 9, section 5, of the Bakersfield-Glennville road, five bids were received. They were as follows: Roger Bros. Co., Los Angeles, $55,580.06; Mesmer & Rice, Los Angeles, $48,944.00; J. H. McMillen Construction Co., Wasco, Cal., $51,925.-; Richard Rothwell, Los Angeles $54,916.65; Robert Sherer, 650 Pacific Electric Bldg., Los Angeles, $45,427.09. The bids on division 1, Delano-county line road, were as follows: Rogers Bros. Co., Los Angeles, $27,430.50; George S. Benson & Son, Los Angeles, $34,033.60; L. J. Atkinson, Jr., Los Angeles $28,[illegible]; W. A. Kettlewell & Son, Kingsburg, Cal., $27,357.75; Mesmer & Rice, Los Angeles, $38,072.20; Thompson Bros., 1514 H street, Fresno, Cal., $23,829.40. Contracts will be awarded within the next few days.

RESIDENCE — 1 story and base, frame, $1,500. Fresno, Fresno Co., Cal. Architect, none. Owner, O. D. Atkins, 3219 Kerchoff street, Fresno. Location, Bartlett Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

HIGHWAY CONSTRUCTION — Cost as follows. Bakersfield, Kern Co., Cal. Engineer, County Surveyor Bakersfield. Owners, Kern County. The contract for building the Delano-County Line road, which links with the Porterville road below Richgrove, has been awarded by the County Supervisors to Thompson Bros., [illegible] street, Fresno, at $[illegible].

Contract Awarded.

[illegible] Fresno, Fresno Co., Cal. [illegible]

neer, County Surveyor, Fresno. Owners, Fresno County. Contractors, Mitchell & Jones, Fresno. Contract price, $2,960.

JAIL 2 story and base, reinforced concrete, $34,900. Visalia, Tulare Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Tulare County. Contractors, Trewhitt & Shields, Rowell Bldg., Fresno. Contract price, $34,900.

HIGHWAY CONSTRUCTION — Cost not stated. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. At the last meeting of the County Supervisors, bids for section 5, of division 9 of the Bakersfield-Glennville road were rejected on advice of the county highway board as being too high. New bids will probably be called.

STREET IMPROVEMENTS — Cost not stated. Maricopa, Kern Co., Cal. Engineer not selected. Owners, City of Maricopa. To pave the streets of the city of Maricopa throughout the business section was the reason for an order issued by the Maricopa City Trustees, in which City Clerk E. E. Ballagh was instructed to get in touch with engineers who might furnish an estimate of the cost of the work, which was outlined and which will be paid for out of the accumulated money in the city treasury. The matter of paving the business streets from the county highway on California to Main street, on Main street to the Maricopa building; from Main street to Kern to the junction of California streets, and the county highway toward Taft; on Bush street, from California to the Oil Well Supply Building, was discussed, and it was deemed advisable that this work be carried out.

SCHOOL—2 story and base, brick and concrete, $150,080. Modesto, Stanislaus Co., Cal. Architects, De Remer & Hewitt, Title Insurance Bldg., L. A. Owners, Modesto School District. Location, southwest First and H streets. This work was first mentioned under the name of Stone & Wright as architects. Bids will be called for within sixty days. Further mention will be made of the work.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
LOTS 7, 8 AND 9 BLK 1, Bartlett Heights, Fresno. Dwelling.
Owner.....O. D. Atkins, 3219 Kerckhoff St., Fresno.
Architect ...None.
Day's work. COST, $1500

GARAGE
LOTS 20 AND 21 BLK 89, Fresno. Garage.
Owner.....J. Ryan.
Architect ...None.
Contractor..R. F. Felchlin, Rowell Bldg., Fresno.
COST, $8800

GARAGE
LOTS 15 AND 16 BLK 84, Fresno. Garage.
Owner.....J. W. Short.
Architect ...None.
Contractor..R. F. Felchlin, Rowell Bldg., Fresno.
COST, $4200

ALTERATIONS
NO. 1014 J ST., Fresno.. Alter lunch room.
Owner.....Hart Bros. Lessees.
Architect ...None.
Day's work. COST, $2300

DWELLING
LOT 11 BLK 25, Alta Vista Tract, Fresno. Dwelling and garage.
Owner.....Alta Vista Homes Co.
Architect ...None.
Day's work. COST, $4950

ALTERATIONS
LOTS 19 AND 20 BLK 72, Fresno. Alter store front.
Owner.....L. L. Cory, Cory Bldg., Fresno.
Architect ...None.
Contractor..H. H. Clark.
COST, $1000

LOTS 1 TO 4 BLK 7, Altamont Addition. Church building.
Owner.....Presbyterian Church, M & Merced Sts., Fresno.
Architect ...None.
Contractor..E. J. Farr, 245 Forthcamp St., Fresno.
COST, $13,000

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
Jan. 10, 1917—PTN LOTS 1, 2 AND 3 Blk 104, Fresno. E F Mitchell to R F Felchlin.....Dec. 20, 1916
Jan. 5, 1917—LOTS 12 TO 16 BLK 340, Fresno. First Church of Christ Scientist to whom it may concern.....Jan. 4, 1917
Jan. 8, 1917—N 100 FEET LOTS 1 & 2 Blk 52, East Fresno. Hart & Buwaldo to whom it may concern.. .....Jan. 8, 1917

LIENS FILED

FRESNO COUNTY.

RECORDED AMOUNT
Jan. 10, 1917—LOTS 3 TO 6 BLK 3 North Calwa Addition. Hollenbeck-Bush Planing Mill Co vs Calvin W and Maude Houseman and H H Putnam.....$290
Jan. 5, 1917—LOT 9 BLK 20, Alta Vista Tract, Fresno. Lee R Duncan vs Jas L Miller.....$2383

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

STREET IMPROVEMENTS — Cost not stated. Marysville, Yuba Co., Cal Engineer, City Engineer Meek, Marysville. Owners, City of Marysville. A resolution empowering Engineer Meek to proceed to prepare plans and specifications for the improvement of streets in District No. 4 was adopted at the meeting of the City Council a few days ago. The resolution calls for the grading of the streets named to bring them up to official grade, asphalt concrete paving with four-inch hydraulic concrete base with a one and one-half inch wearing surface and concrete curbs and gutters. The streets affected are: B, Fourth to Seventh; Fourth, B to C; Seventh, B to C; C, Seventh to Eighth.

HIGHWAY CONSTRUCTION — Cost as follows. Placerville, El Dorado Co., Cal. Engineer, County Surveyor Wildman, Placerville. Owners, El Dorado County. Scott & Turner, Sacramento, have been awarded the contract by the Supervisors to build the three-mile road which will eliminate the dangerous Kelsey grade between Placerville and the north side of the county. Their bid of $18,685.48 was the lowest of the eight received. The bid accepted was nearly $1,500 under Engineer Wildman's estimate of $20,000.

ROAD CONSTRUCTION—Cost as follows. Oroville, Butte Co., Cal. Engineer, County Surveyor, Oroville. Owners, Butte County. The County Supervisors have awarded a contract to the Chico Contracting Co., 408 Broadway, Chico, for the improvement of the Wyandotte-Oroville road, they being the lowest bidder at $6,400.

RESIDENCE — 2 story and base, frame, $5,000. Sacramento, Cal. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owner, E. C. Wescott. Location, North Sacramento. Will contain eight rooms, bath and sleeping porch. Plans being prepared.

HOTEL ALTERATIONS—4 story and base, brick, $45,000. Sacramento, Cal. Architect, F. A. S. Foale, Ochsner Bldg., Sacramento. Owner, Wood-Curtis Co. Location, Front and J streets. Work will consist of exterior and interior alterations, metal lath and plaster partitions, electric work, interior rim, steam heating equipment and plumbing. Plans are complete and figures will be called for shortly.

CREAMERY AND CHEESE FACTORY—1 story, reinforced concrete. Cost not stated. Woodland, Yolo Co., Cal. Engineed, Edward L. Soule, Rialto Bldg., S. F. Owner's name withheld. Contractor, L. G. Bergren & Son, Call-Post Bldg., S. F. Contract price not stated.

DETENTION HOME—2 story and base, brick. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, San Joaquin County. Location, East and Taylor streets. Plans complete and figures to be called for shortly.

FIRE HOUSE—2 story, brick. Cost not stated. Tracy, San Joaquin Co., Cal. Architects, Sala & Mayo, Stockton. Owners, City of Tracy. All bids received for the construction of the proposed municipal building for this city have been rejected by the City Trustees, and after a few modifications in the specifications new bids will be called.

HOSPITAL—3 and 4 story and base. Class A construction, $250,000. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sisters Hospital. Only preliminary sketches have been prepared and further mention will be made of the work.

GARAGE—1 story, reinforced concrete, $10,000. Yreka, Siskiyou Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Yreka Auto Garage Association. Will contain storage space for twenty machines. Plans are being prepared.

Contract Awarded.

BRIDGE—Steel and concrete. Cost not stated. Eureka, Humboldt Co., Cal. Engineer, Engineering Department, Northwestern Pacific R. R. Co., S. F. Owners, Northwestern Pacific

R. R. Co. Mercer-Fraser Co., of Eureka have been awarded a contract by the Northwestern Pacific Railroad to construct a drawbridge across Eureka Slough. The new bridge is to be 198 feet in length with reinforced concrete piers at each end and a 25-foot center pier on which the bridge will swing. The bridge work will be entirely of steel.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

NEW FLOOR
NO. 830 N ST., Sacramento. New floor in building.
Owner.....Bridget Devine Estate.
Architect ...None.
Contractor..G. W. Kopp, 1514 15th St., Sacramento.
COST, $500

REPAIRS
LOT 5 K, L, 9TH AND 10TH STS., Sacramento. Repair interior of store and install store fixtures.
Owner.....W. W. Bassett, 2731 E St., Sacramento.
Architect ...None.
Contractor..Geo. D. Hudnutt, 2031 T St. Sacramento.
COST, $800

SHEDS
LOT 2 AND W ½ LOT 3, M, N, 4th and 5th Sts., Sacramento. Two sheds.
Owner.....N. Awano.
Architect ...None.
Day's work. COST, $600

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ALTERATIONS
E 50 FEET LOT 7 G, H, 15th and 16th Sts., Sacramento. Remodel rear and interior of dwelling.
Owner.....A. L. McConnell.
Architect ...None.
Contractor..Siller Bros., 1614 13th St., Sacramento.
COST, $990

GARAGE ON ABOVE,
Contractor..Siller Bros., 1614 13th St., Sacramento.
COST, $600

PAVEMENT
N LINE THIRD AVE to Bonita Ave on 24th street to a point approximately 50 feet N of N line of Bonita Ave on Freeport Road, Sacramento. All work to pave with flush coat of sheet asphaltum.
Owner.....Pacific Gas & Electric Co.,

11th and K Sts., Sacramento.
Architect . .None.
Contractor .Clark & Henery Constr. Co., Ochsner Bldg., Sacramento.
[illegible]
TOTAL COST, 7½ cts. per sq. ft.
Bond, limit, forfeit, plans and specifications, none.

ALTERATIONS
E ½ LOT 2, K, L, 7th and 8th Sts., Sacramento. Remodel front and rear of store.
Owner.....Maud B. Ware.
Architect ...None.
Contractor..M. F. Terra, 2315 9th St., Sacramento.
COST, $2000

ALTERATIONS
E ½ LOT 7 N, O, 22nd and 23rd Sts.,

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Sacramento Remodel interior of dwelling.
Owner.....I. C. Satterlee, 2215 O St., Sacramento.
Architect ...None.
Day's work. COST, $550

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Jan. 9, 1917 LOT 2822, Elmhurst. Andrew J and Mamie Senna (C J Hopkins Bldg) to whom it may concern .....Completed ——

LOS ANGELES AND SOUTHERN CALIFORNIA.

WAREHOUSE—4 story and base, reinforced concrete. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architects, Krempel & Erkes, Henne Bldg., L. A. Owners, Channel Commercial Co., 916 East First street, L. A. The exact size and other details have not been determined. Further mention will be made of the work.

HOSPITAL GROUP 1, 2 and 3 story, reinforced concrete. Cost as follows. Los Angeles, Cal. Engineer, John Schulz, L. A. Owners, Los Angeles County. William C. Crowell, Chamber of Commerce Bldg., Pasadena, submitted the lowest bids on the general construction at $169,960 on proposition No. 7, omitting the maternity building, at $155,699 for the erection of new buildings at the county hospital. The Llewllyn Iron Works, L. A., submitted the lowest bids on the structural steel at $41,757.50 and $38975, respectively. The Baker Iron Works, L. A., the lowest bids on the operating machinery for the movable roof shutters and the installation of the machinery and omitting the maternity building, at $39,825 and $37,425, respectively; and the Hunt Engineering Co., L. A., the lowest bids on the vacuum cleaning at $14,961, $14,435 and $10,000 respectively.

HOTEL AND STORES 12 story and base. Class A construction, $1,000,000. Los Angeles, Cal. Architect, John Parkinson, Title Insurance Bldg., L. A. Owners, Hart Bros., proprietors Rosslyn Hotel. Location, Main street. The building will adjoin the present hotel and will contain in the neighborhood of 800 rooms. Construction cannot be started before the present leases expire, which is approximately twenty months.

STORES, OFFICES AND THEATRE—12 story and base. Class A construction, $600,000. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Stability Building Co. Location, southwest Third and Broadway. Plans complete and segregated figures being taken.

Contract Awarded.

MAUSOLEUM 1 story and base, reinforced concrete, $60,000. Los Angeles, Cal. Architects, Marston & Van Pelt, Chamber of Commerce Bldg., Pasadena. Owners, California Mausoleum Co. Location, Hollywood Cemetery. Contractor, William C. Crowell, Chamber of Commerce Bldg., Pasadena. Contract price, $60,000.

PORTLAND AND OREGON.

MACHINERY, ETC.—Cost not stated. Marshfield, Ore. Engineer, none. M. W. Payne, 158 Commercial avenue, Marshfield, Ore., is in the market for a considerable amount of road building machinery, which includes the following: 1 steam shovel, revolving type with 1 yard dipper; 2 auto trucks with bodies, 4 wheel drive, 2 or 3 ton capacity; 6 trailers, 1 yard or more; 1 donkey engine for pile driver with friction drum 7 inches to 10 inches; 1 direct pile driving hammer with hose, etc.; 1 compressed air drill with pump and tank; 1 set of compressed air hammers with hose, etc. The contractor will either rent or purchase.

SEWER CONSTRUCTION—Cost as follows. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. Giebisch & Joplin of Portland again submitted the lowest bid for the reconstruction and repair of the Tanner Creek sewer at $308,771.95, as compared to their first bid of $309,312.00 and which was rejected. It is probable that they will be awarded the contract.

POWER PLANT AND STACK—Concrete and hollow tile. Cost as follows. Hillsboro, Ore. Engineer, Boen, Hillsboro. Owners, The Carnation Milk Products Company. The company announce that they will erect a $75,000 power plant and will also build a large stack in connection with their establishment here. The power plant will be 36 by 140 feet in dimensions and will be of hollow tile and reinforced concrete construction. Three large boilers will be installed for which orders have already been placed, according to information received. In connection with the power plant a large stack 100 feet high will be built. It will be of tile and brick construction. Construction will be carried on under the direct supervision of Superintendent Boen, who is now completing the second unit to the plant, the cost of which is $75,000.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, East Portland. Will contain 25 class rooms and departments for manual training and domestic science Plans being prepared.

SEATTLE AND WASHINGTON.

IRRIGATION DAM—$2,000,000. North Yakima, Wash. Engineer C. E. Crownover, manager of storage construction for the Yakima Irrigation, has moved his office from Lake Keechelus to this city (North Yakima) to organize his force for the construction of the $2,000,000 U. S. irrigation dam at McAllister Meadows, 40 miles from Maches City. This year will be devoted to construction of necessary buildings and driving of a 1600-foot outlet tunnel.

SCHOOL ADDITION—2 story and base, brick, $75,000. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location Dayton avenue and North 66th street. Will contain eight class rooms and an assembly hall. Plans complete and figures being taken. Bids close January 24th.

APARTMENT HOUSE—3 story and base, brick, $50,000. Seattle, Wash. Architect, David Dow, 21st avenue and Spruce street, Seattle. Owner, E. G. De Ry. Location northwest Jackson and 27th street, covering an area of 60 by 120 feet. Will contain 42 suites of three and four rooms. Plans complete and figures being taken.

WAREHOUSE—1 story, mill construction, $150,000. Seattle, Wash. Architect, none. Owners, Western Realty Co. Location, block bounded by Post, Western, Madison and Marion streets, covering an area of 100 by 240 feet. Construction will be under the direction of Hurley-Mason Co, Hoge Bldg., Seattle.

SCHOOL—3 story and base, reinforced concrete, $75,000. Seattle, Wash. Architect, Edgar Blair, Seattle. Owners, City of Seattle. Location, 24th avenue and West Genesee street, covering an area of 113 by 116 feet. Plans complete and figures being taken. Bids to be opened on January 24th.

Contract Awarded.

COURT HOUSE—2 story and base, reinforced concrete, $107,678. Prosser, Wash. Architect, Warren Gould, American Bank Bldg., Seattle. Owners, Benton County. Contractors, Ferro Concrete Co., Empire Bldg., Seattle. Contract price, $107,678.

CITY BIDS OPENED.

D. L. Bienfield, Phelan Bldg., submitted the lowest bid to the San Francisco Board of Public Works at about $28,500 for construction of sewers and appurtenances in Orizaba street, from Palmetto street to Stanley street and in Stanley street from Orizaba street to Junipero Sierra Blvd., and in the Merced lands of the the Spring Valley Water Company.

At the same meeting bids for furnishing sterilizers for the San Francisco Hospital were opened as follows:

A. Lettich	$8700
Alex. Coleman	8350
J. E. O'Mara	8620
Wittman Lyman Co.	8365
Scott Co.	8185
Turner Co.	8500
Burnham Plumbing Co.	8425
H. Lawson	8355

Two bids for drilling a well at the City Hall were also received at the same meeting. These bids were:

A. Paulsen	$1425
J. B. Rogers	985

STATE HARBOR COMMISSION AWARD PIER CONTRACT.

J. D. Hannah Will Construct New Pier to be Known as Pier No. 3 With Adjacent Bulkhead Wharf.

The State Board of Harbor Commissioners has awarded a contract to J. D. Hannah, Chronicle Bldg., for the construction of a timber and concrete pier No. 3 with adjacent bulkhead, wharf and passenger pier to the south of Pier No. 3 on his bid of $248,000. Three other bids were submitted as follows:

Clinton Constr. Co.	$277,000
San Francisco Bridge Co.	318,400
Healy-Tibbitts Constr. Co.	253,620

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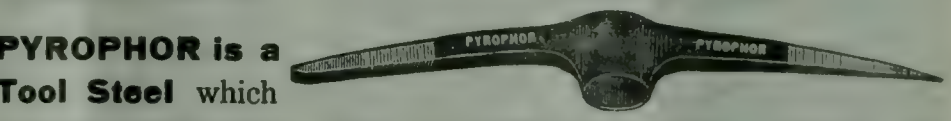
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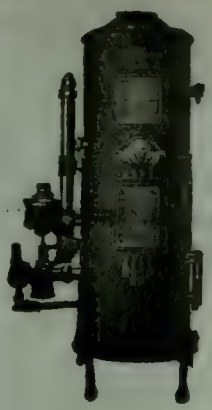
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RENO, Nevada—The Nevada Gunite Manufacturing & Construction Company, comprised of Reno business men, has filed articles of incorporation here.

The company has an authorized capital of $100,000, divided into 100,000 shares at a par value of $1.00 each, half of which is preferred stock and the other half common stock.

The company, according to the articles, will manufacture, sell and use cement, plaster and concrete and intends to engage in general construction work by means of the so-called "cement gun" method.

The incorporators are C. S. Wheeler, Donald C. Wheeler, G. W. Walts, F. E. Walts and H. E. Walts.

SACRAMENTO—Fred W. Kiesel, cashier of the California National Bank, has started a movement toward inducing the construction of a beet sugar factory in this vicinity.

He has taken up the matter with the Chamber of Commerce which recently induced a milk condensing factory to locate in this county.

SACRAMENTO—Fred J. Johns, real estate agent of this city, has started a movement to interest property owners on J Street in the organization of a company to erect a $250,000 theatre building on the site of the Columbia Market, on J, Seventh and Eight, destroyed by fire a few weeks ago.

The property is owned by S. W. Waterhouse who has extensive interests elsewhere. The site is 80 feet wide and 160 feet deep. The ruins of the old building on the site are now being wrecked.

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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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BUILDING OPERATIONS FOR DECEMBER, 1916.

December completes a remarkable year in building construction. For each month of 1916 there was an increase over the corresponding month of 1915. The activity reached its maximum last July, when the gain was 83 per cent. For several months the increase was slight but 1916 was always on the upgrade side. The closing month is modest in its comparative showing.

The official reports of building operations in 110 principal cities of the country, as received by the American Contractor, Chicago, The California Development Board and The Daily Pacific Builder, total for December $69,503,584, as compared with $67,687,684 for December, 1915. The total is almost identical with that of November and the shrinkage with the approach of winter is somewhat less than normal. It was a successful closing of a most successful year.

The showing for the year 1916 is altogether satisfactory. The details of the December operations are as follows:

Cities	Dec., 1916 Cost	Dec., 1915 Cost.
Akron	$ 648,115	$ 566,425
Alameda, Cal.	18,160	14,090
Albany	159,625	340,290
Allentown	124,915	21,850
Atlanta	177,746	255,559
Atlantic City	154,141	442,344
Bakersfield, Cal.	20,517	12,190
Baltimore	1,016,633	360,842
Bayonne	92,521	127,348
Berkeley, Cal.	95,000	215,900
Binghamton	98,134	117,008
Birmingham	255,998	140,187
Boston & vicinity	5,240,000	6,596,000
Bridgeport	480,335	701,740
Buffalo	1,207,000	895,000
Canton	150,310	567,700
Cedar Rapids	66,000	85,000
Charlotte	31,280	90,515
Chattanooga	60,850	92,726
Chicago	5,852,500	10,642,000
Cincinnati	998,345	1,113,110
Cleveland	3,080,980	2,987,850
Colorado Springs	33,025	9,265
Columbus	242,340	150,340
Dallas	236,015	311,169
Davenport	34,872	120,985
Dayton	341,278	120,195
Denver	299,170	128,440
Des Moines	1,223,089	82,355
Detroit	3,990,110	2,966,360
Duluth	201,795	172,491
East St. Louis	25,735	10,795
Elizabeth	187,793	230,828
Erie	142,895	104,523
Eureka, Cal.	4,300	6,850
Fort Wayne	447,975	300,000
Fort Worth	218,695	81,240
Fresno, Cal.	105,040	56,166
Grand Rapids	254,961	96,850
Harrisburg	34,175	105,000
Hartford	300,047	218,250
Haverhill	141,000	357,550
Hoboken	13,120	7,000
Huntington	40,000	30,000
Indianapolis	300,000	240,000
[illegible]	14,000	36,595
[illegible]	1,000,000	612,525
[illegible]	111,000	61,000
Los Angeles, Cal.	1,179,973	1,000,000
[illegible]	81,000	50,000
Manchester	80,000	54,615
[illegible]	136,010	110,040
[illegible]	621,043	1,000,000
Minneapolis	4,804,265	1,294,340
[illegible]	775,223	193,427
[illegible]	300,000	166,180
[illegible]	114,900	80,000
[illegible]	110,000	90,000
[illegible]	41,400	172,892
New York City		
Manhattan	1,000,000	1,000,000
[illegible]	3,000,000	2,286,886
Brooklyn	3,235,474	4,297,930
[illegible]	1,000,000	1,440,600
Richmond	100,000	100,000
Total	10,411,680	12,287,463
[illegible]	107,662	199,227
Oakland, Cal.	390,039	286,525
Oklahoma City	139,475	61,850
[illegible]	797,400	1,000,000
Pasadena, Cal.	100,000	101,372
[illegible]	68,700	49,475
Paterson	339,043	232,147
[illegible]	151,775	117,176
Philadelphia	3,000,000	2,703,070
[illegible]	1,199,916	2,995,596
[illegible]	136,155	100,000
[illegible]	88,700	7,000
Richmond Cal.	100,000	100,000
[illegible]	1,000,000	647,300
Sacramento, Cal.	379,181	300,000
[illegible]	26,010	12,196
[illegible]	194,800	334,500
San Diego, Cal.	55,725	64,179
San Francisco	1,124,712	2,273,766
San Jose, Cal.	22,227	42,164
Santa Rosa, Cal.		
[illegible]	15,998	100,000
Schenectady	95,120	75,900
[illegible]	157,614	92,101
Seattle, Wash.	445,290	605,385
[illegible]	69,590	165,400
Spokane, Wash.	53,570	15,120
Springfield, Ill.	92,530	43,600
[illegible]	1,000,000	596,790
[illegible]	21,230	37,331
[illegible]	1,573,862	637,977
[illegible]	100,000	100,000
Stockton, Cal.	100,000	100,000
[illegible]	10,690	100,000
[illegible]	210,695	100,000
Tacoma, Wash.	84,945	55,088
[illegible]	100,000	68,730
Terre Haute	100,000	20,865
[illegible]	100,000	350,425
Topeka	24,380	26,750
[illegible]	100,000	71,480
[illegible]	100,000	100,000
[illegible]	60,750	54,150
Washington, D.C.	1,394,576	540,679
[illegible]	100,000	100,000
Wilkes-Barre	100,000	75,000
Wilmington	100,000	100,000
Woonsocket	100,000	50,000
[illegible]	162,170	100,000
[illegible]	100,000	100,000

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $22,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, 17th street west of Church. Will contain two and three room suites. Bids on revised plans in and contract to be awarded to Mathew A. Little.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $25,000. Architect, C. H. Clausen, Hearst Bldg., S. F. Owner, J. C. Kincannon, 3040 Steiner street, S. F. Location, southwest Clayton and Grove streets, covering an area of 1 by 91½ feet. Will contain twelve suites of three and four rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Stores and apartments, 3 story and base, frame, $10,000. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. Location, south Geary east 19th avenue, an area of 30 by 80 feet. Will contain one store and several two and three room apartments. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house alterations, 3 story and base, frame, $18,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Miss C. Chariot. Location, 1950 to 1960 Post street. The present three-story frame flats will be altered into 18 modern apartments, each of two rooms and bath. Plans complete and bids being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house alteration, 3 story frame, $30,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, W. H. Heywood. Location, 2119 Addison street. Only the present four walls of the building will be used. A number of two and three room suites will be designed. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 4 story and base, brick, $100,000. Architect, M. I. Diggs, 5550 Broadway, Oakland. Owners, Realty Bond and Finance Co. Location, Oak street. Will contain 90 rooms arranged in two and three room apartments. Plans being prepared and work to be superintended by owners.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, $32,000. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner's name withheld. Location, Ashby and College avenues. Will contain a number of two, three and four room suites. Plans complete and figures being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner's name withheld. Location, near Lake Merritt. Will contain residential apartments of four and five rooms. Plans being prepared.

ASTORIA, ORE.—Apartment house, 4 story and base, brick, $45,000. Architect, A. G. Gendron, Astoria. Owner's name withheld. Will cover an area of 50 by 100 feet and contain a total of 30 suites of two, three and four rooms. Plans are being prepared.

SEATTLE, WASH—Apartment house, 3 story and base, brick and concrete, $85,000. Architect, S. E. Sonnicksen, Arcade Bldg., Seattle. Owner, Olof Olson. Location, Terry avenue and Virginia street, covering an area of 120 by 120 feet. Will contain suites of two, three and four rooms besides stores on the first floor. Plans are being prepared and figures will be called for about February 20th.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, $32,000. Architect, E. P. Antonovich, 20 Montgomery street, S. F. Owner, Michael Dempniak, 1828 Hyde street, S. F. Location, north Eddy 275 west Larkin, covering an area of 25 by 120 feet. Will contain 24 suites of two and three rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $25,000. Architect, none. Owner, R. O'Connor, Ross, Marin County. Location, northeast Broderick and Pine streets, covering an area of 137½ by 45 feet. Will contain 21 suites of three and four rooms. Work to be carried on under the supervision of J. C. Bateman, Balboa Bldg.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $35,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner's name withheld. Location, Sunset District. Will contain a number of residential apartments. Preliminary plans being prepared.

MODESTO, STANISLAUS CO., CAL.—Apartment house, 2 story and base, frame, $25,000. Architect, none. Owner, George Perley, Modesto. Location, 11th street, covering an area of 50 by 140 feet. Will contain stores on the first floor. Plans complete.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, James Cantley. Location Laguna street near Pine. Will contain a number of two, three and four room apartments. Plans being prepared and work to be done by Day Labor.

BONDS.

HANFORD, KINGS CO., CAL.—The county taxpayers have consented that the Supervisors should appropriate sufficient funds from the county general fund for the completion of the highway system as originally laid out. The cost of completing the proposed system is estimated at $100,000.

TURLOCK, STANISLAUS CO., CAL.—The $100,000 bond issue for a new high school building was defeated at an election held last week. It is probable that another election will be held and the matter presented under a different form.

OROVILLE, BUTTE CO., CAL.—Major A. F. Jones, President of the Board of Trustees of the Oroville High School, declares that a new high school building should be erected. Jones further states that the School Trustees are about ready to call an election to vote bonds to finance the proposed improvement.

HANFORD, KINGS CO., CAL.—The Hanford Water Company plans improvements as follows: $10,700 for laying 2,200 feet of 12-inch and 6,400 feet of 8-inch water mains. The State Railroad Commission has granted permission to the company to issue $27,500 of capital stock to provide funds for the above improvements and for payment of notes.

EL CENTRO, IMPERIAL CO., CAL.—The directors of the Imperial Irrigation District are considering ways and means of floating a bond issue of $2,500,000 to carry out the improvements recommended by C. E. Grimsby and G. G. Anderson, consulting engineers. The proposed improvements consist of the construction of a new intake, the dredging of a channel from the new structure to the Alamo channel and the construction of a number of structures north of the boundary line.

OAKLAND, CAL.—Superintendent of Schools A. C. Baker in a communication to the School Board urges that an election be called to vote bonds of $2,000,000 to extend the intermediate schools of the city.

ROSEVILLE, PLACER CO., CAL.—To purchase the present water system a bond issue of $80,000 is proposed. It is also planned to construct additions to the system.

SUNNYVALE, SANTA CLARA CO., CAL.—Bonds of $19,000 have been sold by the Board of Trustees. Of the $19,000 voted $15,000 will be used for extensions and improvements to the municipal water system and $4,000 for the erection of a fire house and the purchase of apparatus.

RICHMOND, CONTRA COSTA CO., CAL.—The City Council has sold $25,000 worth of highway bonds to a San Francisco firm. The proceeds of the sale will be turned into the tunnel and highway improvement fund which is nearly exhausted.

MODESTO, STANISLAUS CO., CAL.—The proposition of bonding the city to raise funds to finance the construction of a storm sewer system in this city is being discussed by the City Council, and it is very probable that immediate action will be taken. City Engineer Freitas has been instructed to prepare the preliminary data and submit the same at the next meeting of the Council.

BAKERSFIELD, KERN CO., CAL.—Bonds of $90,000 have been voted for school improvements. The improvements planned under the issue will

consist of additions for the present structures.

SAN FRANCISCO—The Pacific Pipe Line Company has petitioned the Railroad Commission for permission to issue $3,000,000 in bonds to finance construction of a pipe line from the Midway-Sunset oil fields in Kern County to Ventura Harbor, a distance of 67 miles.

VISALIA, TULARE CO., CAL.—The Tulare County Board of Supervisors has decided to launch a movement for a bond issue to provide funds to construct a county highway system. It is probable that an issue of $2,000,000, which will finance the construction of 200 miles of highway will be called.

KLAMATH FALLS, ORE.—The City Council has rejected bids received for the sale of $300,000 Strathorn Railroad bonds. The bonds will finance the construction of a railroad.

LOS BANOS, MERCED CO., CAL.—The Supervisors have ordered the sale of the $63,000 bond issue of the Los Banos School District.

SACRAMENTO, CAL. — The City Commission will probably call an election in June to vote bonds for providing the city with means for filtering the water supply.

RICHMOND, CONTRA COSTA CO., CAL.—The Richmond Municipal Water District will shortly call an election to vote bonds of $2,600,000 for the acquisition of a watershed in Marin County and for building a pipe line from a point below the proposed Alpine dam site of the Marin Municipal Water District to McNear's Point across the bay to Richmond.

SPARKS, NEV.—February 3rd is the date fixed when an election will be held to vote bonds of $30,000 for school improvements. To the amount voted $45,000 already available will be added, making a total of $75,000 for improvements.

SAN DIEGO, SAN DIEGO CO., CAL.—An election will be held March 6th to vote on the proposition of forming an irrigation district comprising the city of San Diego and the adjoining territory. The election will be held by the county officials.

MERCED, MERCED CO., CAL.—An election will be held in the Hillmar Colony Union High School District to vote bonds of $15,000 which will finance the construction of a new school.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Legar proceedings for the calling of an election to vote on a bond issue of $250,000 for the purchase of a high school site and the erection of new buildings, will be commenced at the next meeting of the school board, or at a special meeting of that body.

SAN DIEGO, SAN DIEGO CO., CAL.—An election will be held on February 2 to vote on a bond issue of $680,000 for the reconstruction of the Lower Otay dam.

OAKDALE, STANISLAUS CO., CAL.—The Oakdale and the South San Joaquin Irrigation Districts will call elections to vote bonds for the construction of a dam and reservoir on Stanislaus River below the town of Melones, to store about 100,000 acre-feet of water. The construction work would be in the property of James H. Cameron of San Francisco, and Dominguez Roleri of Angels Camp.

JEROME, ARIZ.—A special election will be held February 13, to vote on a bond issue of $50,000 for sewer construction work. T. L. Macleod is the city engineer.

SACRAMENTO, CAL.—On July 10th and 11th the voters of Sacramento will decide whether a total of over $4,150,000 in bonds shall be issued for construcion propositions here. Thomas Coulter, Commissioner of Public Works, has announced that over $2,500,000 of bonds for thirteen new school buildings will be voted upon the day following the election to provide $1,250,000 for a water filtration system. The proposition of bonds of $400,000 for a municipal auditorium will be voted upon at the same time.

BRIDGES AND DAMS.

SANTA CRUZ, SANTA CRUZ CO., CAL. — Bridges, reinforced concrete. Cost not stated. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. At the last meeting of the County Supervisors the clerk was authorized to call for bids for the construction of four bridges in the Pajaro Supervisorial District of this valley. One will be put in at the crossing of the College Creek at the junction of the College and Lakeview roads. The other three are located in the Green Valley District between the Hairpin curve and Mt. Madonna roads, each of which crosses the Green Valley Creek. Plans may be had from the County Clerk.

SALEM, ORE.—Bridge, steel or concrete, $250,000. Engineer's name not given. Owners, Marion and Polk Counties. It is announced that bids for a general contract involving the erection of the intercounty bridge spanning the Willamette River at Salem, between Marion and Polk Counties, will be invited and the contract let before May 1st. Plans have been prepared for some time. Alternate plans were drawn for both a steel and concrete structure, but it is thought hat a "high level" concrete viaduct will be specified.

SEATTLE, WASH.—Wharf dock, 1 story, mill construction, $350,000. Engineer, Chief Engineer, Union Pacific R. R. Co., Seattle. Owners, Union Pacific Railroad Co. Location, Foot of Dearborn street. Plans complete and figures to be called for about March 1.

CHURCHES.

RICHMOND, CONTRA COSTA CO., CAL.—Church, 1½ story and base, frame, $2,500. Architect, Francis Reid, Concord. Owners, First Christian Church. Location, Sixth street and Bissell avenue. Will contain main auditorium and Sunday school rooms. Plans complete and work to be done by Day Labor.

FERNDALE, HUMBOLDT CO., CAL.—Church, 2 story and base, frame, $7,500. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Congregational Church. Will contain main auditorium, Sunday school rooms and pastor's study. Plans ready for figures in about two weeks.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Factory, 1 story and base, brick. Cost not stated. Ar-

[illegible] Plans [illegible] Petition [illegible] and [illegible] other [illegible] complete and [illegible]

BERKELEY, ALAMEDA CO., CAL.—Factory, 2 [illegible] story frame [illegible] Architect, Edward T. [illegible] [illegible] S. F. [illegible] Co. Location [illegible] Plans complete [illegible] be done by Day Labor.

OAKLAND, CAL. [illegible] story and base, brick, $[illegible] [illegible] none. Owners, California Cotton Mills Co. Location, Railroad avenue and Cotton street. A contract for the brick work has been awarded to William Jones, 1011 Franklin street, Oakland, for $11,208, and the balance of the work will be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Factory, 1 story and [illegible] $6,500. Architect, W. J. Forsythe, 843 Van Ness avenue, S. F. Owner, Herbert F. Brown. Has been leased to a well known manufacturing firm. Plans complete and work to be [illegible] at once.

Contract Awarded.

FRESNO, FRESNO CO., CAL.—Warehouse, 2 story and base, $50,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Pacific Coast Grocer Association. Contractors, Trewhitt & Shields, Rowell Bldg., Fresno. Contract price, $50,000.

NORTH SACRAMENTO, CAL.—Factory, 1 story, brick and frame, $4,864. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Essex Lumber Co. Contractor, I. C. Boss, 914 27th street, Sacramento. Contract price, $4,864.

LOS ANGELES, CAL.—Market buildings and warehouses, 2, 6 story and 3, 1 story, reinforced concrete, $721,693.30. Architect, John Parkinson, Security Bldg., L. A. Owners, Los Angeles Terminal Co. Contractors, Wurster Construction Co., 802½ Central avenue, L. A. Contract price, $721,693.30.

GREAT FALLS, MONT.—Car repair shops, 1 story, reinforced concrete, $370,000. Engineer's name not given. Owners, Great Northern R. R. Co. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, $370,000.

SEATTLE, WASH. — Stack, brick. Cost not stated. Engineer's name not given. Owners, Tacoma Smelting Co. Contractors, Denny, Renton Clay and Coal Co., Hoge Bldg., Seattle. Contract price not stated. Note: The stack will be the tallest in the world, being 600 feet high with a base of 51 feet and the top 30 feet.

FIRE HOUSES AND JAILS.

TRACY, SAN JOAQUIN CO., CAL.—Fire house, 2 story and base, brick. Cost not stated. Architects, Sala & Mayo, Commercial and Savings Bank Bldg., Stockton. Owners, City of Tracy. Revised plans have been completed and new bids are now being called for. Bids will be opened on January 29th.

CRESCENT CITY, DEL NORTE CO., CAL.—Jail, 1 story [illegible] stated. Architect's name not given. Owners, Del Norte County. Plans for this building have been rejected and new plans will be [illegible]

GARAGES.

SAN FRANCISCO, Garage, 1 and 2 story and basement, reinforced concrete. Cost not stated. Architect, August G. Headman, Call Post Bldg., S. F. Owners, I. Ader Cleaning and Dying Works. Location, 1361 Folsom street, covering an area of 75 by 120 feet. Plans complete and bids being taken.

OAKLAND, CAL. Garage, 1 story and basement, brick, $1,000. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mr. Nor. Location, 1575 7th street. Designed for a commercial garage. Plans being prepared.

GOVERNMENT WORK & SUPPLIES.

Panama Canal Requisitions.

The purchasing officer of the Panama Canal will soon call for bids for furnishing the following supplies for the Panama Canal:

A quantity of black, brass and cast-iron pipe fittings, a quantity of cast-iron soil pipe, 750 brass closet bolts, 500 brass sink bolts, 300 brass toggle bolts, 800 clean-outs, 150 ball cocks, 500 brass bibb cocks, 105 brass steam cocks, 200 brass corporation stopcocks, 200 brass shower stopcocks, 50 sets brass couplings, 200 brass ferrules, 100 brass clean-outs, 50 copper ball floats, 100 copper ring gaskets, 150 copper asbestos gaskets, 400 hangers and plates, 50 brass vent hubs, 200 cast-iron lavatories, 12 double test plugs, 300 wash-tray plugs, 100 plugged test rubbers, 500 brass closet screws, 100 iron kitchen sinks, 25 slop sinks, 50 sink strainers, 400 lead traps, 50 offset traps, 50 urinals, 50 brass angle valves, 381 brass gate valves, 300 brass globe valves, 1,500 fiber washers, 25 bath wastes and overflows.. . A quantity of railings and gates for school buildings, 1 pair ornamental wrought-iron gates, frame and transom, and iron panels; 11,000,000 pounds structural steel for pier No. 6, 2,500 brass bolts, 20,000 pounds steel truck bolts, 75 floor brushes, 10 hand cars, 300 hinged hasps, 360 cabin-door hooks, 300 pounds copper nails, 190,000 square feet unstiffened galvanized wire lath, 48 boiler punches, 50 pounds rivets and burrs, 5 coin safes, 8 drill steel sockets, 30 pieces structural steel channels, 25 bars ("T") structural steel, 12 boiler taps, 100 pounds galvanized roofing nails.

Portland, Ore., Mechanical Equipment.

As previously reported, the contract for installing mechanical equipment in the U. S. post office at Portland, Ore., has been awarded to J. F. Shea, Portland, Ore., who will use automatic temperature controllers manufactured by Cromwell Co., in the prosecution of the work.

Phoenix, Ariz., Awnings.

The Phoenix Tent and Awning Co., Phoenix, Ariz., has been awarded the contract for furnishing awnings for the U. S. post office at Phoenix, Ariz., at $500.

Boulder, Colo., Repairs, Etc.

The custodian U. S. post office, Boulder, Colo., received the following bids January 2, for making repairs to main entrances:

C. O. Van Note Boulder, Colo., $690; time, 40 days.

John A. Nelson, $725.

Geo. H. Murch, Boulder, Colo., $990.

Grohne Contracting Co., Joliet, Ill., $1,371, time, 120 days.

Tender, Sequoia, Repairs, Etc.

The following bids were received by the lighthouse inspector, San Francisco, Cal., for making repairs, overhauling and docking the lighthouse tender Sequoia:

Union Iron Works, San Francisco, Cal., item 1, necessary items, $825.65; 2, optional items, $135.40; time, 10 days.

Moore & Scott Iron Works, San Francisco, Cal., item 1, $900; 2, $135; time, 10 days.

Hanlon Dry Dock and Shipbuilding Co., Oakland, Cal., item 1, $826.05; 2, $135.40; time, 10 days.

Navy Yard, Mare Island, Cal., $590; time, 10 days, accepted.

Oakland Harbor, Dredging.

The bid of the San Francisco Bridge Co., of San Francisco, Cal., $76,368 in amount has been accepted for dredging in Oakland Harbor, Cal.

San Francisco, Cal., Shelving.

The contract for installing shelving in the U. S. custom house, San Francisco, Cal., has been awarded to Thos. F. Dowd, at $808.

Wooden Pontoons.

Bids for 20 wooden pontoons for U. S. dredges, Sacramento and San Joaquin were received by the U. S. engineer officer, San Francisco, as follows:

Wm. S. Brusstar, foot of Derby avenue, Oakland, Cal., $9,980.

Schultze & Schultze, 1151 Evans avenue San Francisco, Cal., $9,500.

Joseph Supple, foot of Belmont street, Portland, Ore., $6,640.

U. S. Navy Yard, Mare Island, Cal., $11,650.

B. P. Lanteri, Pittsburg, Cal., $8,044.

John Monk & Son, 316 Sharon Bldg., San Francisco, Cal., $8,340.

Hanlon Dry Dock and Shipbuilding Co., (Inc.), foot of Fifth avenue, Oakland, Cal., $9,580.

MARE ISLAND, CAL.—Machine shop, 1 story, steel frame, $100,000. Engineer, Carl A. Carlson, Mare Island. Owners, United States Government. Bids will be opened on February 5th by the Bureau of Yards and Docks, Washington, D. C., for a building 60 feet high and covering an area of 120 by 120 feet. Plans can be secured from the office of the engineer.

HALLS AND SOCIETY BUILDINGS.

SAN MATEO, SAN MATEO CO., CAL.—Country club, 1 and 2 story, frame and concrete, $50,000. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, Lakeside Country Club. Location, near Lake Merced. Will contain living rooms, large banquet room, social halls, etc. Plans are being prepared.

LOS BANOS, MERCED CO., CAL.—Lodge hall, 2 story and base, reinforced concrete, $16,000. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Odd Fellows' Hall Association. Will contain three stores on the first floor and lodge rooms above. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Addition to club house, 1 story, frame, $7,000. Architect's name not given. Owners, Sunnyside Country Club. This addition will consist of a large ball room. Plans are being prepared.

HOSPITALS.

AGNEWS, SANTA CLARA CO., CAL. Hospital cottage, 1 story, concrete, $18,933. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Monson Bros., 1907 Bryant street, S. F., presented the lowest figure for this work and will probably be awarded the contract. A complete list of the bids will be found under the heading of Bids Opened in this issue..

MARTINEZ, CONTRA COSTA CO., CAL.—Hospital, 1 story, reinforced concrete. Cost not stated. Architect, Guy T. Smith. Owners, Contra Costa County. Bids will be opened on February 19th for this building. Plans show eleven wards. Complete information can be secured from the County Clerk.

CRESCENT CITY, DEL NORTE CO., CAL.—Hospital, 1 story, frame, $2,460. Architect, none. Owners, Del Norte County. All bids for this building have been rejected. Plans will be revised and new figures called.

Contract Awarded.

SAN FRANCISCO—Hospital sterilizers, $8,185. Architect, none. Owners, City and County of San Francisco. Contractors, Scott Co., 243 Minna street, S. F. Contract price, $8,185.

HOTELS.

LAKE TAHOE, CAL.—Hotel, 2 story, frame, $50,000. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owners, Bjou Inn Co. Will contain 60 rooms and 40 baths, large dining room and lobby. Plans being prepared. A one-story club house will also be erected.

YOSEMITE VALLEY, CAL.—Hotel, etc., 3 story, granite and frame. Cost not given. Architect, Edwin J. Symmes, Pacific Bldg., S. F. Owners, Desmond Park Service Co. Will contain 200 rooms, about 80 per cent of which will have private baths. There will also be a large lobby, dining room and office. In addition to the hotel the Desmond Park Service Co. will erect a two-story frame store building, containing the executive offices of the company on the second floor; a one-story frame garage and machine shop, and a 1½ story frame and stone chalet, containing about 40 rooms. The latter building will be erected at the Mariposa Big Trees. A total of $240,000 will be spent in construction during 1917 by the Desmond Park Service Co. Construction will be started about April 15th.

Contract Awarded.

SEATTLE, WASH.—Hotel addition, 1 story, brick and steel, $150,000. Architect's name not given. Owners, Rainier Grand Hotel Co. Contractors, Hurley-Mason Co., Worcester Bldg., Portland. Contract price, $150,000.

IRRIGATION PROJECTS.

MERCED, MERCED CO., CAL.—Irrigation work. Cost not stated. Engineer, Stovall, Merced. Owners, Crock-

er-Huffman Land and Water Co. The Crocker-Huffman Land and Water Co. has commenced on the construction of a $10,000 spillway at the end of the Livingston canal of the company's irrigation system. The spillway is located at the ranch of Frank McConnell near Livingston, and its purpose is to enable the water to be spilled back into the river in case of a break in the canal. The company is preparing to establish a second construction camp in the Livingston vicinity to commence rebuilding the canals of the system there. Another work to be undertaken soon will be the rebuilding of the barns, granary and other structures on the Bellevue ranch, which were destroyed by fire recently. The plans are now being prepared by S. L. Stovall, recently of Visalia, who recently was appointed chief construction engineer for the Crocker-Huffman institution. Engineer Stovall is directing the improvements at Livingston.

WATERFORD, STANISLAUS CO., CAL.—Irrigation work. Cost not stated. Engineer, Chief Engineer, Waterford. Owners, Waterford Irrigation District. Bids will be opened on February 19th at 10 a. m. for the following work: To construct portions of the main canals of the Waterford Irrigation District. Proposals will be received on three separate sections of the work, which shall be known and described as follows, to wit: Section No. 8, which is that portion of the distributing system known and described as Lateral "B." Section No. 9, which is that portion of the distributing system known and described at Lateral No. 2. Section No. 10, which is that portion of the distributing system known and described at Lateral No. 3.

FRESNO, FRESNO CO., CAL.—Irrigation pipe lines, reinforced concrete, $400,000. Engineer's name not given. Owners, M. and E. Allen, Fresno. Contractors, Bent Bros. Construction Co., Central Bldg., L. A. Contract includes 125 miles of concrete pipe, mostly 16-inch hand-made pipe.

POST OFFICES.

BAKERSFIELD, KERN CO., CAL.—Post office, 2 story and base, brick, stone and steel, $134,000. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Grant Fee, 2440 16th street, S. F., presented the low figures for this work at $134,000. and will probaly be awarded the contract. A complete list of the bids will be found under the heading of Bids Opened in this issue.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 1 story and base, frame, $4,000 each. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, east Borica north Urbano Drive. Each dwelling will contain eight rooms, two baths and separate garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $8,500. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owner, Mr. Quill. Location, Claremont Court. Will contain eight rooms, two baths and separate garage. Plans complete and figures being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, $2,500. Architect, none. Owner, W. J. Keenan, Atalaya Terrace, S. F. Location, west 32nd avenue north California. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 6, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, south Allston west Browning. Each dwelling will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, W. L. Broderick, 1201 Colusa avenue, Berkeley. Owner, J. S. Hanson. Location, Joseph near Hopkins. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $9,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Robert Newman. Will contain eight rooms, two baths and separate garage. Plans complete and figures being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, east 28th avenue south Sausal Creek. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 2, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, north Arkansas east Curran. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor..

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owners, Lewis and Mitchell, 1520 Broadway, Oakland. Location, west Auseon avenue south Plymouth. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 3, 1 story and base, frame, $1,500 each. Architect, none. Owner, A. Hunse, 4454 Fleming avenue, Oakland. Location, north Fleming avenue east Courtland. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $20,000. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Mr. H Fletcher. Will contain twelve rooms, three baths and separate garage. Plans being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Residences, 3, 1 story and base, $2,000 each. Architect, none. Owner, George H. Noble, 2220 Central avenue, Alameda. Location, 1500, 1504 and 1514 Verdi street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, Walter Mork, 2827 8th street, Berkeley.

[illegible] CAL. Residence, 1 story and base, frame, $[illegible]. Architect, none. Owner, [illegible] Location, [illegible] Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, John Gelder, [illegible] West street Oakland. Location, north 45th street west West street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owner, Edward Sigueria, 2432 East 14th street, Oakland. Location, southeast 16th street west Fruitvale avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, B. H. Stronf, 5649 College avenue, Oakland. Location, west Shafter north Forest. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Residence, 1 and 2 story and base, frame, $30,000. Architect, Edward J. Symmes, Pacific Bldg., S. F. Owner, Charles C. Moore. Location, High street. Designed for a country home and will contain fourteen rooms, four baths and sleeping porch. Separate garage. Plans complete and work to be carried on under the direction of Miss L. F. Martin

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 2, 1 story and base, frame, $1,800 each. Architect, F. D. Wolfe, Bank of Italy Bldg., San Jose. Owner, Carl Meuhr. Location, Locust and Park streets. Each dwelling will contain five rooms, bath and sleeping porch. Plans being prepared.

WARM SPRINGS, SANTA CLARA CO., CAL.—Residence alterations and additions, 2 story, frame, $5,500. Architect, F. D. Wolfe, Bank of Italy Bldg., San Jose. Owner, Mr. Curtner. Work will consist of adding a bath room and interior alterations. Plans being prepared.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, $1,200. Architect, none. Owner, S. A. Boltz, 2216 23rd street, Sacramento. Location, 1315 48th street. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $6,000. Architect, none. Owner, W. J. Keenan, Atalaya Terrace, S. F. Location, north Union street west Pierce street. Will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, J. P. Nessen, 1046½ Keith avenue, Berkeley. Location, west Magnolia north 30th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. Residence, 1 story and base, frame, $[illegible]. Architect,

[illegible] street, Oakland, [illegible] Santa Clara avenue. Will contain nine rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $7,000. Architect, none. Owner, Patrick Wiest, 1102 12th street, Oakland. Location, north 17th street west Kirkham. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, I. Ariel Kellogg, [illegible] Benvenue street, Oakland. Location, west Oxford north Hopkins. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

CORONADO BEACH, SAN DIEGO CO., CAL.—Residence, 2 story and base, hollow tile. Cost not stated. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner's' name withheld. Location, near Hotel Del Coronado. Will contain sixteen rooms and four baths. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL.—Residence, 2 story and base, hollow tile, $20,000. Architect, Charles D. Wagner, Story Bldg., L. A. Owner, Luther Lindauer. Location, northeast 7th street and Serrano avenue. Will contain fourteen rooms and three baths. Plans being prepared and work to be done by Day Labor under the supervision of the architect.

SAN FRANCISCO.—Residence, 1½ story and base, frame, $2,000. Architect, none. Owner, Edward Borchin, 221 Lisbon street, S. F. Location, east Lisbon south Excelsior. Will contain five rooms and bath.. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, Mrs. H. B. Hyatt, 202 Macdonald avenue, Richmond. Location, 6th street between Ripley and Pennsylvania. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

FALLBROOK, SAN DIEGO CO., CAL.—Residence, 1 and 2 story, hollow tile, $150,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner's name withheld. Designed for a ranch house and will contain twelve rooms, three baths and sleeping porches. Included in this work will also be warehouse 80 by 40 feet and refrigerating plant. The latter two buildings will be of reinforced concrete. Plans are being prepared.

SCHOOLS.

PORTLAND, ORE.—School, 3 story and base, brick and reinforced concrete, $130,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. Will cover an area of 70 by 205 feet. Besides the class rooms the building will contain an auditorium seating 2,048 people and a cafeteria in the basement seating 537 people. Plans are being prepared.

BELMONT, SAN MATEO CO., CAL.—School, 1 story, frame and plaster, $18,000. Architect, Norman R. Coulter, 46 Kearny street, S. F. Owners, Belmont School District. Will contain four class rooms and two open air play rooms which may be converted into class rooms. Plans are being prepared.

TUCSON, ARIZ. College building, 2 story and base, brick and steel, $150,000. Architect, J. B. Lyman, Timkin Bldg., San Diego. Owners, University of Arizona. Will cover an area of 200 by 200 feet and has been designed for a Mines and Engineering Building. Plans being prepared.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO.—Electric lighting system. Cost as follows. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Five sets of bids were received by the Constructing Quartermaster at Fort Mason Wednesday for installing an electric lighting system for the officers' quarters at the Presidio. The Turner Co. presented the lowest figure at $3,335, which amount is in excess of the estimated cost. Bids will probably be rejected.

BERKELEY, ALAMEDA CO., CAL.—Sidewalk construction. Cost not stated. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. Bids will be opened on January 26th at 10 a. m. for street improvements authorized under the following resolution: That a cement sidewalk 6 feet wide be constructed in the southern sidewalk area of Cedar street, from San Pablo avenue to Chestnut street.

RICHMOND, CONTRA COSTA CO., CAL.—Boulevard. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans for improving a ten-foot strip on either side of the car tracks on Garrard boulevard, from Ohio street to the point, have been completed by the City Engineer, and bids will be called for shortly by the Council.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. The City Council are making preparations providing for the improvement of Ocean View avenue and Bay street. Bids on the work will probably be called within the next few weeks.

EUREKA, HUMBOLDT CO., CAL.—Street improvement. Cost as follows. Engineer, City Engineer, Eureka. Owners, City of Eureka. The bid of Elsemore & Jacobs, of Eureka, at $1,143 for the improvement of Broadway was rejected by the City Council and new bids were ordered received on the same specifications.

BAKERSFIELD, KERN CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids will be opened on January 29th for street improvements authorized under the following resolution: That Summer street, between Kern street and Union avenue, be graded and subbase tamped; and that a cement concrete pavement, with bithulithic wearing surface; cement concrete curbs and gutters; cement concrete culverts covered with corrugated iron and provided with cast iron manhole frames fitted with steel covers, be constructed thereon between the points hereinbefore designatd.

BAKERSFIELD, KERN CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. At the last meeting of the County Supervisors the Board instructed the Clerk to advertise for bids for the construction of division 9, section 5, of the Bakersfield-Glennville road. Bids will be received until 10:30 February 6th. Bids were also asked for the construction of another section of the same road and will be received until 11 o'clock February 6th. Plans may be had from the County Clerk.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Sewer system. Cost as follows. Engineer, City Engineer A. B. Cook, Santa Barbara. Owners, City of Santa Barbara. Plans for handling the sewage problems of the city and embracing work with an estimated cost of $85,000 have been submitted to the Council and City Engineer A. B. Cook, by Frank S. Gillelen, member of the Los Angeles sanitary engineering firm of Olmsted & Gillelen. The engineering features of the proposed work call for the erection of a plant for the treatment of sewage, the laying of a 1500-foot outfall line into the ocean, changes to care for the sewage flow in the lower section of the city, and the relaying of pipe lines to eliminate the costly pumping of sewage from the western and most heavily populated section.

PORTLAND, ORE. — Sewer reconstruction. Cost not stated. Engineer, City Engineer, Portland. Owners, City of Portland. For the second time bids have been rejected by the City Council for the reconstruction and repair of the Tanner Creek sewer. New bids will probably be called after plans have been somewhat revised. Giebisch & Joplin of Portland submitted the lowest bid at each call.

ALAMEDA, ALAMEDA CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Alameda. Owners, City of Alameda. Bids will be opened on February 5th at 8 p. m. for the improvement of Works street, from Webster street to the Southern Pacific Company's right of way, as follows: That the entire width be graded, that redwood curbing, 4"x12" in cross section dimension, be laid along the curb lines of said street; that grouted rock gutters of the "flat pattern" 2 feet 6 inches in width and 6 inches thick, be constructed along the roadway side of and contiguous to said curbing; that the remaining portion of the roadway, between said limits, be macadamized with oil macadam 10 inches thick.

FRESNO, FRESNO CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be opened on February 5th for street improvements authorized under the following resolutions: That Inyo street, from the north line of Van Ness avenue to the southwest line of Santa Fe avenue in the city of Fresno, be graded, curbed and guttered with cement concrete curb and gutter, and paved with a pavement consisting of a 5-inch cement concrete base and a 2-inch bithulithic wearing surface, and culverted with corrugated iron culverts.

That the alley in block 88 of the city of Fresno from the northwest line of Stanislaus street to the southeast line of Calaveras street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a bi-

bituthic wearing surface 1½ inches thick.

That the alley in block 86 of the city of Fresno from the northwest line of Merced street to the southeast line of Tuolumne street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a bituthic wearing surface 1½ inches thick.

Bids must be accompanied by a certified check of 10 per cent payable to Mayor of the city. W. H. Ryan is City Clerk and from whom plans may be had.

MODESTO, STANISLAUS CO., Cal.—Street improvements. Cost not stated. Engineer, City Engineer George Freitas, Modesto. Owners, City of Modesto. At the last meeting of the Modesto City Council plans and specifications as drawn by the City Engineer were adopted for paving with 4-inch concrete base and 1½-inch bitulithic surface, 16th street, from I to Needham; L street, from 9th to 10th, and 10th street, from L to Needham. Plans and specifications for paving with the same materials were ordered for 11th street, from K to L, and for 13th street, from K to L. Plans for paving 20 feet wide were also ordered for the Maze road and H street to connect with Paradise road, and 14th and Gerard to connect with the Waterford road, the improvements being necessary in order to have approaches to the city in keeping with the county highways from these directions.

COLUSA, COLUSA CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Colusa. Owners, City of Colusa. Bids will be opened on February 5th at 7:30 p. m. for street improvements authorized under the following resolution: That Clay street, from 9th to 8th street; Jay street, from 12th street to 11th street, and from 11th street to 10th street; 9th, from Jay street to Oak street; Oak street, from 9th to 8th street, for a width of 48 feet, being 24 feet on each side of the center line, be graded to the official grade and graveled.

SALINAS, MONTEREY CO., CAL.—Electrolier system. Cost not stated. Engineer, C. T. Phillips, Pacific Bldg., S. F. Owners, City of Salinas. The system will require 65 ornamental electroliers, underground conduit and the construction of a one-story reinforced concrete substation. Bids will shortly be called.

SEATTLE, WASH.—Highway construction. Cost as follows. Engineer, County Surveyor, Seattle. Owners, King County. Plans have been completed by County Engineer Sam Humes for the construction of two highways which will aggregate a cost of between $100,000 and $150,000. The largest improvement calls for a concrete or brick paved road between the Duwamish River and Renton Junction to cost between $75,000 and $125,000, known as Permanent Highway No. 3-A. Eight alternative propositions will be bid upon, including brick block, brick monolithic, brick on various depths of concrete base, and one-course concrete. Bids for this will be opened by the county commissioners on February 27th. The road will be 20 feet wide. The road under the latest contract calls for 3¾ miles of paving. Bids on Permanent Highway No. 15 will be opened on February 26th and involves 1⅛ miles of one-course pavement between Duvall and Novelty. Cost about $20,000.

ALAMEDA, ALAMEDA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer. Alameda. Owners, City of Alameda. Bids will be opened on February 6th for street improvements authorized under the following resolution: That the entire width of said street (referred to in resolution of intention No. 35 N. S.) be graded; that redwood curbing 4"x 12" in cross section dimensions, be laid along the curb lines; that grouted rock gutters of the "flat pattern," 2 feet 6 inches in width and 6 inches thick, be constructed along the roadway side of and contiguous to said curbing; that the remaining portions of the roadway between said limits be macadamized with oil macadam 10 inches in thickness.

Contract Awarded.

SAN FRANCISCO—Street improvements. Cost as follows. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. The following contracts for street improvements have been awarded by the Board of Public Works: The construction of sewers and appurtenances in Orizaba street, from Palmetto street to Stanley street; and in Stanley street, from Orizaba street to Junipero Serra Boulevard, and in the Merced lands of the Spring Valley Water Company. Awarded to D. L. Bienfield, Phelan Bldg., S. F., for $28,512.22.

The improvement of Oakdale avenue, between Selby street and Quint street, by the construction of granite curbs, resetting the existing granite curbs, artificial stone sidewalks, catchbasins, with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed ironstone pipe culverts; a 12-inch, vitrified, salt-glazed, ironstone pipe sewer, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy, 404 First National Bank Bldg., S. F., for $17,257.70.

The improvement of 35th avenue, between Geary street and a line 300 feet south therefrom, by the construction of a seven-foot strip of vitrified hillside brick pavement on a concrete foundation adjacent to the center line, and the improvement of 35th avenue, between Geary and Anza streets, by the construction of concrete curbs, an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to D. L. Bienfield, Phelan Bldg., S. F., for $679.25.

For the construction of an outfall for the Jackson street sewer at Pier No. 3. Awarded to the Contra Costa Construction Co., 330 10th street, S. F., for $7,700.

The improvement of 20th street, between Hampshire street and Potrero avenue, by the construction of concrete curbs, a 14-foot central strip of vitrified brick pavement and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to D. O. Church, 68 Post street, S. F., for $2,552.

The improvement of the west side of Juniper street, between Harrison and Bryant streets, by the construction of artificial stone sidewalks of the full official width where not already con-

[illegible] sewer, having an internal [illegible] be constructed as follows: Beginning at the existing manhole at the intersection of the center line of Filbert street with the south line of 7th street, running thence in a direct line to a point on the east line of Filbert street distant three feet north from the south line of 7th street, thence east parallel to the south line of 7th street, 155 feet; also that 2 vitrified pipe lampholes with tops of brick and cast iron be constructed; also that Y branches, having a 5-inch opening, be constructed on said sewer, so as to provide one such branch for each 25-foot lot and fractional lot remaining." Awarded to G. Melech, 2187 Shattuck avenue, Berkeley.

That East 12th street, fram 23rd avenue to 24th avenue, and 24th avenue, from East 12th street to East 14th street, each be graded, curbed with concrete, guttered with brick gutters 14 inches wide and paved with asphalt; also that a cast iron and concrete culvert, having two granite header blocks, be constructed. Awarded to Clark & Henery Construction Co., First Savings Bank Bldg., Oakland.

That 16th street, fram Market street to Adeline street, and from Kirkham street to the east line of Peralta street, be graded, curbed with concrete, paved with asphalt and guttered with brick gutters 14 inches wide; also that six brick catchbasins, three brick manholes, two sewers, having internal diameters of 8 inches; six conduits, having internal diameters of 10 inches; a lamphole with brick and cast iron top and Y branches, having 5-inch openings. All conduits, sewers, Y branches and lampholes (excepting the tops of the lampholes) shall be constructed of vitrified sewer pipe. Awarded to The Oakland Paving Co., 5000 Broadway, Oakland.

FRESNO, FRESNO CO., CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Fresno. Owners, City of Fresno. At the last meeting of the City Council, the contracts for paving the alleys in blocks 80 and 87 were awarded to Thompson Bros., 1514 H street, Fresno, whose bids were 2 cents per square foot for grading, 14.9 cents for paving a square foot and 16 cents a foot for curbing. Other bidders were the Worswick Street Paving Co., Clark & Henery, Federal Construction Co. and the California Road and Street Improvement Co.

[illegible] KERN CO., CAL.—Street paving, $16,948.50. Engineer City Engineer, Bakersfield. Owners, City of Bakersfield. Contractors, [illegible] 1514 H street Fresno. Contract price, $16,948.50.

[illegible] FRESNO CO., CAL.—[illegible] Engineer, City Engineer, Fresno. Owners, City of Fresno. Contractors, Valley States Electric Co., Fresno. Contract price, $6,950.

MARTINEZ, CONTRA COSTA CO., CAL.—Street improvements. Cost as

follows Engineer, City Engineer, Martinez. The Town Trustees have awarded a contract to O'Brien Bros., Main street, Martinez, for the following work: That cement sidewalks be constructed on both sides of Thompson street, from Bercadlesa street to Mason street. The prices were: For constructing redwood, 12c per lineal foot. For constructing cement sidewalks, except curved ends, 12c per square foot. For constructing curved ends of cement sidewalks, 40c per lineal foot.

VALLEJO, SOLANO CO., CAL.—Street improvements. Cost not stated. Engineer's name not given. Owners, East Vallejo Annex Realty Co., Humboldt Bank Bldg., S. F. Contractors, Worswick Construction Co., Vallejo. Contract covers 50 blocks. Contract price not stated.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Crushed rock. Cost as follows: Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. The Granite Rock Co., Salinas, Cal., has been awarded a contract by the County Supervisors for furnishing crushed rock for the ensuing year. They submitted the same bid as last year, which was $.80 per ton on rock and $.40 per ton on the screenings or waste.

FILLMORE, VENTURA CO., CAL.—Street improvement. Cost as follows. Engineer, City Engineer, Fillmore. Owners, City of Fillmore. The City Trustees have awarded a contract to The Crown Contracting Co. for street work as follows: The improvement of portions of Blaine avenue, 3rd street, 1st street, Sespe avenue, Main street, Santa Clara street, Ventura street, A street, Orange Grove avenue, Fillmore street, Saratoga street and Mountain View street, described in resolution of intention No. 6. The price for the work is as follows: Grading, per lineal foot, 50c; curb, class B, per lineal foot, 20c; sidewalk, per square foot, 8c.

HANFORD, KINGS CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Hanford. Owners, Kings County. The contract for the construction of the unit of improved highway from Douty street in this city to the Alcorn bridge, five miles north, and the unit through the Aydelott and Phillips ranches northwest of this city, has been awarded by the Board of Supervisors to Blanchard & Brown, 660 Market street, S. F. When the highway commission was about to recommend a rejection of the bid, the bidders agreed to make a cut in the grading price and the price of laying the pavement. The cut in grading was from 85 cents to 75 cents per cubic yard for the grading, and from 4.6 cents to 4.5 cents per square yard for laying the paving. The width is specified as 16 feet.

REDWOOD CITY, SAN MATEO CO., CAL.—Highway grading, $3,556.30. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractor, P. H. McEvoy, Railroad avenue, Menlo Park. Contract price, $3,556.30.

SAN FRANCISCO—Street improvements. Cost as follows. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. A contract has been awarded for the improvement of Leavenworth street between Chestnut and Francisco streets and the crossing of Francisco and Leavenworth streets, by grading, construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances and brick manholes: An [illegible]-inch sewer with 11 Y branches and 4 manholes; by the construction of brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified,, salt-glazed, ironstone pipe culverts; granite curbs and artificial stone sidewalks; a reinforced concrete retaining wall with armored offsets; a vitrified brick pavement; a 14-foot central strip of brick pavement, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2½-inch asphaltic wearing surface upon the remainder of the roadway thereof. Awarded to D. L. Bienfeld, Phelan Bldg., S. F., for $17,575.65.

STORES AND OFFICES.

SAN FRANCISCO—Store addition, 1 story, Class A construction, $100,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Bankers' Investment Co. Location, southeast Grant avenue and Geary, known as the Magnin Bldg. Contract for structural steel awarded to the California Steel Co. Contract price, $20,000. Other parts of the work being figured.

SAN FRANCISCO—Stores, 2 story and base, brick and steel, $18,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, L. A. Meyer. Location, north Pine east Franklin, covering an area of 42½ by 137½ feet. Designed for a storage battery company. Plans complete and figures being taken.

BAKERSFIELD, KERN CO., CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, none. Owners, Kern Plumbing Co. Location, 950 Baker street, covering an area of 30 by 90 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

SAN FRANCISCO—Auto sales rooms and offices, 4 story and base, reinforced concrete, $90,000. Architects and Engineers, MacDanald & Kahn, Rialto Bldg., S. F. Owner, M. Neustadt. Location, Van Ness avenue and Sacramento street. Will contain 10,000 square feet to each floor. Contractors, MacDonald & Kahn, Rialto Bldg., S. F.

FRESNO, FRESNO CO., CAL.—Stores and offices, 6 story and base. Class A construction, $151,000. Architect, Eugene Mathewson, Cory Bldg., Fresno. Owner, Mrs. Nellie Mason. Contractors, Riggins & Palmer, Fresno, represented in San Francisco by P. A. Palmer, Monadnock Bldg. Contract price, $151.000. Plumbing awarded to Barrett-Hicks Co., Fresno, for $24,800.

THEATRES.

SAN FRANCISCO — Theatre and stores, 2 story and base, reinforced concrete, $85,000. Architect, W. H. Weeks, 75 Post street, S. F. Owner, J. R. Saul. Location, south Clement street east 8th avenue. Will contain several stores and a large motion picture theatre. Plans nearly complete and figures to be called for shortly.

SEALED PROPOSALS

PROPOSALS FOR BLOWERS.

BLOWERS—Sealed proposals for the furnishing of three air blowers of 4,000 cubic feet capacity, direct connected to electric motors, delivered at Summerland, Cal., will be received at this department until **noon January 30, 1917.** Blank forms and specifications may be obtained from the chief clerk of the department. Envelopes containing proposals should be indorsed "Proposals for Air Blowers" and addressed to the board of awards, Department of Agriculture, Washington, D. C.

PROPOSALS FOR MOTORS.

MOTORS—Sealed proposals for the furnishing of fourteen motors ranging from 2 to 20-horsepower for alternating current, various speed types, delivered at Summerland, Cal., will be received at this department until **noon January 30, 1917.** Blank forms and specifications may be obtained from the chief clerk of the department. Envelopes containing proposals should be indorsed "Proposals for Motors" and addressed to the board of awards, Department of Agriculture.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., Jan. 15, 1917.—SEALED PROPOSALS will be opened in this office **at 3 P. M. Feb. 28, 1917,** for the construction of the United States Post Office at Fort Morgan, Colo. Drawings and specifications may be obtained after Jan. 22, 1917, from the custodian of site at Fort Morgan, Colo., or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect. (*)

PROPOSALS FOR BUILDING MATERIALS.

BUILDING MATERIALS—Office of the Depot Quartermaster, Fort Mason, San Francisco, Cal.—Sealed proposals will be received here until **12 noon January 26, 1917,** for large quantities of building materials for Schofield Barracks, H. T., including Douglas fir and redwood lumber, cedar shingles, Portland cement, metal lath, reinforcing steel, galvanized iron sheets, iron work for trusses, plumbing, painting and roofing materials, cold storage doors, cork insulation, terra cotta chimney flues and other miscellaneous materials. Information on application.

RECEIVE FIGURES FOR OPEN AIR COTTAGE.

Bids Opened For Cottage at State Hospital at Agnews Show Monson Bros. Low Bidders.

(By Special Wire)

SACRAMENTO, Cal.—Bids were opened today by the State Board of Control for constructing an open air cottage at the Agnews State Hospital near San Jose. Monson Bros., 1907 Bryant street, San Francisco, presented the lowest bid at $18,937, and will probably be awarded the contract. A complete list of these bids follow:

Open Air Cottage.

Monson Bros., S. F.	$18,937
Anderson & Ringrose, S. F.	19,847
Louis Cereghino & Son, S. F.	19,876
L. G. Bergren & Son, S. F.	19,972
R. W. Littlefield, Oakland	20,957
Geo. W. Boxton & Son, S. F.	20,998
F. L. Hansen, S. F.	21,445
Harvey A. Klyce, S. F.	21,796
Morrison Bros., S. F.	21,900
Stockholm & Allyn, S. F.	22,577
Mahony Bros., S. F.	26,800

Estimated Cost, $20,200.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

ELECTRIC LIGHTING SYSTEM—Cost as follows. San Francisco. Engineer, Constructing Quartermaster Fort Mason. Owners, United States Government. Five sets of bids were received by the Constructing Quartermaster at Fort Mason Wednesday for installing an electric lighting system for the officers' quarters at the Presidio. The Turner Co. presented the lowest figure at $3,335, which amount, is in excess of the estimated cost. Bids will probably be rejected.

APARTMENT HOUSE—3 story and base, frame, $22,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, 17th street west of Church. Will contain two and three room suites. Bids on revised plans in and contract to be awarded to Mathew A. Little.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, J. G. Kincannon, 3040 Steiner street, S. F. Location, southwest Clayton and Grove streets, covering an area of 40 by 93½ feet. Will contain twelve suites of three and four rooms. Plans complete and work to be done by Day Labor.

STORES AND APARTMENTS — 3 story and base, frame, $10,000. San Francisco. Architect, none. Owner, Thomas Scoble, 363 14th avenue, S. F. Location, south Geary east 19th avenue, covering an area of 30 by 80 feet. Will contain one store and several two and three room apartments. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE ALTERATIONS—3 story and base, frame, $18,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, Miss C. Chariot. Location, 1950 to 1960 Post street. The present three-story frame flats will be altered into 18 modern apartments, each of two rooms and bath. Plans complete and bids being taken.

APARTMENT HOUSE—4 story and base, reinforced concrete, $32,000. San Francisco. Architect, E. P. Antonovich, 20 Montgomery street, S. F. Owner, Michael Dempniak, 1828 Hyde St., S. F. Location, north Eddy 275 west Larkin, covering an area of 25 by 120 feet. Will contain 24 suites of two and three rooms. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architect, none. Owner, R. O'Connor, Ross, Marin County. Location, northeast Broderick and Pine streets, covering an area of 137½ by 45 feet. Will contain 21 suites of three and four rooms. Work to be carried on under the supervision of J. C. Bateman, Balboa Bldg.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architects, J. C. Hladik, Monadnock Bldg., S. F. Owner's name withheld. Location, Sunset District. Will contain a number of residential apartments. Preliminary plans being prepared.

RESIDENCES—4 story and base, frame, $4,000 each. San Francisco. Architect, [illegible] Owners, Urban Realty Co. Location, east Borica north Urbano Drive. Each dwelling will contain eight rooms, two baths and separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $8,500. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Mr. Quill. Location, Claremont Court. Will contain eight rooms, two baths and separate garage. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame, $2,500. San Francisco. Architect, none. Owner, W. J. Keenan, Atalaya Terrace, S. F. Location, west 32nd avenue west California. Will contain six rooms, bath and basement garage.. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $6,000. San Francisco. Architect, none. Owner, W. J. Keenan, Atalaya Terrace, S. F. Location, north Union street west Pierce street. Will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

FACTORY—1 story and base, brick. Cost not stated. San Francisco. Architects, Ward & Blohme, Alaska-Commercial Bldg., S. F. Owners, H. N. Cook Belting Co. Location, southwest Fremont and Howard streets. Will contain office and factory plant. Plans complete and figures being taken.

CAR REPAIR SHOPS—1 story, reinforced concrete, $370,000. Great Falls, Mont. Engineer's name not given. Owners, Great Northern R. R. Co. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, $370,000.

GARAGE—1 and 2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, August G. Headman, Call-Post Bldg., S. F. Owners, J. Allec Cleaning and Dying Works. Location, 2164 Folsom street, covering an area of 25 by 120 feet. Plans complete and bids being taken.

STORES—2 story and base, brick and steel, $18,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, L. A. Meyer. Location, north Pine east Franklin, covering an area of 42½ by 137½ feet. Designed for a storage battery company. Plans complete and figures being taken.

STORE ADDITION—[illegible] construction, $100,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Bankers' Investment Co. Location, southeast Grant avenue and Geary, known as the Magnin Bldg. Contract for structural steel awarded to the California Steel Co. Contract price, $20,000. Other parts of the work being figured.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Edward E. Young, 21 Kearny street, S. F. Owner, James Cantley. Location, Laguna near Pine street. Will contain a number of two, three and four room apartments. Plans being prepared and work to be done by Day Labor.

RESIDENCE—1½ story and base, frame, $2,000. San Francisco. Architect, none. Owner, Edward Borchin, 221 Lisbon street, S. F. Location, east Lisbon south Excelsior. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

HOTEL, ETC.—3 story, granite and frame. Cost not given. Yosemite Valley, Cal. Architect, Edward J. Symmes, Pacific Bldg., S. F. Owners, Desmond Park Service Co. Will contain 200 rooms, about 80 per cent of which will have private baths. There will also be a large lobby, dining room and office. In addition to the hotel the Desmond Park Service Co. will erect a two-story frame store building containing the executive offices of the company on the second floor, an one-story frame garage and machine shop and a 1½ story frame and stone chalet containing about 40 rooms. The latter building will be erected at the Mariposa Big Trees. A total of $240,000 will be spent in construction during 1917 by the Desmond Park Service. Construction will be started about April 15.

THEATRE AND STORES—2 story and base, reinforced concrete, $85,000. San Francisco. Architect, W. H. Weeks, 75 Post street, S. F. Owner, J. R. Saul. Location, south Clement St. east 8th avenue. Will contain several stores and a large motion picture theatre. Plans nearly complete and figures to be called for shortly.

Contract Awarded.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. The following contracts for street improvements have been awarded by the Board of Public Works: The construction of sewers and appurtenances in Orizaba street, from Palmetto street to Stanley street; and in Sanley sreet, from Orizaba street to Junipero Serra boulevard, and in the Merced lands of the Spring Valley Water Company. Awarded to D. L. Bienfield, Phelan Bldg., S. F. for $[illegible].

The improvement [illegible] between Selby street and Quint street, by the construction of granite curbs, resetting the existing granite curbs, [illegible] sidewalks, catchbasins,

with cast iron frames, gratings and traps, and 10-inch vitrified salt-glazed ironstone pipe culverts; a [illegible] inch vitrified, salt-glazed, ironstone pipe sewer, and an asphalt pavement consisting of a 6-inch concrete foundation, and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy, 604 First National Bank Bldg., S. F., for $17,7[illegible].

The improvement of 33rd avenue, between Geary street and a line 300 feet south thereof, by the construction of a sven-foot strip of vitrified, hillside brick pavement on a concrete foundation adjacent to the center line, and the improvement of 35th avenue, between Geary and Anza streets, by the construction of concrete curbs, an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to D. L. Bienfield, Phelan Bldg., S. F., for $679.25.

For the construction of an outfall for the Jackson street sewer at Pier No. 3. Awarded to the Contra Costa Construction Co., 330 10th street, S. F., for $7,700.

The improvement of 20th street, between Hampshire street and Potrera avenue, by the construction of concrete curbs, a 14-foot central strip of vitrified brick pavement and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to D. O. Church, 68 Post street, S. F., for $2,55[illegible].

The improvement of the west side of Juniper street, between Harrison and Bryant streets, by the construction of artificial stone sidewalks of the full official width where not already constructed or where basalt block sidewalks are not already constructed. Awarded to P. G. Mebech, 2387 Shattuck avenue, Berkeley, for 14 cents per foot.

HOSPITAL STERILIZERS $8,185. San Francisco. Architect, none. Owners, City and County of San Francisco. Contractors, Scott Co., 243 Minna St., S. F. Contract price, $8,185.

AUTO SALES ROOMS AND OFFICES—4 story and base, reinforced concrete, $90,000. San Francisco. Architects and Engineers, MacDonald & Kahn, Rialto Bldg., S. F. Owner, M. Neustadt. Location, Van Ness avenue and Sacramento street. Will contain 10,000 square feet to each floor. Contractors, MacDonald & Kahn, Rialto Bldg., S. F.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. A contract has been awarded for the improvement of Leavenworth street, between Chestnut and Francisco streets, and the crossing of Francisco and Leavenworth streets by grading, construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances and brick manholes: An 8 and 12-inch sewer with 14 Y branches and 4 manholes; by the construction of brick catchbasins with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; granite curbs and artifificial stone sidewalks; a reinforced concrete retaining wall with armored offsets; a vitrified brick pavement [illegible] asphalt pavement, consisting of a 6-inch concrete foundation, and [illegible] asphaltic wearing surface upon the remainder of the roadway thereof. Awarded to D. L. Bienfield, Phelan Bldg., S. F., for $17,275.65.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
105	Anderson	Anderson	5000
106	Same	Same	5000
107	Dunne	Jensen	4000
108	Virgillio	Hansen	2870
109	Peck	Peck	2800
110	Rulfs	Rulfs	9000
111	Same	Same	9000
112	Same	Same	9000
113	Shell	Shell	1800
114	S F Comm'l	Macdonald	75000
115	Buckley	Hannah	10823
116	von der Mehden	Owner	500
117	Jeenicki	Jeenicki	100
118	Johnson	Urfer	478
119	De Cierrey	Levi	450
121	Compton	Compton	800
122	Bishon	Carder	450
123	Ames	Petterson	1000
124	Kerner	Sheridan	400
125	Kincannon	Owner	25000
126	Heyman	Heyman	1950
127	Bruguiere	Bertsch	1000
128	Heyman	Heyman	1500
129	Andrian	Vlas	600
130	Urban Rlty	Owner	4000
131	Old	Old	1400
132	Weeley	Larsen	400
133	Scoble	Scoble	9000
134	City & Co of S F	Wold	13722
135	Same	McGilvray	3767
136	Cox	Mager	5400
138	Somers	Scott	1070
139	Same	De Lew	2100
140	Same	MacGruer	3100
141	Same	Snook	1550
142	James	Petersen	21031
143	Smith	Smith	3300
144	Same	Same	3300
145	Hedges	Lever	500
146	Army & Navy YMCA	Ellis	450
147	Camp	Camp	500
148	Malson	Malson	400
149	Dolan	Dolan	1000
150	Westphal	Anderson	6708
151	Keenan	Keenan	2500
152	Same	Same	6000
153	Park	Park	400
154	Whalen	McCormick	450
155	Beck	Hansen	400
156	Wm Tong	Wolter	400
157	Silberstein	Zane	400
158	School	Schell	13200
159	Pacific G & E	W'n Pipe	3800
160	Newell	Higginson	10820
161	Hotel	Rountree	10500
162	Alice	Lambarth	737
163	McCullough	Comyns	400
164	Cole-Pac Motor	Owner	750
165	Gehring	Olsen	40
166	Novelty Elec Sign	Owner	1000
167	Armstrong	Nichols	500
168	Devoto	Tongiacomo	500
170	Johansen	Peterson	900
171	O'Connor	O'Connor	25000
172	Parrott	Brady	28000
173	Costello	Chase	2525

FRAME FLATS
(105) E TWENTY-SECOND AVE 175 N Clement. Two-story and basement frame flats.
Owner.....Otto E. Anderson, 248 18th Ave., San Francisco.
Architect ...None.
Day's work. COST, $5000

FRAME FLATS
(106) E TWENTY-SECOND AVE 150 N Clement. Two-story and basement frame flats.
Owner.....Otto E. Anderson, 248 18th Ave., San Francisco.
Architect ...None.
Day's work. COST, $5000

BRICK FACTORY
(107) SW FOLSOM AND FIRST. Four story and basement brick and mill construction factory and one-story boiler room.
Owner.....Catherine Dunne Co., 1st National Bank Bldg., San Jose, Cal.
Architect ...Alfred Kuhn, 958 Pacific Bldg., San Francisco.
Contractor..G. P. W. Jensen, 320 Market, San Francisco.
COST, $40,000

FRAME DWELLING
(108) W TWENTY-SECOND AVE 157-6 N Balboa. Two-story and basement frame dwelling.
Owner.....Vincent Virgillio, 2639 California, San Francisco.
Architect ...C. Spooner, 547 12th Ave., San Francisco.
Contractor..Martin Hansen, 231-A Minna, San Francisco.
COST, $2870

FRAME RESIDENCE
(109) E TWENTY-THIRD AVE 300 S Judah. Two-story and basement frame residence.
Owner.....F. F. Peck, 5444 Manila Ave., Oakland.
Designer ...L. E. Peyser, 2447 26th Ave., San Francisco.
Day's work. COST, $2800

FRAME RESIDENCE
(110) W SANTA ANA 310 N St. Francis. Two-story and basement frame residence.
Owner.....Theo. E. Rulfs Bldg. Co., 114 Russ Bldg., S F.
Architect ...Falch & Knoll, Hearst Bldg., San Francisco.
Day's work. COST, $9000

FRAME RESIDENCE
(111) W SAN LEANDRO WAY 205 N St. Francis Blvd. Two-story and basement frame residence.
Owner.....Theo. E. Rulfs Bldg. Co., 114 Russ Bldg., S F.
Architect ...Falch & Knoll, Hearst Bldg., San Francisco.
Day's work. COST, $9000

FRAME RESIDENCE
(112) W SANTA CLARA 60 S St. Francis Blvd. Two-story and basement frame residence.
Owner.....Theo. E. Rulfs Bldg. Co., 114 Russ Bldg., S F.
Architect ...Falch & Knoll, Hearst Bldg., San Francisco.
Day's work. COST, $9000

GARAGE
(113) NE JEFFERSON & LEAVENworth. One-story steel garage.
Owner.....Shell Co. of California, 343 Sansome, San Francisco.
Architect ...Nons.
Day's work. COST, $1800

CONCRETE WAREHOUSE
(114) S MISSION 65 W Lafayette Four-story and basement concrete warehouse.
Owner.....San Francisco Commercial Co., Crocker Bldg., San Francisco.
Engineers ...Macdonald & Kahn, Rialto Bldg., S. F.
Contractor..Macdonald & Kahn, Rialto Bldg., San Francisco.
COST, $75,000
NOTE:—Job started.

CONCRETE CLASS "C" STORES
(115) W LARKIN 50 S O'Farrell S 70 W 115 N 120 E 30 S 50. All work for one-story and basement reinforced concrete Class "C" stores.
Owner.....Dr. C. F. Buckley, 323 Geary, San Francisco.
Architect ...C. H. Skidmore, 608 Call Bldg., San Francisco.

Contractor..J. D. Hannah, Chronicle Bldg., San Francisco.
Filed Jan. 13, '17. Dated Jan. 12, '17.
Reinforced concrete walls completed $2705
Interior plastering completed.. 2705
Completed and accepted..... 2705
Usual 35 days..... 2708
TOTAL COST, $10,823
Bond, none. Limit, 60 days after filing Forfeit, none. Plans and specifications filed.

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(116) NO. 1155 McALLISTER. Alter store.
Owner.....Carl Von Der Mehden, 1378 Hayes, San Francisco.
Architect ...None.
Day's work. COST, $500

ADDITION
(117) NO. 1243 FILLMORE. Add mezzanine floor.
Owner.....California Baking Co., 1243 Fillmore, San Francisco.
Architect ...None.
Contractor..J. Behm & Co., 139 Oak, San Francisco.
COST, $450

FOUNDATION
(118) NO. 1466 LA PLAYA. Cement foundation and ratproof.
Owner.....P. Jeenicki, Premises.
Architect ...None.
Day's work. COST, $400

ALTERATIONS
(119) NO. 150 STEINER. Cement floor etc.
Owner.....R. B. Johnson, Woodland, California.
Architect ...None.
Contractor..Chas. E. Urfer, 555 Pine, San Francisco.
COST, $478

ALTERATIONS
(120) NO. 47 STOCKTON. Alter front.
Owner.....De Courcy Millinery Store Premises.
Architect ...None.
Contractor..S. Levi, 2120 Post, S. F.
COST, $450

ALTERATIONS
(121) NO. 10 KEARNY. Alter hollow tile partition.
Owner.....C. A. Compton, 8 Kearny, San Francisco.
Architect ...None.
Days work. COST, $800

GARAGE
(122) NO. 234 THRIFT. Erect garage and one room over same.
Owner.....G. Bishon, 605 Montgomery San Francisco.
Architect ...None.
Contractor..Geo. Carder, 177 Thrift, San Francisco.
COST, $450

ADDITION
(123) NO. 2500 GREEN. Minor addition and alterations to dwelling.
Owner.....F. M. Ames, Premises.
Architect ...None.
Contractor..Petterson & Persson, 62 Post, San Francisco.
COST, $1000

ALTERATIONS
(124) NO. 2733 MISSION. Alter front
Owner.....Kerner & Eisert, 107 Montgomery, San Francisco.
Architect ...None.
Contractor..Thos. J. Sheridan, 1208 20th Ave., San Francisco.
COST, $400

FRAME APARTMENTS
(125) SW CLAYTON AND GROVE. Three-story and basement frame (12) apartments.
Owner.....J. G. Kincannon, 3040 Steiner, San Francisco.
Architect ...C. O. Clausen, Hearst Bldg., San Francisco.
Day's work COST, $25,000

FRAME DWELLING
(126) NW BERTITA 182-6 NE Mohawk. Two-story and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $1950

ALTERATIONS
(127) NO. 333 CALIFORNIA. Minor alterations.
Owner.....The Bruguiere Co., 133 Geary, San Francisco.
Architect ...None.
Contractor..Wm. H. Bertsch, 542 Herbert, Oakland.
COST, $1000

FRAME DWELLING
(128) NW BERTITA 136-6 NE Mohawk One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $1500

ALTERATIONS
(129) NO. 14 EDDY. Tile floor and other alterations for grill.
Owner.....Andrian Bros.
Architect ...None.
Contractor..J. Vlas, 14 Eddy, S. F.
COST, $600

FRAME RESIDENCE
(130) E BORICA 153 N Urbano Drive. One-story and basement frame residence.
Owner.....Urban Realty Improvement Co., 85 Cerritos Rve., S. F.
Architect ...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work. COST, $4000

RESIDENCE
(131) N TWENTY-SEVENTH 200 E Douglass. Complete residence.
Owner.....Annie H. Old, 1512½ Castro San Francisco.
Architect ...None.
Contractor..G. H. Old, 1512½ Castro, San Francisco.
COST, $1400

ALTERATIONS
(132) NO. 32 LANDERS. Raise house for garage.
Owner.....J. H. Weeley, 2081 Market, San Francisco.
Architect ...None.
Contractor..Gus Larson, 21 Waller, San Francisco.
COST, $400

FRAME STORES, ETC.
(133) S GEARY 57-6 E 19th Ave. Three-story and basement frame stores and apartments.

[illegible]
[illegible] work
[illegible]

HOSPITAL
[illegible] POTTER [illegible]
[illegible] Completion of [illegible]
[illegible] Hospital.
[illegible] [illegible] Francisco.
Architect ...August G. Headman, Call-[illegible]
Contractor..[illegible] San Francisco.
COST, $13,723

DRESSING CURBING
(135) CITY HALL AVE., bet. McAllister and Larkin. Dressing curbing on old City Hall site.
Owner.....City and County of San Francisco.
Architect ...None.
Contractor..[illegible] Granite Co., 634 Townsend. San Francisco.
COST, $3767.40

ALTERATIONS
(136) SW SUTTER AND WEBSTER W 93xS 27-6. Alterations to three-story frame building.
Owner.....Sarah W. Cox.
Architect ...J. Chas. Flugger, 782 2nd Ave., San Francisco.
Contractor..Paul and Jacob Mager, 110 Jessie, San Francisco.
Filed Jan. 17, '17. Dated Jan. 16, '17.
House mover has all material removed $100
Brown coated. 1500
Completed and accepted..... 1550
Usual 35 days..... 1[illegible]
TOTAL COST, $5400
Bond, $2700. Sureties, D. B. Macdonald and Severin Mager. Limit, 80 days. Forfeit, none. Plans and specifications filed.

HEATING, ETC
(138) E VAN NESS AVE 72 S California S 65-6 E 25 N 137-6 W 170-3 S 72. All work for heating, tank work, boiler and oil burner for two-story and basement reinforced concrete building.
Owner [illegible] Vallejo, San Francisco.
Architect ...Clarence A. Tantau, 519 California, San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
Filed Jan. 17, '17. Dated Jan. 4, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1070
Bond, $1070. [illegible] delay to other work. Forfeit, none. Plans and specifications filed.

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(139) ELECTRIC WORK ON ABOVE.
Contractor..M. A. De Lew, 189 Stevenson, San Francisco.
Filed Jan. [illegible]
Payments same as above.....
TOTAL COST, $2100
Bond, $1050. Suerty, New Amsterdam Casualty Co. Limit, without delay to other work. Forfeit, none. Plans and specifications filed.

[illegible] METAL [illegible] and exterior [illegible] ing on above.

Owner ... Mc[illegible] & Co., 258 Commercial, San Francisco..
Filed Jan. 5, '17. Dated Jan 4, '17
Payments same as above.....
TOTAL COST, $3100
Bond, $3100. Surety, Maryland Casualty Co. Limit, without delay to other work. Forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor..Frederick W. Snook Co., 596 Clay, San Francisco.
Filed Jan. 17, '17. Dated Jan. 4, '17.
Payments same as above.....
TOTAL COST, $1550
Bond, $775. Sureties, Wm. J. Foster and K. G. Haderle. Limit, without delay to other work.. Forfeit, none. Plans and specifications filed.

CONCRETE WORK
(146) NE BATTERY AND VALLEJO. Concrete work for two-story and basement concrete building.
Owner.....Not Given..
Party of 2nd Part..W. T. Commary, 742 Market, San Francisco.
Architect ...None.
Party of 1st Part..H. L. Petersen, 62 Post, San Francisco..
Filed Jan. 17, '17. Dated Jan. 17, '17.
Basement wall completed to underside of 1st floor and all piers complete ready for posts and girders $5257.75
1st walls complete to bottom of 2nd story joists..... 5257.75
2nd story walls up and completed for roof 5257.75
Usual 35 days..... 5257.75
TOTAL COST, $21,031.00
Bond, $10,515.50. Surety, New Amsterdam Casualty Co. Limit, as required. Forfeit, $25. Plans and specififfications none.
NOTE —This contract is on the L. James warehouse.

FRAME RESIDENCE
(142) W S SOUTHWOOD 194 S San Ramon Way. Two-story and basement frame residence.
Owner.....F. & W. Smith, 303 Church, San Francisco.
Architect ...A. W. Smith, 1010 Broadway, Oakland.
Contractor..Smith Bros., 303 Church, San Francisco.
COST, $3300

FRAME RESIDENCE
(144) W SOUTHWOOD 32 S San Ramon Way. Two-story and basement frame residence.
Owner.....F. & W. Smith, 303 Church, San Francisco.
Architect ...A. W. Smith, 1010 Broadway, Oakland.
Contractor..Smith Bros., 303 Church, San Francisco.
COST, $3300

REPAIRS
(145) NOS. 1841-43 BUCHANAN. Repair flats.
Owner ... L. G. Harries and S. M. Levee, 211 Security Bank Bldg., Oakland.
Architect ...None.
Day's work COST, $500

ELECTRIC SIGN
(146) NO. [illegible] EMBARCADERO. Electric sign.
Owner.....Army & Navy Y. M. C. A., Premises.
Architect ...None.
Contractor..Ellis Elec. Constr. Co., 285 Natoma, San Francisco.
COST, $400

FRAME DWELLING
(147) NO. 381 NINETEENTH AVE. One-story and basement frame dwlg
Owner.....S. G. Camp, Premises.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(148) NO. 554 THIRTY-FOURTH AV. Erect walls and alter dwelling.
Owner.....A. G. Malson, Premises.
Architect ...None.
Day's work. COST, $400

FRAME OFFICE
(149) W MISSION 300 S 12th. Two-story frame office and store.
Owner.....Dan P. Dolan Wrecking Co., 1639 Mission, S. F.
Architect ...None.
Day's work. COST, $1000

FRAME STORES, ETC.
(150) W SIXTH 75 N Folsom. Two-story and basement frame (3) stores and (4) apartments.
Owner.....C. H. Westphal, San Mateo
Architect ...M. J. Welsh, 915 Treat Ave., San Francisco.
Contractor..Gustave Anderson, 2330 27th, San Francisco.
COST, $6768

(151) W THIRTY-SECOND AVE 412 N California. Two-story and basement frame dwelling.
Owner.....W. J. Keenan, Atalaya Terrace, San Francisco.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
(152) N UNION 162-6 W Pierce. Two-story and basement frame dwelling.
Owner.....W. J. Keenan, Atalaya Terrace, San Francisco.
Architect ...None.
Day's work. COST, $6000

RATPROOFING
(153) NO. 1149 VALENCIA. Ratproofing, etc., for bakery.
Owner.....R. Park, 36 Davis, S. F.
Architect ...None.
Day's work. COST, $400

ADDITION
(154) NO. 119 FAIR OAKS. Add porches.
Owner.....M. C. Whalen, 360 10th, San Francisco.
Architect ...None.
Contractor..Thos. McCormick, 25 Gladys, San Francisco.
COST, $450

ALTERATIONS
(155) NO. 2100 BUSH. Alter garage.
Owner.....C. M. Beck, Premises.
Architect ...None.
Contractor..C. W. Hansen, 110 Jessie, San Francisco.
COST, $400

NEW FRONT
(156) NO. 2528 MISSION. New front.
Owner.....Who Tong, 2780 Mission, San Francisco.
Architect ...None.
Contractor..Herman Wolter, 1665 Jackson, San Francisco.
COST, $400

ALTERATIONS
(157) NO. 720½ MARKET. Alter front.
Owner.....Joe Silberstein, 1484 McAllister, San Francisco.
Architect ...None.
Contractor..W. B. Zane, 114 Russ, S. F.
COST, $400

STORE AND LOFT BUILDING
(158) N EDDY 87-6 E Larkin E 25x N 137-6. All work for two-story Class "C" reinforced concrete store and loft building.
Owner.....Samuel and Conradina Schell, 1367 5th Ave., S. F.
Architect ...S. Schell.
Contractor..S. Schell, 1367 5th Ave., San Francisco.
Filed Jan. 18, '17. Dated Jan. 18, '17.
2nd floor joists laid and walls are poured $3300
All concrete work done except side walk, roof on rough plumbing and rough electric work done 3300
Completed and accepted..... 3300
Usual 35 days..... 3300
TOTAL COST, $13,200
Bond, none. Limit, 90 days. Forfeit, none.. Plans and specifications filed.
NOTE:—1st report Jan. 4, 1917, No. 20

STEEL SMOKESTACK
(159) BDED ON N BY JEFFERSON, E by Powell, S by Beach and W by Mason. All work for steel smokestack breeching on Metropolitan Gas Works.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect ...None.
Contractor..Western Pipe & Steel Co. of California, 444 Market, San Francisco.
Filed Jan. 18, '17. Dated Jan. 11, '17.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $3800
Bond, $1900. Surety, Guardian Casualty & Guaranty Co. . Limit, 45 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(160) LOTS 18 AND 19 BLK 4 Forest Hill. All work for two-story and basement frame residence.
Owner.....The Newell-Murdoch Realty Co., 30 Montgomery, San Francisco.
Architect ...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor..Higginson Co., Inc., Humboldt Bank Bldg., S. F.
Filed Jan. 18, '17. Dated Jan. 17, '17.
Frame up and roof boards on..$2705
Brown coated 2705
Completed and accepted..... 2705
Usual 35 days..... 2705
TOTAL COST, $10,820
Bond, $5410. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

FRAME RESIDENCE
(161) E THIRTEENTH AVE 127-6 N Fulton E 120xN 55. All work for two-story and basement frame residence.
Owner.....Chas. C. Horton, Main and Market, San Francisco.
Architect...Arthur S. Bugbee, 1684 Washington, S. F.
Contractor..Richard Rountree, 110 Jessie, San Francisco.

Filed Jan. 18, '17. Dated Jan. 17, '17.
Rough frame up.....$1971
Ready for plaster..... 1968
Mill work in place..... 1968
Completed and accepted..... 1968
Usual 35 days..... 2625
TOTAL COST, $10,500
Bond, $5250.. Surety, Guardian Casualty & Guaranty Co. Limit, 120 days after Jan. 17. Forfeit, $5. Plans and specifications filed.

ADDITION
(162) W FOLSOM 173 S 17th W 122-6 x8 25. All work for piling for addition to dyeing and cleaning works.
Owner.....Jean Allec, 2148 Folsom, San Francisco.
Architect ...August G. Headman, Call-Post Bldg., San Francisco.
Contractor..G. E. Lamburth, 118 Capp, San Francisco.
Filed Jan. 18, '17. Dated Jan. 15, '17.
Pile work completed and accepted $522.75
Usual 35 days..... 184.25
TOTAL COST, $737.00
Bond, none. Limit, without delay. Forfeit, $10. Plans only filed.

MARQUISE
(163) NO. 1649 POLK. Erect marquise
Owner.....J. A. McCullough, Stanley Hotel, San Francisco.
Architect ...None.
Contractor..Comyns & Nygren, 3221 16th, San Francisco.
COST, $400

RUNWAY
(164) SW AUSTIN AND VAN NESS Aves. Construct runway.
Owner.....Cole-Pacific Motor Co., Van Ness & Pacific Aves., S. F.
Architect ...W. Lyon, 404 Lick Bldg., San Francisco.
Day's work. COST, $750

ADDITION
(165) NO 271 DAY. Add one drying room.
Owner.....August Gehring, Premises.
Architect ...None.
Contractor..Olof Olsen, 262 Beverly, San Francisco.
COST, $400

ALTERATIONS
(166) GORE COR. MARKET & EDDY. Alter electric roof sign.
Owner.....Novelty Electric Sign Co., 165 Eddy, San Francisco.
Architect ...None.
Day's work. COST, $1000

SHINGLE ROOF
(167) NOS. 141-143 THIRD. New shingle roof.
Owner.....A. S. Armstrong, 151 Sutter, San Francisco.
Architect ...None.
Contrector..H. L. Nichols, 1381 Stevenson, San Francisco.
COST, $500

ALTERATIONS
(168) NO. 2516 CALIFORNIA. Alter coal yard.
Owner.....Mrs. Hannah Devoto, 1111 Lake, San Francisco.
Architect ...None.
Contractor..G. Tongiacomo, 458 9th Ave., San Francisco.
COST, $500

(169) NO. 14 STATES. Raise and alter dwelling.
Owner.....V. E. Jehansen, 64 Haight San Francisco
Architect ...None.
ContractorP. Peterson, 64 Haight, S. F
COST, $900

FRAME APARTMENTS
(170) NE BRODERICK AND PINE. Three-story and basement frame (21) apartments.
Owner.....R. O'Connor, Ross, Cal.
Supt. ...J. C. Bateman, 1017 Balboa Bldg., San Francisco.
Day's work. COST, $25,000

ADDITION
(171) NE DAVIS AND SACRAMENTO All one-story Class "C" to present 4-story Class "C" structure.
Owner.....Parrott Investment Co., 502 California, S. F.
Architect ...M. M. Bruce, 1281 Flood Bldg., San Francisco.
Contractor..M. V. Brady, Monadnock Bldg., San Francisco.
COST, $28,000
NOTE:—Work under way

FRAME COTTAGE
(172) W NEWTON 325 N Morse Lot 16 Blk 5, Crocker Amazon Tract. All work for one-story and basement frame cottage.
Owner.....Patrick and Hannah Costello, 463 31st Ave., S. F.
Architect ...None.
Contractor..Jno. G. Chase Jr., 180 Jessie, San Francisco.
Filed Jan. 19, '17. Dated Jan. 17, '17.
Frame up $560.00
Brown coated 666.88
Completed 666.87
Usual 35 days..... 631.25
TOTAL COST, $2525.00
Bond, $1262.50. Surety, The Aetna Accident & Liability Co.. Limit, 60 days. Forfeit, none.. Plans and specifications filed.
NOTE:—Plans prepared by A. W. Richardson, 907 Church St., S. F.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Jan. 11, 1917—E THIRTEENTH AVE 35 N Cabrillo W 55 E 95 S 55 W 95. Margaretha J Koenig to whom it may concern.....Jan. 10, 1917

Jan. 13, 1917—NE FILBERT AND Medau Place 28-6x46. Gio Batta Soracco to Norio Cavaglia.Jan 9, 1917

Jan. 13, 1917—E TWENTIETH AVE 175 N Balboa N 25xE 120. A J Kellimede to whom it may concern .....Completed

Jan. 13, 1917—W NINETEENTH AVE 128-4 S Rivera S 50 W 120 N 56-3½ m or l E 120 m or l. Jas A Arnott to whom it may concern.Jan. 10, 1917

Jan. 15, 1917—W TENTH AVE 150 S Balboa S 25x120. Alfred T Morris to whom it may concern.Jan. 2, 1917

Jan. 15, 1917—W LEAVENWORTH 77-10 N Sutter 37-6x90-6. Anton Rulfs to Peterson-James Co, Western Furnace & Cornice Co and H Maundrell.....Jan. 12, 1917

Jan. 15, 1917—LOT 24 SEA CLIFF Ave. bet. 25th and 26th Aves. Macdonald & Kahn to whom it may concern.....Jan. 8, 1917

Jan. 16, 1917—W SANCHEZ 25 S 30th S 25xW 75. Joseph O'Connor to Edw E Manseau.....Dec. 20, 1916

Jan. 17, 1917—SE HAYES AND Octavia E 27-6xS 120 Daniel J Murphy to Hughson & Merton.....Jan. 5, 1917

Jan. 17, 1917—SW POST & POLK S 27-6xW 55 Andrew and Alexandre Vayssie to J M Lettich.Jan. 11, 1917

Jan. 17, 1917—SW NINTH AVE AND Lake S 25xW 95. Percy D Tyler to whom it may concern.Jan. 15, 1917

Jan. 17, 1917—NE EXCELSIOR AVE 50 N Lisbon NW 25xNE 75 Lot 17 Excel Hd Ass'n.. Martin Person to whom it may concern..Jan. 16, 1917

Jan. 17, 1917—NW TWENTY-4TH and Castro W 80xN 50. J C Bateman, representing R O'Connor to Lyden & Bickel.....Jan 15, 1917

Jan.. 17, 1917—W ELEVENTH AVE 125 S Cabrillo W 100xS 25. M F Welch to D W Ross & Co.....Jan. 17, 1917

Jan. 18, 1917—NW BRUNSWICK 72 NE Curtis NE 25xNW 75 Lots 18, 19 and 20 Blk 6 Syndicates 1st Addition. Albin M Samuelson to Henning Olsen.....Jan. 17, 1917

Jan. 18, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean or J Allec to Scott Co.....Jan. 12, 1917

Jan. 18, 1917—E EIGHTEENTH AVE 50 N Balboa N 25xE 82-6 Martin and Hans Nelson to whom it may concern.....Jan. 17, 1917

Jan. 18, 1917—E FIRST AVE 275-1¾ N Euclid Ave N 50xE 120. York Realty Co to whom it may concern.....Jan 15, 1917

Jan. 18, 1917—SW VAN NESS AVE and Bush S to N Fern Ave W 220 N to S Bush E 220. Overland Stores Co to Leonard Constr Co.....Jan 17, 1917

Jan. 19, 1917— W FOLSOM 198 S Seventeenth W 122-6xS 150. Jean Allec to The Mission Marble Work .....Jan 17, 1917

Jan. 19, 1917—SE EDDY & FRANKlin 57-6x120. Ellen Margery Jackson, Elizabeth Grace Marks et John L Marks to E J Montgomery .....Jan. 17,

Jan. 19, 1917—NO. 340 STOCKTON Chas H Crocker to Brode Iron Works.....Jan. 17, 1917

Jan. 19, 1917—LOT 3 BLK Crocker Amazon Tract. Benjamin Fehnemann to whom it may concern.....Jan. 18, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMO

Jan. 12, 1917—E BRODERICK 137 N California N 27-6 Nov. 1916 Broderick. Henry Ernst & Sons vs Mrs Baker

Jan. 12, 1917—NW [illegible] AVE N Jordan Ave N 50xE 95. J H Kruse vs Joshua D [illegible] Wm Alfred Kohr vs Wm A [illegible]

[illegible] FORTY FOURTH Ave 250 S Geary S 25xE 120. Inland Floor Co vs Postal Realty Co $77.50

Jan. 16, 1917—E FORTY-FOURTH Ave 225 S Geary S 25xE 120. Inland Floor Co vs Postal Realty Co $77.50

Jan. 17, 1917—E JULIAN 155 S 15th S 30xE 84. Frank Sasso vs Marie Metter $205.50

Jan. 17, 1917—N JACKSON 192-6 E Cherry E 40 N 126-5⅜ W 40 m or l S 1?? m or l. Empire Planing Mill, $1503.80, J H McCallum, $999.54 vs Harry T Blackwood and Hansbrough-Johnson Co, Inc.....

Jan. 17, 1917—E JULIAN 155 S 15th S 30xE 84. A Tosco vs Marie Metter and Emil Ichters.....$127

Jan. 18, 1917—SW CALIFORNIA & Davis W 87-6xS 137-6. Gladding, McBean & Co vs California Street Realty Co and J H Hjul.....$359.78

OAKLAND AND ALAMEDA COUNTY.

SIDEWALK CONSTRUCTION—Cost not stated. Berkeley, Alameda Co., Cal. Engineer, City Engineer, Berkeley. Owners, City of Berkeley. Bids will be opened on January 26th at 10 a. m. for street improvements authorized under the following resolution: That a cement sidewalk 6 feet wide be constructed in the southern sidewalk area of Cedar street from San Pablo avenue to Chestnut street.

STREET IMPROVEMENTS—Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. Contracts for street improvements have been awarded under the following resolutions: That a vitrified, pipe sewer having an internal diameter of 8 inches be constructed as follows: Beginning at the existing manhole at the intersection of the center line of Filbert street with the south line of 7th street, running thence in a direct line to a point on the east line of Filbert street, distant three feet north from the south line of 7th street, thence parallel to the south line of 7th street 155 feet; also that two vitrified pipe lampholes with tops of brick and cast iron, be constructed, also that Y branches having a 5-inch opening be constructed on said sewer, so as to provide one such branch for each 25-foot lot and fractional lot remaining. Awarded to G. Melech, 2187 Shattuck avenue, Berkeley.

That East 12th street, fram 23rd avenue to 24th avenue, and 24th avenue, from East 12th to East 14th street, each be graded, curbed with concrete, guttered with brick gutters 14 inches wide, and paved with asphalt; also that a cast iron and concrete culvert having two granite header blocks be constructed. Awarded to Clark & Henery Construction Co., First Savings Bank Bldg., Oakland.

That 16th street, from Market street to Adeline street, and from Kirkham street to the east line of Peralta street, be graded, curbed with concrete, paved wih asphalt and guttered with brick gutters 14 inches wide; also that six brick catchbasins, three brick manholes, two sewers, having internal diameters of 8 inches; six conduits, having internal diameters of 10 inches; a lamphole with brick and cast iron top and Y branches, having 5-inch openings. All conduits, sewers, Y branches and lampholes (excepting the tops of the lampholes) shall be constructed of vitrified sewer pipe. Awarded to The Oakland Paving Co., 5000 Broadway, Oakland.

APARTMENT HOUSE ALTERATION—3 story and base, frame, $30,000. Berkeley, Alameda Co., Cal. Architect, James W. Placheck, Acheson Bldg., Berkeley. Owner, W. H. Heywood. Location, 2119 Addison street. Only the present four walls of the building will be used. A number of two and three room suites will be designed. Plans are now being prepared.

APARTMENT HOUSE—4 story and base, brick, $100,000. Oakland, Cal. Architect, M. I. Diggs, 5550 Broadway, Oakland. Owners, Realty Bond and Finance Co. Location, Oak street. Will contain 90 rooms arranged in two and three room apartments. Plans being prepared and work to be superintended by owners.

APARTMENT HOUSE—3 story and base, frame, $32,000. Berkeley, Alameda Co., Cal. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner's name withheld. Location, Ashby and College avenues. Will contain a number of two, three and four room suites. Plans complete and figures being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner's name withheld. Location, near Lake Merritt. Will contain residential apartments of four and five rooms. Plans being prepared.

RESIDENCES—3, 1 story and base, frame, $2,000 each. Berkeley, Alameda Co., Cal. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, south Alston west Browning. Each dwelling will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Berkeley, Alameda Co., Cal. Architect, W. L. Broderick, 1201 Colusa avenue, Berkeley. Owner, J. S. Hanson. Location, Joseph near Hopkins. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $9,000. Piedmont, Alameda Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Robert Newman. Will contain eight rooms, two baths and separate garage. Plans complete and figures being taken.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, G. H. Noble, 2222 Central avenue, Alameda. Location, east 28th avenue south Sausal Creek. Will contain five rooms, bath and sleeping porch. Plans complete and work to be doneby Day Labor.

RESIDENCES—2, 1 story and base, frame, $2,000 each. Oaklanr, Cal. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, north Arkansas east Curran. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE - 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owners, Lewis and Mitchell, 1520 Broadway, Oakland. Location, west Auseon avenue south Plymouth. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCES—3, 1 story and base, frame, $1,500 each. Oakland, Cal. Architect none. Owner, A. Hunse, 4454 Fleming avenue, Oakland.. Location, north Fleming avenue east Courtland. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $20,000. Piedmont, Alameda Co., Cal. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Mr. H. Fletcher. Will contain twelve rooms, three baths and separate garage. Plans being prepared.

RESIDENCES—3, 1 story and base, $2,000 each. Alameda, Alameda Co., Cal. Architect, none. Owner, George H. Noble, 2220 Central avenue, Alameda. Location, 1500, 1504 and 1514 Verdi street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Walter Mork, 2827 8th street, Berkeley. Location, east Northside avenue south Santavee.. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, C. J. Pfrang, 5485 Claremont avenue, Oakland. Location, east Claremont avenue south Forest. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, John Gelder, 4525 West street, Oakland. Location, north 45th street west West sreet. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,800. Oakland, Cal. Architect, none. Owner, Eduard Sigueria, 2432 East 14th street, Oakland. Location, southeast 16th street west Fruitvale avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner B. H. Stronf, 5649 College avenue, Oakland. Location, west Shafter north Forest. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

STREET IMPROVEMENT—Cost not stated. Alameda, Alameda Co., Cal. Engineer, City Engineer, Alameda. Owners, City of Alameda. Bids will be opened on February 5th at 8 p. m. for the improvement of Works street, from Webster street to Southern Pacific Company's right of way, as follows: That the entire width be graded, that redwood curbing, 4"x12" in cross section dimension, be laid along the curb lines of said street; that grouted rock gutters of the "flat pattern" 2 feet 6 inches in width and 6 inches thick, be constructed along the roadway side of and contiguous to said curbing; that the remaining portion of the roadway between said limits be macadamized with oil macadam 10 inches thick.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, P. J. Nessen, 1046½

Keith avenue, Berkeley. Location, west Magnolia north 30th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $4,800, Oakland, Cal. Architect, none. Owner, J. A. Breet, 727 59th street, Oakland. Location, 351 Santa Clara avenue. Will contain nine rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,600. Oakland, Cal. Architect, none. Owner, Patrick Walsh, 1402 12th street, Oakland. Location, north 12th street west Kirkham. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, I. Ariel Kellogg, 4246 Redding street, Oakland. Location, west Ordway north Hopkins. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

FACTORY—2, 1 story, frame, $2,800. Berkeley, Alameda Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Hall-Scott Motor Car Co. Location, 5th and Snyder streets. Plans complete and work to be done by Day Labor.

FACTORY—4 story and base, brick, $70,000. Oakland, Cal. Architect, none. Owners, California Cotton Mills Co. Location, Railroad avenue and Cotton street. A contract for the brick work has been awarded William Jones, 1011 Franklin street, Oakland, for $11,208, and the balance of the work will be done by Day Labor.

GARAGE—1 story and base, brick, $4,000. Oakland, Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mr. Nor. Location, 1575 7th street. Designed for a commercial garage. Plans being prepared.

STREET IMPROVEMENTS—Cost not stated. Alameda, Alameda Co., Cal. Engineer, City Engineer, Alameda. Owners, City of Alameda. Bids will be opened on February 6th for street improvements authorized under the following resolution: That the entire width of said street (referred to in resolution of intention No. 35, N. S.) be graded; that redwood curbing 4"x 12" in cross section dimensions, be laid along the curb lines; that grouted rock gutters of the "flat pattern," 2 feet 6 inches in width and 6 inches thick, be constructed along the roadway side of and contiguous to said curbing; that the remaining portions of the roadway between said limits be macadamized with oil macadam 10 inches in thickness.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
86	Noble	Noble	2250
87	Same	Same	2250
88	Hoxie	Knight	5750
89	Potter	Field	1225
90	Altasserre	Morilhat	500
91	Lemes	Cuthbertson	700
93	Cal Cotton	Jones	11208
94	Hoxie	Knight	6300
95	Dargie	Jackson	500
96	G G Bakery	Owner	500
97	Same	Same	450
98	Hamelin	Hamelin	500
99	Same	Same	500
100	Sheaton	[illegible]	[illegible]
101	Union Water	[illegible]	[illegible]
102	Ransome	Cummings	[illegible]
103	Smith	[illegible]	[illegible]
104	Cooper	Barton	[illegible]
113	Ala Co	Hyde	[illegible]
115	Paraffine	S V Prod. Co.	[illegible]
116	Hillen	Hillen	[illegible]
117	Same	Same	[illegible]
118	Hinse	Hinse	[illegible]
119	Same	Same	[illegible]
120	Same	Same	[illegible]
121	McClues	Thompson	[illegible]
122	Swigart	Williams	[illegible]
123	Porter	Porter	[illegible]
124	Lewis	Mitchell	[illegible]
125	Joyce	Kelly	[illegible]
127	Pac Pickle	Hunt	[illegible]
128	Gensler	Firesthorn	[illegible]
129	Pac G & E	Pac Prod.	[illegible]
140	Cianciarudo	Peroni	[illegible]
141	Gelder	Gelder	[illegible]
142	Siguerra	Siguerra	[illegible]
143	Phrang	Phrang	[illegible]
144	Strong	Strong	[illegible]
148	Turner	Turner	[illegible]
149	Brett	Brett	[illegible]
150	Hackey	Kooki	[illegible]
151	Nessen	Nessen	[illegible]
152	Langley	Langley	[illegible]
153	Havens	Whitton	[illegible]
154	Realty Syndicate	Owner	[illegible]
155	Hampel	Whalin	[illegible]
156	Walsh	Walsh	[illegible]
157	Kellogg	Kellogg	[illegible]

DWELLING

(86) E TWENTY-EIGHTH AVE 106 S Sausal Creek, Oakland. One-story 5 room dwelling.

Owner.....G. H. Noble, 2220 Central Ave., Alameda.

Architect ...None.

Day's work. COST, $2250

DWELLING

(87) E TWENTY-EIGHTH AVE 14[illegible] S Sausal Creek, Oakland. One-story 5-room dwelling.

Owner.....G. H. Noble, 2220 Central Ave., Alameda.

Architect ...None.

Day's work. COST, $2250

ROOMING HOUSE

(88) E SEVENTY-SECOND AVE 150 S Hillside, Oakland. Two-story 15-room rooming house and stores.

Owner..... S. O. Hoxie, Alameda.

Architect ...Chester H. Miller, 1st Trust Bldg., Oakland.

Contractor..H. C. Knight, 1601 Telegraph Ave., Oakland.

COST, $5750

ALTERATIONS

(89) LOT 17 PARK VIEW TRACT NO 2, Piedmont. All work for alterations and additions to dwelling.

Owner.....T. M. Potter, Piedmont.

Architect ...Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor..Fred M. Field, 565 16th, Oakland.

Filed Jan 13, '17. Dated Dec. 28, '16.

Frame up, roof sheathed and brick chimney built.....$460

Completed and accepted 158

Usual 35 days..... 307

TOTAL COST, $[illegible]

Bond, $612.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(90) NO. 2329 FOOTHILL BLVD, Oakland. Alterations and repairs.

Owner.....Justin Altasserre, Prem.

Architect ...None.

Contractor..Pierre Morilhat, 1333 E-18th, Oakland.

COST, $500

[illegible]

(91) NO. [illegible] [illegible] Oakland. [illegible]

Owner.....[illegible]

Architect ...None.

Contractor..[illegible] Boulevard, Oakland.

COST $[illegible]

BRICK WORK

(92) KENNEDY ST AND RAILROAD AVE, Oakland. All work for brick walls for four-story brick mill bldg.

Owner.....California Cotton Mills Co., Railroad Ave and Cotton, Oakland.

Architect ...None.

Contractor..William Jones, 1011 Franklin, Oakland.

Filed Jan. 15, '17. Dated Jan. 12, '17.

1 story high $[illegible]

[illegible] stories high . [illegible]

[illegible] stories high 2100

4 stories high..... 2100

30 days after 2800

TOTAL COST, $11,208

Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

STORES AND ROOMS

(93) PTN LOTS 38 AND 39 BLK 19 Electric Loop Tract 37.5x100, Oakland. All work for two-story stores and rooms.

Owner.....Silas O Hoxie.

Architect ...None.

Contractor..Harry C. Knight, 1601 Telegraph Ave., Oakland.

Filed Jan. 15, 17. Dated Dec. 13, '16.

Lot deeded . . . . . $ 850

1st floor joists laid..... 850

2nd floor joists laid..... 1200

Roof on 1200

Plastered 1250

Completed and accepted..... 950

TOTAL COST, $6300 including lots

Bond, limit, forfeit, none. Plans and specifications filed.

SIDE WALK LIGHTS

(95) NOS. 412-1416 EIGHTH, Oakland. Side walk lights.

Owner.....W. E. Dargie Estate, Oakland Bank of Savings Bldg Oakland.

Architect ...None.

Contractor..P. H. Jackson & Co., 287 1st, San Francisco.

COST, $500

BAKERY

(96) S SEVENTH 200 W Chester, Oakland. Bakery.

Owner..... Golden Gate Bakery, 1497 7th, Oakland.

Architect ...None.

Day's work. COST, $500

BAKE OVEN

(97) NO 1497 SEVENTH, Oakland Bake oven.

Owner.....Golden Gate Bakery, 1497 7th, Oakland.

Architect ...None.

Day's work. COST, $450

ALTERATIONS

(98) NW SIXTH AND MADISON, Oakland. Alterations.

Owner..... Wm. Hamelin, Premises.

Architect ...None.

Day's work. COST, $500

ALTERATIONS

(99) NO [illegible] MADISON, Oakland Alterations.

Owner.....Wm. Hamelin, Cor. 6th and Madison, Oakland.
Architect ...None.
Day's work. COST, $500

GARAGE
(100) NO. 5868 VIRMAR AVE., Oakland. Two-story garage.
Owner.....Mr. Sharon.
Architect ...None.
Contractor..Louis Johnson, Greenbank Ave., Piedmont.
COST, $400

PUMP HOUSE
(101) N "G" 600 W Ninety-second Ave., Oakland. Pump house..
Owner.....Union Water Co., Premises.
Architect ...None.
Contractor..J. M. Ough, Syndicate Bldg Oakland.
COST, $400

OFFICE
(102) TWENTY-EIGHTH & POPLAR, Oakland. One-story office.
Owner.....Ransome-Crummey Co., 1st Trust Bldg., Oakland.
Architect ...None.
Day's work. COST, $700

DWELLING
(103) N AILEEN 450 W Shattuck Ave., Oakland. One-story 6-room dwlg.
Owner.....E. C. Smith.
Architect ...None.
Contractor..Wm. Eissler.
COST, $1800

DWELLING
(104) S SANTA RAY 50 W Poloma, Oakland. One and one-half-story 7-room dwelling.
Owner.....W. A. Cooper.
Architect ...None.
Contractor..C. M. Blabon, 3424 Chauncey, Oakland.
COST, $3000

FENDER PILES
(114) WEBSTER ST. BRDIGE, Oakland. Construct fender piles.
Owner.....Alameda County.
Architect ...None.
Contractor..Hyde, Harjes Co., 110 Market, San Francisco.
COST, $1154

BULKHEAD, ETC.
(115) EMERYVILLE. All work for bulkheading and dredging.
Owner.....The Paraffine Paint Co., 40 1st, San Francisco.
Engineer ...Leland S. Rosner, Insurance Exchange Bldg., S. F.
Contractor..Standard American Dredging Co., 582 Market, S. F.
Filed Jan. 16, '17. Dated Jan. 15, '17.
Piling completed $3000
All lumber on ground..... 2500
Bulkheading and reservoir completed 4500
50% of dredging completed..... 4700
Completed and accepted..... 4700
Usual 35 days.....Balance
TOTAL COST, $25,612
Bond, $13,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days for bulkhead and 180 days for dredging. Forfeit, $50. Plans and specifications filed.

DWELLING
(116) N ARKANSAS 35 E Curran Ave., Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(117) N ARKANSAS 75 E Curran Ave., Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(118) S MONTANA 75 E Curran, Oakland. One-story 5-room dwelling.
Owner.....A. Hunse, 4454 Fleming Ave., Oakland.
Architect ...None.
Day's work. COST, $1500

DWELLING
(119) S MONTANA 115 E Curran, Oakland. One-story 5-room dwelling.
Owner.....A. Hunse, 4454 Fleming Ave., Oakland.
Architect ...None.
Day's work. COST, $1500

DWELLING
(120) N FLEMING AVE 60 E Courtland, Oakland. One-story 5-room dwelling.
Owner.....A. Hunse, 4454 Fleming Ave., Oakland.
Architect ...None.
Day's work. COST, $1500

ADDITION
(121) NO. 57 MONTE VISTA AVE., Oakland. Addition.
Owner.....Miss Mary C. McClees, 57 Monte Vista Ave., Oakland.
Architect ...None.
Contractor..E. S. Thompson & Son, 3650 Broadway, Oakland.
COST, $400

DWELLING
(122) NO. 6301 TELEGRAPH AVE., Oakland. One-story 3-room dwlg.
Owner.....F. W. Swigart, Premises.
Architect ...None.
Contractor..G. O. Williams, 569 59th, Oakland.
COST, $400

ALTERATIONS
(123) NE THIRTEENTH AND WASHington, Oakland. Alterations.
Owner.....E. D. Porter, 613 Hobart Bldg.., San Franciocs.
Architect ...None.
Day's work. COST, $500

DWELLING
(124) W AUSEON AVE 45 S Plymouth Oakland. One-story 6-room dwelling
Owner.....Lewis & Mitchell, Inc., 1520 Broadway, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(125) W EDGEWOOD 124 N Wellington, Oakland. One and one-half-story 7-room dwelling.
Owner.....Estelle S. Joyce, 1923 "B," San Francisco.
Architect ...None.
Contractor..R. H. Kelly, 5444 Trask, Oakland.
COST, $3300

BOILER HOUSE, ETC.
(137) —FRONTING "A" bet. Southern Pacific Railroad Tracks and Hathaway Ave., Hayward. All work for boiler house, catsup house and salt houses.
Owner.....Pacific Vinegar & Pickle Works.
Architect ...None.
Contractor..John D. Haar, Hayward.
Filed Jan. 17, '17. Dated Jan. 11, '17.
Fifth day of each month..... 75%
36 days after..... 25%
TOTAL COST, $40,850
Bond, $20,000. Sureties, F. I. Lemos and M. J. Madison. Limit, 120 days from Jan. 17. Forfeit, none. Plans and specifications filed.

CONCRETE FACTORY
(138) E GROVE 90.35 S 29th S 49.89 E 110.37 N 50 W 115.11, Oakland. All work for one-story concrete factory.
Owner.....J. and Victoria Gensler, 312 12th, Oakland.
Architect ...A. W. Smith, 1010 Broadway, Oakland.
Contractor..H. M. Frostholm, 6457 Colby, Oakland..
Filed Jan. 17, '17. Dated Jan. 12, '17.
Ready for trusses.....$1160
Enclosed and skylights set..... 1160
Completed and accepted..... 1160
Usual 35 days..... 1165
TOTAL COST, $4645
Bond, $2322.50. Surety, Maryland Casualty Co. Limit, March 27. Forfeit, $5. Plans and specifications filed.

DREDGING
(139) BOUNDED ON N BY FIRST, S by Oakland Harbor, W by Myrtle St., and E by Clay St., Oakland. All work for dredging about 18,000 cubic yards
Owner.....Pacific Gas & Electric Co., 13th and Clay, Oakland.
Architect ...None.
Contractor..Pacific Coast Dredging Co., 112 Market, S. F.
Filed Jan. 17, '17. Dated Jan. 8, '17.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, 16½ cts. cu. yd.
Bond, $1500. Surety, Massachusetts Bonding & Insurance Co. Limit, 15 days. Forfeit, plans and specifications none.

REPAIRS
(140) NO. 1726 WEST, Oakland. Fire repairs.
Owner.....S. Cianciarulo, 733 9th, Oakland.
Architect ...None.
Contractor..John Perona, 568 7th, Okd.
COST, $1187

DWELLING
(141) N FORTY-FIFTH 90 W West, Oakland. One-story 4-room dwlg.
Owner.....John Gelder, 4525 West, Oakland.
Architect ...None.
Day's work. COST, $1200

DWELLING
(142) S E-SIXTEENTH 165 W Fruitvale Ave., Oakland. One-story 6-room dwelling.
Owner.....Ed Sigueria, 2432 E-14th, Oakland.
Architect ...None.
Day's work. COST, $1800

DWELLING
(143) E CLAREMONT AVE 130 S Forest, Oakland. One-story 6-room dwelling.

Owner.....C. J. Prang, 548 Claremont Ave., Oakland.
Architect ...None.
Day's work. COST, $2500

DWELLING
(1144) W SHAFTER AVE 210 N Forest Oakland. One-story 6-room dwelling
Owner.....B. H. Strong, 5649 College Ave., Oakland.
Architect ...None.
Contractor..Strong Realty Co., 5649 College Ave., Oakland.
COST, $2500

OFFICE BUILDING
(1145) NW FORTIETH AND PIEDmont Ave., Oakland. Two-story store and office building.
Owner.....Mrs. E. L. Turner, 255 Ridgeway Ave., Alameda.
Architect ...Julia Morgan, Merchants' Exchange Bldg., S. F.
Day's work. COST, $16,000
NOTE:—Work under way.

DWELLING
(1149) NO. 351 SANTA CLARA AVE., Oakland. Two-story 9-room dwlg. .
Owner.....J. A. Brett, 727 59th, Okd.
Architect ...None.
Day's work. COST. $4800

DWELLING
(150) E GILBERT 200 N 41st, Oakland. One-story 3-room dwelling.
Owner.....J. A. Hackey, 4115 Gilbert, Oakland.
Architect ...None.
Contractor..Matt Koski, 35 Ramona Ave., Oakland.
COST, $500

DWELLING
(151) W MAGNOLIA 300 N 30th, Oakland. One-story 6-room dwelling.
Owner.....J. P. Nessen, 1046½ Keith Ave., Berkeley.
Architect ...None.
Day's work. COST, $1800

ALTERATIONS
(152) NO. 6140 FREMONT, Oakland Alterations and addition.
Owner.....Mrs. M. Langley.
Architect ...None.
Day's work. COST, $500

OFFICE BUILDING
(153) S LAKESHORE AVE 50 W Mandana Blvd., Oakland. . One-story 3-room office building.
Owner.....Wickham Havens Inc., 1308 Broadway, Oakland.
Architect ...L. C. Mullgardt, Chronicle Bldg., San Francisco.
Constr. Manager..Frederick Whitton, 251 Kearny, S. F.
COST, $3500

ALTERATIONS
(154) NO. 1444 BROADWAY, Oakland. Alterations.
Owner.....Realty Syndicate Co., Prem
Architect ...None.
Day's work. COST, $750

SHOP
(155) E WEBSTER 200 N 24th, Oakland. One-story blacksmith shop.
Owner.....C. T. Hampel, 2415 Valdez, Oakland.
Architect ...None.
Contractor..W. E. Whalin, 565 16th, Oakland.
COST, $500

(156) N TWELFTH 300 W Kirkham, Oakland One-story 5-room dwlg
Owner ...Patrick Walsh, 1107 12th, Oakland.
Architect .. None
Day's work. COST, $1600

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
92	Meriwether	Assoc Oil	750
105	Allison	Allison	100
106	Hinkel	Sommarstrom	500
107	Chambers	Heafey	400
108	Hillen	Hillen	2000
109	Same	Same	2000
110	Same	Same	2000
111	Same	Same	2000
112	Same	Same	2000
113	Same	Same	2000
126	Henry Invst	Owner	500
132	Mork	Mork	1400
133	Aldridge	Wendt	3000
134	Clough	Peake	6000
135	Behlow	Hansen	2250
136	Same	Same	2200
145	Schulze	Schulze	400
146	Hall Scott	Owner	1200
147	Same	Same	1600

SERVICE STATION
(92) NW HASTE & SHATTUCK AVE., Berkeley. Service station.
Owner.....Mrs. M. Meriwether, 1514 Alice, Oakland.
Architect ...None.
Contractor..Associated Oil Co., Sharon Bldg., San Francisco.
COST, $750

DWELLING
(105) N BANCROFT 80 W Browning, Berkeley. One-story 4-room dwlg.
Owner.....C. H. Allison, 34 Brookside, Berkeley.
Architect ...None.
Day's work. COST, $1000

ALTERATIONS
(106) NO. 2520 CHANNING WAY, Berkeley. Alterations.
Owner.....John Hinkel, Premises.
Architect ...None.
Contractor..Sommarstrom Bros., 2427 Telegraph Ave., Oakland.
COST, $500

SHED
(107) NO. 2616 EIGHTH, Berkeley. Shed.
Owner.....Chambers & Heafey, Bacon Bldg., Oakland.
Architect ...None.
Day's work. . COST, $400

DWELLING
(108) E Byron 100 N Channing, Berkeley. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect . .None.
Day's work. COST, $2000

DWELLING
(109) W BROWNING 100 N Dwight Way, Berkeley. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(110) E BROWNING 100 S Allston Way, Berkeley, One-story five-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(111) W BYRON 100 S Channing Way, Berkeley One-story 5-room dwlg
Owner ...R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work COST, $2000

DWELLING
(112) E BRUCE 100 N Dwight Way, Berkeley One-story 5-room dwlg
Owner ...R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $4000

DWELLING
(113) NO. 2328 CURTIS, Berkeley. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

GARAGE
(126) NO. 1809 EUCLID AVE (rear), Berkeley. Garage.
Owner.....Henry Investment Co., 1807 Euclid Ave., Berkeley.
Architect ...None.
Day's work. COST, $500

DWELLING
(132) E NORTHSIDE AVE 225 S Santavee Ave., Berkeley. One-story 5-room dwelling.
Owner.....Walter Mork, 2827 8th, Berkeley.
Architect ...None.
Day's work. COST, $1400

DWELLING
(133) N SONOMA AVE 200 E Monterey, Berkeley. One-story 7-room dwelling.
Owner.....W. T. Aldridge, 1272 Monterey, Berkeley.
Architect ...None.
Contractor..G. H. Wendt, Emeryville.
COST, $3000

DWELLING
(134) SW MENDOCINO AND ARLINGton, Berkeley. Two-story 8-room dwelling.
Owner.....Mrs. J. E. Clough, 2427 Prospect, Berkeley.
Architect ...Wood & Simpson, 110 Sutter, San Francisco.
Contractor..F. R. Peake, 2131 University Ave., Berkeley.
COST, $6000

DWELLING
(135) S BEVERLY PLACE 180 E Colusa, Berkeley. One-story five-room dwelling.
Owner.....Blanch Behlow, 1177 Filbert, San Francisco.
Architect ...W. L. Brodrick, 1201 Colusa Ave., Berkeley.
Contractor..J. S. Hanson, 1313 Blake, Berkeley.
COST, $2250

DWELLING
(136) N JOSEPH (now Beverly Place) 120 E Colusa, Berkeley. One-story 5-room dwelling.
Owner.....Blanch Behlow, 1177 Filbert, San Francisco.
Architect ...W. L. Brodrick, 1201 Colusa Ave., Berkeley.
Contractor..J. S. Hanson, 1313 Blake, Berkeley.
COST, $2200

ALTERATIONS
(145) NO. 2034 VIRGINIA, Berkeley. Alterations.
Owner.....Herman O. Schulze, 1731 Carlton, Berkeley.
Architect ...None.
Day's work. COST, $400

FACTORY
(146) FIFTH AND SNYDER, Berkeley. One-story 1-room factory.
Owner.....Hall Scott Motor Car Co., Premises.
Architect ...Edw. T. Foulkes, Crocker Bldg., San Francisco.
Day's work. COST, $1200

FACTORY
(147) FIFTH AND SNYDER, Berkeley. One-story one-room factory.
Owner.....Hall Scott Motor Car Co., Premises.
Architect ...Edw. T. Foulkes, Crocker Bldg., San Francisco.
Day's work. COST, $1600

DWELLING
(157) W ORDWAY 293 N Hopkins, Berkeley. One-story 5-room dwlg..
Owner.....I. Ariel Kellogg, 4246 Redding, Oakland.
Architect ...None.
Day's work. COST, $1500

Building Contracts Awarded.

Alameda

127	Kitterman	Rose	500
128	Kearny	Stewart	200
129	Noble	Noble	2000
130	Same	Same	2000
131	Same	Same	2000

TANK FRAME
(127) NO. 855 CEDAR, Alameda. Tank frame.
Owner.....Jas. Kitterman, Premises.
Architect ...None.
Contractor..F. F. Rose & Co., 2005 San Jose Ave., Alameda.
COST, $500

DWELLING
(128) NO. 1354 FERNSIDE BLVD., Alameda. Two-story 6-room dwlg.
Owner.....J. G. Kearny, 1332 High, Alameda.
Architect ...None.
Contractor..G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(129) NO. 1504 VERDI, Alameda. One-story 5-room dwelling.
Owner.....Geo. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(130) NO. 1514 VERDI, Alameda. One-story 5-room dwelling.
Owner.....Geo. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(131) NO. 1500 VERDI, Alameda. One-story 5-room dwelling.
Owner.....Geo. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Jan. 12, 1917—W MILES AVE 50 S Forest, Okd. H S Butler to whom it may concern.....Jan. 12, 1917
Jan. 12, 1917—LOT 33 AND W 14 LOT 32 Central Key Route Tract, Okd. Emma Westwood to Charles Westwood .....Jan. 11, 1917
Jan. 15, 1917—LOT 161 Sheet 1 Nova Piedmont, being Oakland Ave 69 W San Carlos, Piedmont. M L Harris to Russell Elder and A E Wood.....Jan. 6, 1917
Jan. 15, 1917—SE COR PARKER AND Hillegass Ave, Bkly. Mrs Mary A Lindblom to H P Nelson.....Jan. 10, 1917
Jan. 16, 1917—W MUIR AVE 164.01 S Lafayette Ave S 95.00 W 150, Piedmont. William G Volkmann to whom it may concern....Jan. 6, 1917
Jan. 16, 1917—LOT 7 BLK 2 Map Subdivision Fruitvale Heights, Okd. J B Clifford to whom it may concern.....Jan. 13, 1917
Jan. 17, 1917—LOT 31 Peralta Terrace Tract, Okd. I A Kellogg to whom it may concern..Jan. 17, 1917
Jan. 18, 1917—NE SECOND AND Harrison 75x150, Okd. Dante Market Co, Inc to A D Nelson and Chas. Forsyth.....Jan. 10, 1917
Jan. 19, 1917— 50 ON MISSION ST. running throught to Main bded on E by property Elmer Graybill; W property W H Jackson, Irvington. Mowry A Graybill to F C Griffin Sons .....Jan. 10, 1917
Jan. 19, 1917—PTN LOTS 55, 56 AND 57, Melrose Blvd Tract, Okd. C A Jackson to whom it may concern .....Jan. 16, 1917
Jan. 19, 1917—E FRANKLIN, bet. 3rd and 4th, Okd. The Fruit Produce Realty Co, Inc to J P and C Christensen.....Jan. 13, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT
Jan. 12, 1917—LOT 1 BLK 6 Map Highland Sbdvn Adams Point Ppty Okd. Sunset Lumber Co vs W M Greuner and V Z Rutherford.$1079.70
Jan. 13, 1917—NW NINETEENTH AV 35 SW E-Nineteenth SW 35xNW 130, Okd. S Bushman, $82; California Standard Planing Mill Co, $65.55; Walter W Lydiksen (California Hardware Co), $93.22 vs William B White.....
Jan. 18, 1917—S PACIFIC AVE 125 W Fifth W 37½xS 150, Alameda. Sunset Lumber Co vs Frank Sacconago and B Caru.....$46.99
Jan. 19, 1917—NW THIRTEENTH Ave 110 SW E-19th NW 115 SW 2.5 NW 35 SW 37.05 SE 150 NE 40, Okd. F W Foss Co vs Robert J Bell and J G Stewart.....$100
Jan. 19, 1917—N E-ELEVENTH 75 E 27th Ave E 25xN 100, Okd. Chas S Shaner vs Salvatore Spingolapi and Peter Bastvino $18.30

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGES—Reinforced concrete. Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. At the last meeting of the County Supervisors the Clerk was authorized to call for bids for the construction of four bridges in the Pajaro Supervisorial District of this valley. One will be put in at the crossing of the College Creek at the junction of the College and Lakeview roads. The other three are located in the Green Valley District between the hairpin curve and Mt. Madonna roads, each of which crosses the Green Valley Creek. Plans may be had from the County Clerk.

CRUSHED ROCK—Cost as follows. Santa Cruz, Santa Cruz Co., Cal. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. The Granite Rock Co., Salinas, Cal., has been awarded a contract by the County Supervisors for furnishing crushed rock for the ensuing year. They submitted the same bid as last year, which was $.80 per ton on rock and $.40 per ton on the screenings or waste.

RESIDENCE ALTERATIONS AND ADDITIONS—2 story, frame, $5,500. Warm Springs, Santa Clara Co., Cal. Architect, F. D. Wolfe, Bank of Italy Bldg., San Jose. Owner, Mr. Curtner. Work will consist of adding a bath room and interior alterations. Plans being prepared.

RESIDENCES—2, 1 story and base, frame, $1,800 each. San Jose, Santa Clara Co., Cal. Architect, F.. D. Wolfe, Bank of Italy Bldg., San Jose. Owner, Carl Meuhr. Location, Locust and Park streets. Each dwelling will contain five rooms, bath and sleeping porch. Plans being prepared.

RESIDENCE—1 and 2 story and base, frame, $30,000. Santa Cruz, Santa Cruz Co., Cal. Architect, Edward J. Symmes, Pacific Bldg., S. F. Owner, Charles C. Moore. Location, High St. Designed for a country home and will contain fourteen rooms, four baths and sleeping porch. Separate garage. Plans complete and work to be carried on under the direction of Miss L. F. Martin.

ELECTROLIER SYSTEM—Cost not stated. Salinas, Monterey Co., Cal. Engineer, C. T. Phillips, Pacific Bldg., S. F. Owners, City of Salinas. The system will require 65 ornamental electroliers, underground conduit and the construction of a one-story reinforced concrete substation. Bids will shortly be called.

HIGHWAY GRADING — $3,556.30. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Contractor, P. H. McEvoy, Railroad avenue, Menlo Park. Contract price, $3,556.30.

COUNTRY CLUB—1 and 2 story, frame and concrete, $50,000. San Mateo, San Mateo Co., Cal. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, Lakeside Club. Location, near Lake Merced. Will contain living rooms, large banqut room, social hall, etc.. Plans are being prepared.

HOSPITAL COTTAGE—1 story, concrete, $18,933. Agnews, Santa Clara Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Monson Bros., 1907 Bryant street, S. F., presented the lowest figure for this work and will probably be awarded the contract. A complete list of the bids will be found under the heading of Bids Opened in this issue.

SCHOOL—1 story, frame and plaster, $18,000. Belmont, San Mateo Co., Cal. Architect, Norman R. Coulter, 46 Kearny street, S. F. Owners, Belmont School District. Will contain four class rooms and two open air play rooms, which may be converted into class rooms. Plans are being prepared.

STREET PAVING Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. The City Council are making preparations providing for the improvement of Ocean View avenue and Bay street. Bids on the work will probably be called within the next few weeks.

BUILDING CONTRACTS

SAN MATEO COUNTY.

PAINTING, ETC.
CANADA DE RAYMUNDO ("Filoli"), San Mateo. All work for painting and decorating main rooms and bed rooms in residence.
Owner.....W. B. Bourn, 375 Sutter St., San Francisco.
Architect ...Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor..J. H. Keefe Co., 1442 Bush St., San Francisco.
Filed Jan. 12, '17. Dated Jan. 9, '17.
Payments of 75% and 25%.....
TOTAL COST, $7356
Bond, $3750. Surety, Hartford Accident & Indemnity Co. Limit, March 1, 1917. Forfeit, $10 per day. Specifications only filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BOULEVARD — Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans for improving a ten-foot strip on either side of the car tracks on Garrard boulevard from Ohio street to the point, have been completed by the City Engineer, and bids will be called for shortly by the Council.

STREET IMPROVEMENT Cost as follows. Martinez, Contra Costa Co., Cal. Engineer, City Engineer, Martinez. The Town Trustees have awarded a contract to O'Brien Bros., Main street, Martinez, for the following work: That cement sidewalks be constructed on both sides of Thompson street, from Bereallesa street to Mason street. The prices were: For constructing redwood, 12c per lineal foot. For constructing cement sidewalks, except curved ends, 12c per square foot. For constructing curved ends of cement sidewalks, 40c per lineal foot.

STREET IMPROVEMENTS—Cost not stated. Vallejo, Solano Co., Cal. Engineer's name not given. Owners, East Vallejo Annex Realty Co., Humboldt Bank Bldg., S. F. Contractors, Worswick Construction Co., Vallejo. Contract covers 50 blocks. Contract price not stated.

MACHINE SHOP—1 story, steel frame, $100,000. Mare Island, Cal. Engineer, Carl A. Carlson, Mare Island. Owners, United States Government. Bids will be opened on February 5th by the Bureau of Yards and Docks, Washington, D. C., for a building 60 feet high and covering an area of 120 by 120 feet. Plans can be secured from the office of the engineer.

CHURCH—1½ story and base, frame, $2,500. Richmond, Contra Costa Co., Cal. Architect, Francis Reid, Concord. Owners, First Christian Church. Location, Sixth street and Bissell avenue. Will contain main auditorium and Sunday school rooms. Plans complete and work to be done by Day Labor.

FACTORY—1 story and base, frame, $6,500. Richmond, Contra Costa Co., Cal. Architect, W. J. Forsythe, 843 Van Ness avenue, S. F. Owner, Herbert F. Brown. Has been leased to a well known manufacturing firm. Plans complete and work to be figured at once.

HOSPITAL—1 story, reinforced concrete. Cost not stated. Martinez, Contra Costa Co., Cal. Architect, Guy T. Smith. Owners, Contra Costa County. Bids will be opened on February 19th for this building. Plans show eleven wards. Complete information can be secured from the County Clerk.

RESIDENCE—1 story and base, frame, $1,500. Richmond, Contra Costa Co., Cal. Architect, none. Owner, Mrs. H. B. Hyatt, 202 Macdonald avenue, Richmond. Location, 6th street between Ripley and Pennsylvania. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME COTTAGE
HEALY ST., bet. 24th and 25th Sts., Richmond. One-story frame cottage.
Owner.....Herbert F. Brown, 23rd & Macdonald, Richmond.
Architect ...J. W. Forsyth, 843 Van Ness Ave., S. F.
Contractor..P. M. Sanford, Richmond.
COST, $1400

FRAME CHURCH
BISSELL ST., bet. 5th and 6th Sts., Richmond. One and one-half-story and basement frame church.
Owner.....First Christian Church.
Architect ...F. W. Reid, Concord, Cal.
Day's work. COST, $2500
FRAME COTTAGE
SIXTH ST., bet. Ripley and Pennsylvania Sts., Richmond. One-story frame cottage.
Owner.....Mrs. H. B. Hyatt, 202 Macdonald ve., Richmond.
Architect ...None.
Day's work. COST, 1500

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STREET IMPROVEMENTS—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids will be opened on January 29th for street improvements authorized under the following resolution: That Summer street, between Kern street and Union avenue, be graded and subbase tamped, and that cement concrete pavement, with bithulithic wearing surface; cement concrete curbs and gutters; cement concrete culverts covered with corrugated iron and provided with cast iron manhole frames fitted with steel covers be constructed thereon between the points hereinbefore designated.

HIGHWAY CONSTRUCTION—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. At the last meeting of the County Supervisors the board instructed the clerk to advertise for bids for the construction of section 9 section 4 of the Bakersfield-Glennville road. Bids will be received until 10:30 February 6th. Bids were also asked for the construction of another section of the same road and will be received until 11 o'clock February 6th. Plans may be had from the County Clerk.

STREET IMPROVEMENTS—Cost as follows. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. At the last meeting of the City Council the contracts for paving the alleys in blocks 80 and 87 were awarded to Thompson Bros., 1311 H street, Fresno, whose bids were 2 cents per square foot for grading, 14.9 cents for paving a square foot and 16 cents a foot for curbing. Other bidders were the Worswick Street Paving Co., Clark & Henery, Federal Construction Co. and the California Road and Street Improvement Co.

IRRIGATION WORK—Cost not stated. Merced, Merced Co., Cal. Engineer, Stovall, Merced. Owners, Crocker-Huffman Land and Water Co. The Crocker-Huffman Land and Water Co. has commenced on the construction of a $10,000 spillway at the end of the Livingston canal of the company's irrigation system. The spillway is located at the ranch of Frank McConnell near Livingston, and its purpose is to enable the water to be spilled back into the river in case of a break in the canal. The company is preparing to establish a second construction camp in the Livingston vicinity to commence rebuilding the canals of the system there. Another work to be undertaken soon will be the rebuilding of the barns, granary and other structures on the Bellevue ranch, which were destroyed by fire recently. The plans now are being prepared by S. L. Stovall, recently of Visalia, who recently was appointed chief construction engineer for the Crocker-Huffman institution. Engineer Stovall is directing the improvements at Livingston.

IRRIGATION WORK—Cost not stated. Waterford, Stanislaus Co., Cal. Engineer, Chief Engineer, Waterford. Owners, Waterford Irrigation District. Bids will be opened on February 19th at 10 a. m. for the following work: To construct portions of the main canals of the Waterford Irrigation District. Proposals will be received on three separate sections of the work, which shall be known and described as follows, to wit: 'Section No. 8, which is that portion of the distributing system known and described as Lateral "B." Section No. 9, which is that portion of the distributing system known and described as Lateral No. 2. Section No. 10, which is that portion of the distributing system known and described as Lateral No. 3.

STREET IMPROVEMENTS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be opened on February 5th for street improvements authorized under the following resolutions: That Inyo street from

the north line of Van Ness avenue to the southwest line of Santa Fe avenue, in the city of Fresno, be graded, curbed and guttered with cement curb and gutter, and paved with a pavement consisting of a 5-inch cement concrete base and a 2-inch bitulithic wearing surface and culverted with corrugated iron culverts.

That the alley in block 88 of the city of Fresno, from the northwest line of Stanislaus street to the southeast line of Calaveras street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a bithulithic wearing surface 1½ inches thick.

That the alley in block 88 of the city of Fresno, from the northwest line of Merced street to the southeast line of Tuolumne street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a bithulithic wearing surface 1½ inches thick.

Bids must be accompanied by a certified check of 10 per cent, payable to Mayor of the city. W. H. Ryan is City Clerk and from whom plans may be had.

STREET IMPROVEMENTS Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, City Engineer George Freitas, Modesto. Owners, City of Modesto. At the last meeting of the Modesto City Council plans and specifications as drawn by the City Engineer were adopted for paving with 4-inch concrete base and 1½ inch bitulithic surface, 16th street, from I to Needham. Plans and specifications for paving with the same materials were ordered for 11th street, from K to L, and for 13th street ,from K to L Plans for paving 20 feet wide were also ordered for the Maze road, H street, to connect with Paradise road, and 14th and Gerard to connect with the Waterford road, the improvements being necessary in order to have approaches to the city in keeping with the county highways from these directions.

APARTMENT HOUSE—2 story and base, frame, $25,000. Modesto, Stanislaus Co., Cal. Architect, none. Owner, George Perley, Modesto. Location, 11th street, covering an area of 50 by 140 feet. Will contain stores on the first floor. Plans complete.

CONTRACT AWARDED

WAREHOUSE—2 story and base, $50,000. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Pacific Coast Grocer Association. Contractors, Trewhitt & Shields, Rowell Bldg., Fresno. Contract price, $50,000.

LODGE HALL—2 story and base, reinforced concrete, $16,000. Los Banos, Merced Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Odd Fellows' Hall Association. Will contain three stores on the first floor and lodge rooms above Plans are being prepared.

ADDITION TO CLUB HOUSE -1 story, frame, $7,000. Fresno, Fresno Co., Cal. Architect's name not given. Owners, Sunnyside Country Club. This addition will consist of a large ball room. Plans are being prepared.

POST OFFICE—2 story and base, brick, stone and steel, $134,000. Bakersfield, Kern Co., Cal. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Grant Fee, 2440 16th street, S. F., presented the low figures for this work at $134,000 and will probably be awarded the contract. A complete list of the bids will be found under the heading of Bids Opened in this issue.

STORES—1 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, none. Owners, Kern Plumbing Co.. Location, 950 Baker street, covering an area of 30 by 90 feet. Plans complete and work to be done by Day Labor.

STORES AND OFFICES—6 story and base. Class A construction, $151,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Cory Bldg., Fresno. Owner, Mrs. Nellie Mason. Contractors, Riggins & Palmer, Fresno, represented in San Francisco by P. A. Palmer, Monadnock Bldg. Contract price, $151,000. Plumbing awarded to Barrett-Hicks Co., Fresno, for $24,800.

IRRIGATION PIPE LINES—Reinforced concrete, $400,000. Fresno, Fresno Co., Cal. Engineer's name not given. Owners, M. and E. Allen, Fresno. Contractors, Bent Bros. Construction Co., Central Bldg., L. A. Contract includes 125 miles of concrete pipe, mostly 16-inch hand-made pipe.

Contract Awarded.

STREET PAVING—$16,948.50. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Contractors, Thompson Bros., 1514 H street, Fresno. Contract price, $16,948.50

ELECTROLIER SYSTEM — $6,950. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Contractors, Valley States Electric Co., Fresno. Contract price, $6,950.

HIGHWAY CONSTRUCTION — Cost as follows. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. The contract for the construction of the unit of improved highway from Douty street in this city to the Alcorn bridge, five miles north, and the unit through the Aydelott and Phillips ranches northwest of this city, has been awarded by the Board of Supervisors to Blanchard & Brown, 660 Market street, S. F. When the highway commission was about to recommend a rejection of the bid, the bidders agreed to make a cut in the grading price and the price of laying the pavement. The cut in grading was from 85 cents to 75 cents per cubic yard for the grading and from 4.6 cents to 4.5 cents per square yard for laying the paving. The width is specified as 16 feet.

BUILDING CONTRACTS

FRESNO COUNTY.

PTN BLK 166, Fresno. All work for sanitarium.
Owner.....Burnett Sanitarium Co., Fresno St., Cor. S, Fresno.
Architect ...J. E Kraft & Sons, Phelan Bldg., San Francisco.
Contractor..R. F. Felchlin, Rowell Bldg., Fresno.
Filed Jan. 12, '17. Dated Jan. 8, '17.
Monthly payments of..... 75%
Usual 35 days.....Balance
TOTAL COST, $89,132.50
Bond, $45,000. Sureties, E. F. Lacour and Mary A. Felchlin. Limit, 200 working days. Forfeit, none. Plans and specifications filed.

LOT 28 BLK 50, Fresno. All work for structural steel for boiler house.
Owner.....Pacific Gas & Electric Co., J St., Cor. Tuolumne St.
Architect ...None.
Contractor..J. H. Burnett Iron Works, Inc., Santa Fe Ave., Cor. San Benito, Fresno.
Filed Jan. 13, '17. Dated Dec. 28, '16.
On completion 75%
Usual 35 days.....Balance
TOTAL COST, $1775
Bond, $900. Surety, Aetna Accident & Liability Co. Limit, 6 weeks. Forfeit, none. Plans and specifications filed.

LOT 26 BLK 21, Alta Vista Tract, Fresno. Dwelling.
Owner.....A. H. Osborn, 874 Inez St., Fresno.
Architect ...None.
Contractor..Reese & Atkins, 743 Weldon St., Fresno.
COST, $3200

LOTS 17 TO 27 BLK 141, Fresno. All work for brick warehouse.
Owner.....Pacific Coast Grocer Co.
Architect ...Glass & Butner, Republican Bldg., Fresno.
Contractor..Trewhitt & Shields Co., Rowell Bldg., Fresno.
Filed Jan. 15, '17. Dated Jan. 12, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $42,233.50
Bond, $21,117. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 working days from Jan. 16, 1917. Forfeit, none.. Plans and specifications filed.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

STREET IMPROVEMENT—Cost not stated. Colusa, Colusa Co., Cal. Engineer, City Engineer, Colusa. Owners, City of Colusa. Bids will be opened on February 5th at 7:30 p. m. for street improvements authorized under the following resolution: That Clay street, from 9th to 8th street; Jay street, from 12th to 11th street and from 11th to 10th street; 9th, from Jay to Oak street; Oak, from 9th to 8th street, for a width of 48 feet, being 24 feet on each side of the center line; be graded to the official grade and graveled.

STREET IMPROVEMENT—Cost as follows. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. The bid of Elsemore & Jacobs of Eureka at $1,143 for the improvement of Broadway was rejected by the City Council and new bids were ordered received on the same specifications.

RESIDENCE — 1 story and base, frame, $1,200. Sacramento, Cal. Architect, none. Owner, S. A. Boltz, 2216 23rd street, Sacramento. Location, 1315 48th street. Will contain four rooms and bath. Plans complete and work to be done by Day Labor. .

FIRE HOUSE—2 story and base, brick. Cost not stated. Tracy, San Joaquin Co., Cal. Architects, Sala & Mayo, Commercial and Savings Bank Bldg., Stockton. Owners, City of Tracy. Revised plans have been completed and new bids are now being called for. Bids will be opened on January 29th.

CHURCH—2 story and base, frame, $7,500. Ferndale, Humboldt Co., Cal.

Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Congregational Church. Will contain main auditorium, Sunday school rooms and pastor's study. Plans ready for figures in about two weeks.

JAIL, 1 story, concrete. Cost not stated. Crescent City, Del Norte Co., Cal. Architect's name not given. Owners, Del Norte County. Plans for this building have been rejected and new plans will be ordered at once.

FACTORY, 1 story, brick and frame, $5,864. North Sacramento, Cal. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Essex Lumber Co. Contractor, I. C. Ross, 914 27th street, Sacramento. Contract price, $4,864.

HOTEL, 2 story, frame, $50,000. Lake Tahoe, Cal. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owners, Bijou Inn Co. Will contain 60 rooms and 10 baths, large dining room and lobby. Plans being prepared. A one story club house will also be erected.

HOSPITAL—1 story, frame, $2,460. Crescent City, Del Norte Co., Cal. Architect, none. Owners, Del Norte County. All bids for this building have been rejected. Plans will be revised and new figures called.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

S 100 FEET OF E ½ LOT 8 I. J. 19th and 20th Sts., Sacramento. Remodel front and interior of dwelling.
Owner.....Song Hing, 725 J St., Sacramento.
Architect ...None.
Day's work. COST, $1000

W ½ OF S 100 FEET LOT 7 I. J. 19th and 20th Sts., Sacramento. Stable.
Owner..... Song Hing, 725 J St., Sacramento.
Architect ...None.
Day's work. COST, $750

NO. 1315 FORTY-EIGHTH ST., Sacramento. One-story 4-room and bath frame dwelling.
Owner.....S. A. Boltz, 2216 33rd St., Sacramento.
Architect ...None.
Day's work. COST, $1200

J, K, SIXTH AND SEVENTH STS., Sacramento. Erect metal marquise on theatre.
Owner.....Breuner Estate, 600 K St., Sacramento.
Architect ...None.
Contractor..Standard Elec. Works. COST, $700

LOS ANGELES AND SOUTHERN CALIFORNIA.

COLLEGE BUILDING, 2 story and base, brick and steel, $150,000. Tucson, Ariz. Architect, J. B. Lyman, Timkin Bldg., San Diego. Owners, University of Arizona. Will cover an area of 200 by 200 feet, and has bee designed for a Mines and Engineering Building. Plans being prepared.

SEWER SYSTEM—Cost as follows: Santa Barbara, Santa Barbara Co., Cal. Engineer, City Engineer A. B. Cook, Santa Barbara. Owners, City of Santa Barbara. Plans for handling the sewage problems of the city and embracing work with an estimated cost of $85,000 have been submitted to the Council and City Engineer, A. B. Cook.

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by Frank S. Gilbert, member of the Los Angeles sanitary engineering firm of Olmsted & Gilbert. The engineering features of the proposed work calls for the erection of a plant for the treatment of sewage, the laying of a 1500-foot outfall line into the ocean, changes to care for the sewage flow in the lower section of the city, and the relaying of pipe lines to eliminate the costly pumping of sewage from the western and most heavily populated section.

STREET IMPROVEMENT—Cost as follows. Fillmore, Ventura Co., Cal. Engineer, City Engineer, Fillmore. Owners, City of Fillmore. The City Trustees have awarded a contract to the Crown Contracting Co., for street work as follows. The improvement on portions of Blaine avenue, 3rd street, 1st street, Sespe avenue, Main street, Santa Clara street, Ventura street, A street, Orange Grove avenue, Fillmore street, Saratoga street and Mountain View street, described in resolution of intention No. 6. The price for the work is as follows: Grading, per lineal foot, 50c; curb, class B, per lineal foot, 20c; sidewalk, per square foot, 8c.

RESIDENCE—2 story and base, hollow tile, $20,000. Los Angeles, Cal. Architect, Charles D. Wagner, Story Bldg., L. A. Owner, Luther Lindauer. Location, northeast 7th street and Serrano avenue. Will contain fourteen rooms and three baths. Plans being prepared and work to be done by Day Labor under the supervision of the architect.

MARKET BUILDINGS AND WAREHOUSES—2, 6 story and 3, 1 story, reinforced concrete, $721,693.30. Los Angeles, Cal. Architect, John Parkinson, Security Bldg., L. A. Owners, Los Angeles Terminal Co. Contractors, Wurster Construction Co., 802½ Central avenue, L. A. Contract price, $721,693.30.

RESIDENCE—1 and 2 story, hollow tile, $15,000. Fallbrook, San Diego Co., Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner's name withheld. Designed for a ranch house and will contain twelve rooms, three baths and sleeping porches. Included in this work will also be a warehouse 80 by 100 feet and refrigerating plant. The latter two buildings will be of reinforced concrete. Plans are being prepared.

PORTLAND AND OREGON.

BRIDGE—Steel or concrete, $500,000. Salem, Ore. Engineer's name not given. Owners, Marion and Polk County. It is announced that bids for a general contract involving the erection of the intercounty bridge spanning the Willamette River at Salem between Marion and Polk Counties will be invited and the contract let before May 1st. Plans have been prepared for some time. Alternate plans were drawn for both a steel and concrete structure, but it is thought that a "high level" concrete viaduct will be specified.

SEWER CONSTRUCTION—Cost not stated. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. For the second time bids have been rejected by the City Council for the reconstruction and repair of the Tanner Creek sewer. New bids will probably be called after plans have been somewhat revised. Giebisch & Joplin of Portland submitted the lowest bid at each call.

APARTMENT HOUSE—4 story and base, brick, $45,000. Astoria, Ore. Architect, A. G. Gendron, Astoria. Owner's name withheld. Will cover an area of 50 by 100 feet and contain a total of 30 suites of two, three and four rooms. Plans are being prepared.

SCHOOL—3 story and base, brick and reinforced concrete, $130,000. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Will cover a ground area of 70 by 205 feet. Besides the class rooms the building will contain an auditorium seating 2,048 people and a cafeteria in the basement seating 537 people. Plans are being prepared.

SEATTLE AND WASHINGTON.

WHARF DOCK—1 story, mill construction, $350,000. Seattle, Wash. Engineer, Chief Engineer, Union Pacific R. R. Co., Seattle. Owners, Union Pacific Railroad Co. Location, Foot of Dearborn street. Plans complete and figures to be called for about March 1.

APARTMENT HOUSE—3 story and base, brick and concrete, $85,000. Seattle, Wash. Architect, S. E. Sonnicksen, Arcade Bldg., Seattle. Owner, Olof Olson. Location, Terry avenue and Virginia street, covering an area of 170 by 120 feet. Will contain suites of two, three and four rooms besides stores on the first floor. Plans are being prepared and figures will be called for about February 20th.

HIGHWAY CONSTRUCTION — Cost as follows. Seattle, Wash. Engineer, County Surveyor, Seattle. Owners, King County. Plans have been completed by County Engineer Sam Humes for the construction of two highways which will aggregate a cost of between $100,000 and $150,000. The largest improvement calls for a concrete or brick paved road between the Duwamish River and Renton Junction to cost between $75,000 and $150,000, known as Permanent Highway No. 3-A. Eight alternative propositions will be bid upon, including brick block, brick monolithic, brick on various depths of concrete base, and one-course concrete. Bids for this will be opened by the County Commissioners on February 27th. The road will be 20 feet wide. The road under the latest contract calls for 3¾ miles of paving. Bids on Permanent Highway No. 15 will be opened February 26th and involve 1⅓ miles of one-course pavement between Duvall and Novelty to cost about $20,000.

STACK—Brick. Cost not stated. Seattle, Wash. Engineer's name not given. Owners, Tacoma Smelting Co. Contractors, Denny-Renton Clay and Coal Co., Hoge Bldg., Seattle. Contract price not stated. Note: The stack will be the tallest in the world, being 600 feet high with a base of 51 feet and the top 30 feet.

Contract Awarded.

HOTEL ADDITION—1 story, brick and steel, $150,000. Seattle, Wash. Architect's name not given. Owners, Rainier Grand Hotel Co. Contractors, Hurley-Mason Co., Worcester Bldg., Portland. Contract price, $150,000.

AWARD CONTRACT FOR FRESNO OFFICE JOB.

Palmer & Riggins, San Francisco and Fresno, to Build Six-story Reinforced Concrete Offices.

FRESNO, Fresno Co., Cal.—Riggins & Palmer, represented in San Francisco by P. A. Palmer, Monadnock Bldg., presented the lowest figures for the general construction of the six-story and basement reinforced concrete store and office building to be erected in Fresno by Mrs. Nellie Mason and were awarded the contract. Their bid was $151,000. Barrett-Hicks Co., Fresno, were awarded the plumbing contract at $24,800. Plans were prepared by Architect Eugene Mathewson, Fresno. Other bids received were as follows:

Mason Office Building.

Riggins & Palmer	$151,000
Trewhitt & Shields	153,198
J. Daly	154,600
Monson Bros.	155,730
Lange & Bergstrom	157,500
J. D. Hannah	159,800
National Fireproofing Co.	161,100

RECEIVE FIGURES FOR BAKERSFIELD P. O.

Grant Fee Low For Limestone and W. D. Lovell of Minneapolis on Sandstone Exterior.

(By Special Wire)

WASHINGTON, D. C., Jan. 15th, 1917.

Eleven sets of figures were opened today by the Treasury Department for the construction of the United States Post Office Building at Bakersfield, Cal. Bids were taken for limestone exterior and sandstone.

Grant Fee, 2440 16th street, San Francisco, presented the lowest bid at $134,000 for limestone and W. D. Lovell, Minneapolis, Minn., the lowest figure for sandstone at $136,000. A contract will be awarded shortly. Following is a complete list of the bids received:

Bakersfield Post Office.

	Limestone	Sandstone
Graeme McDonald, San Francisco	$151,232	$151,232
P. F. Reilly, San Francisco	147,100	149,000
F. C. Caldwell & Son, San Francisco	156,032	148,210
W. D. Lovell, Minneapolis, Minn.	135,000	136,000
L. G. Bergren & Son, San Francisco	154,972	153,772
Frank Gallagher, San Francisco	150,500	.....
James McLaughlin, San Francisco	153,822	152,802
Ward & Goodwin, San Francisco	144,900	146,850
Grant Fee, San Francisco	134,000	.....
J. M. Dougan Co., San Francisco	144,992	146,992
National Fireproofing Co., Washington, D. C.	144,636	144,236

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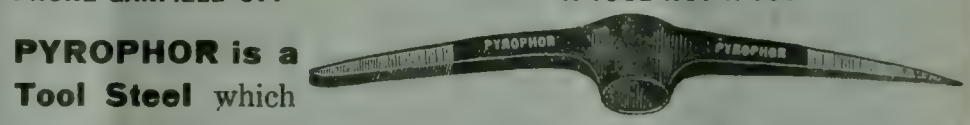
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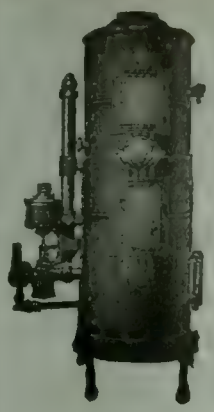
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SACRAMENTO, Cal.—The City Commission has authorized Commissioner of Public Works Thomas Coulter to draft and submit for approval a uniform building law.

This action was taken at the request of the Sacramento Builders' Exchange, who claim building activities are being held back by the lack of a uniform law.

RENO, Nev.—Following a conference of Governor Boyle, Attorney General Thatcher and Reno city officials, it has been decided to introduce a bill in the Legislature, compelling Reno to erect a modern sewage plant, at a cost of $150,000. The proposed sum will be raised by the sale of 20-year bonds.

It has been found the State has no power to force the Floriston paper mill to keep its refuse out of the Truckee River, as long as Reno and Sparks continue to dump their sewage into the stream.

WOODLAND, Cal.—W. R. Fait, local contractor, is to erect several houses on lots he purchased recently in Beamer Park here. Announcement is to the effect that he will first erect a home for himself and then several modern cottages for sale.

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*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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FLOOD CONTROL BILL FAVORABLY REPORTED ON.

H. R. 14777, the flood control bill, now before the United States Senate, approves the flood control project for the Mississippi and an ultimate appropriation of $45,000,000, to be appropriated not more than $10,000,000 in any one year, and the Sacramento River flood control project, with an ultimate appropriation of $5,600,000, not more than $1,000,000 to be appropriated in one year.

It also provides machinery under which any flood control project of merit, on favorable report and recommendation from the Board of Engineers, may receive consideration and appropriation from Congress. This is a new departure on the part of Congress since, in the past, it has refused, in theory at least, to make appropriations in matters of this kind unless the interests of commerce and navigation are involved. Indeed, in the Sacramento River project itself the appropriation proposed by Congress is only one-half of the cost of such work as is recommended by the government engineers as being necessary in the interests of commerce and navigation.

The Sacramento River project, which the bill approves, contemplates a total expenditure of approximately $42,000,000, of which $11,200,000 is to be expended under direction of the Federal engineers in the interests of commerce and navigation by deepening and widening the mouth of the river from Rio Vista to Collinsville, 15 miles, and in the construction of four weirs on the Sacramento River over which the excess floods of the river will pass and be carried through by-passes down to Cache Slough where they will be emptied again into the river at Rio Vista and carried in the enlarged channel to the Bay. Congress is to pay $5,600,000 and the State a similar amount.

The construction of all other parts of the project, which include all the river and by-pass levees and the securing of right-of-way for by-passes and overflow channels, is to be done under direction of the State and at the expense of the land owners who will be assessed therefor in proportion to benefits received. The total expense of this portion of the project it is estimated will be about $30,000,000 a considerable portion of which has already been expended in the construction of river and by-pass levees. This portion of the work is under the direction of the State Reclamation Board, created for the purpose by the Legislature of 1911 (special session) and endowed with increased powers since then.

The project and the method of financing, as thus explained, were formulated by the Board of Engineers for Rivers and Harbors and have already been adopted by the State of California, while the passage of the flood control bill would secure similar formal adoption by Congress. In the event of the passage of the bill it would then be up to the State Legislature at the present session to determine how rapidly the portion of the project under Federal control is to be constructed, by fixing the amount of the State appropriation. The State budget provides for $500,000 for the purpose on the theory that Congress cannot make similar appropriation until the coming session, and the money will not be available until July 1918, and that the Legislature of 1919 will be in position to make further appropriation. The recommendation of the engineers was that appropriations should be made on such basis as to insure the completion of this portion of the project in five or six years, to secure the greatest amount of economy and efficiency. That would involve an appropriation of $1,000,000 each year by Congress and the same by the State of California.

The work at the mouth of the river has progressed for some years past under direction of the Federal Engineers and under what is known as the "minor" project, providing for 56 months' work of two large dredges. This work, it is expected, will be finished by the commencement of 1918, when work must stop unless in the meanwhile the "major" project, as already adopted by the State and now provided for in the flood control bill, has been adopted by Congress and appropriations made thereunder. The work at the river's mouth has progressed so far as to provide a cutoff across Horseshoe Bend of the full width contemplated and a navigable channel therein 25 feet deep and 500 feet wide. Through this cut commerce will be diverted within a short time while the old Horseshoe Bend channel is closed to navigation in order to permit the cutting off of old Baker's Point and the depositing of material therefrom on spoil banks across the river.

IRRIGATION AND RIVER DRAINAGE IN PERU.

Increasing recognition of the importance of irrigation in Peru is shown by the recent adoption of a law authorizing the President to arrange for the completion of irrigation work in the district of Sicaya in the Province of Huancayo, just east of Lima. El Peruano also notes that the Peruvian Government has granted authority to Enrique Fracchia to make surveys for the irrigation of vacant land in the district of Nazcan in the coast Provvian corporation is authorized to exince of Ica, south of Lima. The Perucute drainage works in the river Rimac near Lima, deepening the channel above the Balta bridge and strengthening the dykes, the Government to assume half the expense of these improvments.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, $35,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner, A. W. Lane. Location, east Jones north of Sutter, covering an area of 40 by 120 feet. Will contain 32 suites of two rooms each. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, $30,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 5445 Geary street, S. F. Location, northwest Lake and 27th avenue, covering an area of 105 by 82½ feet. Will contain ten large residential apartdential apartments. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owners, B. F. Meyer and B. Abrams. Location, south California east Third avenue, cavering an area of 50 by 95 feet. Will contain twelve residential apartments. Plans complete and figures being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $17,500. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner, Dr. Bluhm. Location, 14th avenue near Anza. Will contain eleven suites of three rooms and one suite of seven rooms. Plans complete and figures being taken.

SAN FRANCISCO—Apartment house and store, 2 story and base, frame, $5,000. Architect, none. Owner, Antonio Cuneo, 152 Tiffany avenue, S. F. Location, southeast Sycamore and San Carlos, covering an area of 30 by 60 feet. Will contain one store and three apartments. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house and stores, 4 story and base, brick, $100,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southwest Geary and Leavenworth, covering an area of 68 by 70 feet. Will contain four stores on the first floor and a total of 34 suites of two and three rooms above. Plans complete and segregated figures being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, $30,000. Architect, none. Owner, E. A. Schmidt, 71 10th street, Oakland. Location, Dana and Dwight Way. Will contain a total of thirty-nine suites of two and three rooms. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Apartment house alterations, 2 story, brick. Cost not stated. Designer, C. B. Hanner, 1245 I street, Fresno. Owners, Newton and McArthur. Work will consist of altering the present store and hotel building into modern apartments of five rooms each. Plans complete and work to be done under the direction of the designer.

PORTLAND, ORE.—Apartment house, 2 story and base, tile and frame, $30,000. Architect, none. Owner, Dr. I. M. Palmer, 142½ Killingsworth avenue, Portland. Location, Garfield and Killingsworth avenues. Will contain sixteen suites of two, three and four rooms. Plans being prepared.

Contract Awarded.

BREMERTON, WASH. — Apartment house, 3 story and base, brick, $40,000. Architect, A. L. Haley, Peoples Bank Bldg., Seattle. Owners, Kitsap Realty Co. Contractor, Hans Pederson, Alaska Bldg., Seattle. Contract price, $40,000.

SEATTLE, WASH. - Apartment house, 3 story and base, brick and steel, $40,000. Architect, George W. Lawton, Alaska Bldg., Seattle. Owners, Goodwin Realty Co. Contractor, James Murdock, 1663 Melrose avenue, Seattle. Contract price, $40,000.

BANKS.

VICTORVILLE, SAN BERNARDINO CO., CAL.—Bank and stores, 2 story and base. Cost not stated. Architects, John P. Kremple and Walter E. Erkes, Henny Bldg., L. A. Owner, C. Leonardt, H. W. Hellman Bldg., L. A. Will cover an area of 50 by 142 feet and contain the banking rooms, one store and a number of apartments. Plans complete and work to be done by Day Labor.

BONDS.

SAN FRANCISCO — The proposed school bond issue for $6,500,000 has been endorsed by the Mission Promotion Association. The issue will provide funds for a new school at North Beach and additions to the Mission High and High School of Commerce equal in capacity to the present buildings. Thirteen new elementary schools are also needed, and twenty-five additions to existing schools, while thirteen old buildings have been condemned and only are awaiting structures to take their places. Of the total issue, $1,7500,000 will be spent in the Mission district.

SAN JOSE, SANTA CLARA CO., CAL.—An election will be held in the Burbank School District within the next few weeks to vote bonds of $18,000 to finance the construction of a new school building. Architect, F. D. Wolfe of San Jose is interested in the work as is Architect Warren Skillings, also of San Jose.

SAN DIEGO, SAN DIEGO CO., CAL.—The bond issue of $150,000 for the construction of school buildings has been defeated.

UKIAH, MENDOCINO CO., CAL.—An election will be held February 10th to vote bonds of $60,000 for a new high school building.

BELMONT, SAN MATEO CO., CAL.—Bonds of $18,000 have been voted for a new school building.

HANFORD, KINGS CO., CAL. Bonds of $14,000 have been voted for additional fire protection in outlying portions of the city. The result of the election affects approximately 100 city blocks.

BURBANK, SANTA CLARA CO., CAL.—February 17th is the date set to vote bonds of $10,000 for the construction of a new school building. L. R. Nash and W. J. Byers are trustees of the school district.

WASHINGTON, YOLO CO., CAL.—Bonds of $40,000 have been voted, and from plans prepared by Architect C. Hemmings of Sacramento, bids for the construction of the building will be taken.

FAIR OAKS, SACRAMENTO CO., CAL.—The Trustees of the San Juan School District have decided to call a $10,000 bond election to finance the erection of a new school.

BRIDGES AND DAMS.

MODESTO, STANISLAUS CO., CAL.—Bridges and siphons, reinforced concrete. Cost not stated. Engineer, County Surveyor, Modesto. Owner, Stanislaus County. Bids will be opened on February 14th at 2:30 p. m. for the construction of nine reinforced concrete bridges: Three bridges on Hughson-Turlock road; four bridges on the Crows Landing road; a bridge over lateral No. 4 on the Beckwith road; a bridge over lateral No. 4 on the Maze road; a bridge over lateral No. 3 on the Carmichael road; a bridge over lateral No. 1 on the Waterford road; and a bridge over Dry Creek near Cooperstown. Also for the construction of 17 reinforced siphons: Four siphons on the Hughson road; two siphons on the Hughson-Turlock road; three siphons on the Beckwith road; three siphons on the Crows Landing road; and five siphons on the Keyes road.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Bridges, timber and concrete. Cost not stated. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. Bids will be opened on February 5th at 2 p. m. for the construction of four bridges in the Pajaro Road District.

SACRAMENTO, CAL.—Bridge, reinforced concrete. Cost as follows. Engineer, County Surveyor Butler, Sacramento. Owners, Sacramento County. Specifications will be prepared for a new concrete bridge to span the American River at Folsom. It will take the place of the present steel bridge erected twnty years ago. The cost of the new structure is estimated at $35,000. The steel in the old bridge can be sold for $5,000, it is claimed.

SAN FRANCISCO—Viaduct and boulevard, reinforced concrete, $30,000. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Bids will be opened on February 26th at 11 a. m. for constructing approximately 6,000 feet of boulevard and a reinforced concrete viaduct in the Presidio. Plans can be

ceived from the Constructing Quartermaster's office.

HANFORD, KINGS CO., CAL.—Bridges, 8 reinforced concrete and steel. Cost not stated. Engineer, County Surveyor, Hanford. Owners, Kings County. Bids will be received by the Board of Supervisors up to February 6th for the construction of a bridge 120 feet long and consisting of a 60-foot span and a 60-foot trestle; a 40-foot span bridge, one 10-foot trestle bridge, and two 20-foot culverts on county road No. 164, which extends south from the Farmington road. Certified check or bond for 10 per cent required.

SAN FRANCISCO—Wharf shed, steel and timber. Cost, $100,000. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. A complete list of the bids opened for constructing a shed on Pier No. 29 will be found under the heading of "Bids Opened" in this issue.

Contract Awarded.

SAN FRANCISCO — Bridge, reinforced concrete, $1,974. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contractors, Duncansen & Harrelson Co., Chronicle Bldg., S. F. Contract price, $1,974.

CHURCHES.

LIVERMORE, ALAMEDA CO., CAL.—Church, 1 story and base, concrete, $35,000. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owners, Roman Catholic Church. Will contain main auditorium, Sunday school rooms and pastor's study. Plans complete and figures being taken.

AMADOR CITY, AMADOR CO., CAL.—Church, 1 story and base, frame. Cost not stated. Architect, none. Owner, Father D. Taverna, Amador City. Will contain auditorium and Sunday school rooms. Plans complete and figures being taken.

Contract Awarded.

BURLINGAME, SAN MATEO CO., CAL.—Church, 1 story, frame, $7,000. Architect, none. Owners, First Church of Christ, Scientist. Contractor, W. B. Eaton, 224 Park Road, Burlingame. Contract price, $7,000.

COURT HOUSES.

PROSSER, BENTON CO., WASH.—Court house, 3 story and base. Class A construction, $107,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, Benton County. The Board of Benton County Commissioners have withdrawn the contract with the Ferro Concrete Co. for the construction of the proposed court house, which was to be erected at Prosser. The Ferro Co. bid $107,000 for the work. The County Commissioners claimed the proceedings illegal and the contract was rescinded.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL.—Factory group, 1 and 2 story, reinforced concrete, $150,000. Architect's name not given. Owners, Valveless Rotary Pump Co., 223 Broadway, Oakland. This company is now securing a site and further details will be given when the purchase is made.

PIGEON POINT, SAN MATEO CO., CAL.—Cannery, 3 story, frame. Cost not stated. Architect, none. Owners, Pratt-Low Canning Co., Santa Clara. Will cover an area of 120 by 200 feet. Plans complete and work to be done by Day Labor.

TAFT, KERN CO., CAL. Experimental station, 3, 1 story, frame. Cost not stated. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Location, near Taft. There will be an office building, testing room and garage. These buildings are for the use of the California State Mining Bureau. Plans complete and figures to be opened on February 23rd.

SAN FRANCISCO—Factory, 2 story and base, brick, $5,000. Architect, F. W. Krogh, 2516 Sutter street, S. F. Owner, Krogh Mfg. Co. Location, west Beale north Folsom, covering an area of 45 by 137½ feet. Brick work to be let by contract and all other work to be done by Day Labor.

SAN FRANCISCO—Shop, 1 story and base, reinforced concrete, $5,000. Architect, John A. Ettler, 604 Mission street, S. F. Owners, Bothin Estate. Location, southwest Howard and 8th streets, covering an area of 45 by 75 feet. Plans complete and work to be done by Day Labor.

REEDLEY, FRESNO CO., CAL.—Packing plant, 1 story, frame and concrete, $15,000. Architects, Glass & Butner, Republican Bldg., Fresno. Owners, California Peach Growers. Will cover a considerable ground area. Plans are being prepared.

FIRE HOUSES AND JAILS.

PLACERVILLE, EL DORADO CO., CAL.—Siren fire alarm system. Cost not stated. Engineer's name not given. Owners, Town of Placerville. A siren fire alarm system will be installed in this city before May 1st. Funds are now being provided for by the City Trustees and bids for the installation of the proposed system will be called shortly. The matter is now in the hands of Fire Chief George Wickes.

GARAGES.

OAKLAND, CAL.—Garage 1 story, reinforced concrete. Cost not stated. Architect, none. Owners, Alameda County. Bids will be opened for this building on February 13th at 10 a. m. Plans can be secured from the office of the County Clerk.

Contract Awarded.

BERKELEY, ALAMEDA CO., CAL.—Garage, 1 story and base, brick, $7,500. Architect, none. Owner, E. H. Lohmann, Union Savings Bank Bldg., Oakland. Contractors, Sommarstrom Bros., 2417 Telegraph avenue, Oakland. Contract price, $7,500.

GOVERNMENT WORK & SUPPLIES.

Reclamation Service Drain Pipe.

Contract has been awarded by the U. S. Reclamation Service to Walter S. Dickey, Kansas City, Mo., for vitrified drain tile and sewer pipe for the Shoshone and Huntley projects, the total length of the pipe to be furnished being somewhat in excess of 100,000 linear feet. The price of the pipe, f. o. b. manufacturer's point, is approximately $10,000.

Puget Sound, Wash., Telephone Lines.

The chief of the bureau of yards and docks received the following bids January 15 for constructing telephone [illegible] navy yard, Puget Sound, Wash.:

[illegible] price and time for the work complete, in accordance with the [illegible] specifications; 2, on bidder's [illegible] plans and specifications.

[illegible] Swanson & J. E. Shoemaker, Seattle, Wash., item 2, $30,650, 110 days; [illegible] alternate bids as follows: 3, $[illegible], 120 days; 4, $29,775, 175 days; [illegible], $[illegible], 210 days; 6, $49,755, 175 days; [illegible], $[illegible], 175 days.

Butte Engineering and Electric Co., 684 Howard street, San Francisco, Cal., item 1, $36,190, 320 days; 2, $47,959, 320 days; 3a, $40,837, 320 days.

An omnibus public building bill carrying $38,000,000, of which amount California will secure $1,735,000, has passed the House of Representatives by a vote of 234 to 92. President Wilson has given notice that he will veto the bill. California's appropriations in the bill are distributed as follows: U. S. marine hospital, San Francisco, $600,000; post office, Oakland, $650,000; post office extension, Sacramento, $50,000; post office, Long Beach, $200,000; post office, Modesto, $65,000; post office, San Bernardino, $70,000; post office, Petaluma, $60,000; post office, San Mateo, $15,000; post office, Santa Monica, $15,000; post office, Venice, $10,000.

HALLS AND SOCIETY BUILDINGS.

SACRAMENTO, CAL.—Lodge hall, 4 story and base. Class A construction, $300,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Temple Association. Location, 12th and J streets. Working drawings are now being prepared and construction will be underway by April 1st. Segregated figures will be taken for steel frame, concrete piling and general construction.

HOSPITALS

COLFAX, WASH.—Hospital, 4 story and base, reinforced concrete, $60,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, St. Ignatius' Hospital. Will cover an area of 60 by 120 feet. There will be a number of private rooms and several wards, operating rooms and office. Plans are bfieing prepared.

SALEM, ORE.—Hospital, 3 story and base, reinforced concrete, $50,000. Architect, Fred A. Legg, Salem. Owners, Salem Hospital Association. Will cover an area of 60 by 120 feet. Plans are being prepared.

SALEM, ORE.—Hospital, 2 story and base, brick, $25,000. Architect, Fred A. Legg, Salem. Owners, Old People' Home. Will contain wards and private rooms. Preliminary plans being prepared.

Contract Awarded.

SAN FRANCISCO — Hospital office building, 6 story and base. Class B construction, $93,900. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, St. Francis Hospital Co. Contractors, Ward & Goodwin, 110 Jessie street, S. F. Contract price, $93,900. A complete list of these figures will be found under the heading of "Bids Opened" in this issue.

HOTELS.

OAKLAND, CAL.—Hotel alterations, 3 story and base, frame, $30,000. Architect, F. Holberg Reimers, Acheson

Bldg. Berkeley. Owner, name withheld. Location, Jackson street. Work alteration, 2 story, frame, $5,000. Alterations and will include carpentry work, plastering, painting, plumbing and electric work. Plans are complete and figures being taken.

BENICIA, SOLANO CO., CAL.—Hotel alteration, 2 story, frame, $5,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Dr. Herbert C. White, Location, 19 West F street. Work will consist of interior partitions, painting, plumbing and electric work. Plans are being prepared.

IRRIGATION PROJECTS.

OTIS ORCHARDS, WASH.—Irrigating canal. Cost as follows. Engineers, Sawyer Bros., White Bldg., Seattle. Owners, Otis Orchards Irrigation Co. Bids have been called for by H. H. Bell, Secretary of the Otis Orchards Irrigation District, Otis Orchards, Wash., to be opened February 2nd for the improvement of the main canal of the district, for which bonds in the sum of $125,000 were voted sometime ago. Plans are on file in the office of the engineers. The work calls for about 28 miles of vitrified pipe and will cost between $60,000 and $80,000.

POWER PLANTS.

SUNNYVALE, SANTA CLARA CO., CAL.—Water system extensions, $19,000. Engineer, Town Engineer, Sunnyvale. Owners, Town of Sunnyvale. Ida Thubschenck, Town Clerk of Sunnyvale, stated that plans are now in the office of Town Engineer F. P. McCray for the construction of a well in connection with the proposed municipal water system, for which bonds of $19,000 have been voted, and which will include some fire apparatus. Bids for the well construction will be called shortly. On awarding a contract for this work, plans will be started by McCray for the balance of the system, which includes pump, booster pump and pipe extensions.

FRESNO, FRESNO CO., CAL.—Substation, 1 story and base. Class A construction, $21,800. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, San Joaquin Light and Power Co. Location, Cornelia and Jensen avenues. Plans complete and work to be done by Day Labor.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect, none. Owner, A. T. Morris, 501 11th avenue, S. F. Location, west 10th avenue south Balboa. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 1 story and base, frame. Cost not stated. Architect, none. Owner, F. H. Evers, Fife Bldg., S. F. Location, 17th avenue near Lake street. Will contain eight rooms, two baths and basement garage. Plans to be revised and new figures submitted by lowest bidders.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect, Ida McCain, 660 Market street, S. F. Owners, S. A. Born Building Co. Location, Lincoln Manor. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, $2,500 each. Architect, A. W. Premento, 21 Belcher street, S. F. Owners, Lazar Ayducovich Co., 1378 46th avenue, S. F. Location, west 21st avenue south Balboa. Each house will contain six rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, $8,000 each. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, Forest Hill. Each house will contain ten rooms, two baths and separate garage. Plans being prepared and figures to be called for shortly.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, William H. Sims, 1926 64th avenue, Oakland. Location, west 63rd avenue north Fortune. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Carl Ericsson, 1200 Masonic avenue, Berkeley. Location, south University avenue east San Pablo. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Alfred Cords, First National Bank Bldg., Oakland. Location, south Greenbank west Grand avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Ole Kolen, 3127 Bruce street, Oakland. Location, west Ransom avenue south Santa Ritz. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $5,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. W. A. Anderson, 531 Van Buren avenue, Oakland. Location, north Lagunitas west Perry. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, R. B. Wilson, 1508 41st avenue, Oakland. Location, northeast 37th street east Lindwood. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,000. Architect, C. H. Allison, 34 Brookside, Berkeley. Location, north Bancroft west Browning.. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, $2,100. Architect none. Owner, H. G. Birdsall, 1822 M street, Sacramento. Location, lot 1266 W and K Tract. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

CHICO, BUTTE CO., CAL.—Rectory 2 story and base, frame, $3,000. Architect, Chester Cole, Chico. Owners Bethany Presbyterian Church. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL.—Residence, story and base, hollow tile. Cost not stated. Architects, Jeffery & Schaefer Van Nuys Bldg., L. A. Owner's name not given. Location Verdugo Park. Will contain fourteen rooms, several baths, sleeping porches and separate garage. Plans being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, P. E. Magee. Location, Camino Palmero. Will contain fifteen rooms, six baths and sleeping porches. Separate garage. Plans being prepared.

SCHOOLS.

ALAMEDA, ALAMEDA CO., CAL.—School hardware. Cost not stated. Architect, none. Owners, City of Alameda. Bids will be opened on February 6th for furnishing hardware for a two story brick school. Plans can be secured from the Secretary of the Board of Education.

PLACERVILLE, EL DORADO CO., CAL.—Schools, 2, 1 story and base, hollow tile, $30,000. Architects, N. H. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, City of Placerville. One building will contain eight class rooms and the other two. Plans are complete and figures being taken.

WASHINGTON, YOLO CO., CAL.—School, 1 story and base, reinforced concrete, $30,000. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Washington School District. Working drawings being prepared.

SEWERS, STREET WORK & WATER SYSTEMS.

REDWOOD CITY, SAN MATEO CO., CAL.—Street improvements. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be opened on February 5th at 10 a. m. for the improvement of the following streets and avenues: San Juan, San Antonio, San Felipe, San Anselmo, Santa Helena, Santa Maria, San Diego, Santa Clara, Santa Inez, San Benito, Santa Lucia, Santa Domingo, San Marco and San Luis avenues, by grading the sidewalk area; construction of artificial stone sidewalks 5 feet in width in the center of the sidewalk area; the construction of concrete curbs and gutters.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be opened on February 3rd at 10 a. m. for the construction of a grade from the west end of the Crows Landing bridge, said point being known as Engineers' Station 724 plus 35.23, to Station 742 plus 99.13, of the Crows Landing road survey.

SAN LEANDRO, ALAMEDA CO., CAL.—Electrolier system. Cost not stated. Engineer's name not given. Owners, Town of San Leandro. The City Trustees have ordered bids received for the installation of an elec-

trolier lighting system on East 14th street, etc., up to February 19th at 8 p. m. Plans and further information may be had from the City Clerk.

HANFORD, KINGS CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Hanford. Owners, Kings County. The County Supervisors at their last meeting directed the County Clerk to advertise for bids for the construction of the unit of improved highway from Lemoore to Browndale, a distance of eight miles north of Lemoore almost to the country line. The bids will be opened on February 5th at 11:30 o'clock. Plans may be had from the County Clerk.

RICHMOND, CONTRA COSTA CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans for the improvement of the following streets have been completed by City Engineer Chapman: Sixth street, across the Oakland branch of the Santa Fe; Garrard Boulevard; Standard avenue; alley north of Barrett avenue, between Fifth and Sixth streets, and Burbeck avenue, from 20th to 23rd street. Bids for this work will be ordered shortly.

PORTLAND, ORE.—Sewer construction. Cost as follows. Engineer, City Engineer, Portland. Owners, City of Portland. Three bids were submitted to the City Council for the reconstruction and repair of the Tanner Creek sewer, showing J. F. Shea and Wm. Lind the lowest bidders on a combined bid at $302,800.80. This is the third time bids for this work have been opened, and it is probable that the contract will be awarded to Lind & Shea.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Modesto. Owners Stanislaus County. Bids will be opened on February 14th for the construction of approximately 3.51 miles of concrete road on the Keyes road, beginning at the State highway in the town of Keyes and running east to the intersection with the Hughson-Turlock road; also beginning at a point known as Engineers' Station 330 plus 00, about one mile east of the town of Hughson, and running in a southerly direction a distance of approximately 6.58 miles to the northerly corporate limits of the city of Turlock; thus making a total distance of approximately 10.09 miles. Also for the construction of approximately 6.25 miles of concrete road beginning at the State highway near the Ceres cemetery and running thence east to a point about one mile east of the town of Hughson. Also, for the construction of approximately 4.4 miles of concrete road beginning at a point on the west line of the Southern Pacific Railway right of way where the section line between sections 11 and 14, T. 3 S., R. 8 E., intersects said railroad right of way, thence west along what is commonly known as the Beckwith road, also on what is known as the Carmichael road, beginning at the State highway and running thence west a distance of 2. 7 miles and north a distance of 1.0 miles to the Wood Colony school house, thus making a total distance of 8.1 miles.

SACRAMENTO, CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Supervisor John Russ of Folsom, Sacramento County has given instruction to County Surveyor Butler, Sacramento, to prepare plans and specifications for the construction of a concrete roadway 1½ miles long from the Auburn Boulevard to the Country Club. Bids will be advertised for so that the work can commence by April 1st.

Contract Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. At the last meeting of the County Supervisors, contracts for road work were awarded as follows: Improving Harney Lane, awarded to S. W. Cleary at $4,021.00. The only other bidder was F. F. Irey at $5,543.50. Improving Palm avenue, awarded to F. F. Irey of Lodi at $2,503. Cleary submitted a bid of $2,515.40 for the work. Improving Brack road, awarded to S. W. Cleary at $6,660.90. Other bidders were F. F. Irey, $7,913.70; Moreing & Sons, $6,703.60.

SAN FRANCISCO — Street improvements. Cost as follows. Engineer, City Engineer. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works for the following street improvements.

The improvement of Irving street, between 21st avenue and 26th avenue, by the construction of concrete curbs, artificial stone sidewalks 6 feet in width, brick catchbasins, with cast iron frames and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The Fay Improvement Co., Phelan Bldg., for $17,768.93.

The improvement of Farallones street, between Capitol and Plymouth avenues, by the construction of concrete curbs, three brick catchbasins with cast iron frame, gratings and traps, and 10-inch, vitrified, salt-glazed,, ironstone pipe culverts; and an asphaltic pavement, consisting of a 6- inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Ransome-Crummey Co., First National Bank Bldg., Oakland, for $5,822.50.

The improvement of Irving street, between 42nd avenue and 43rd avenue, by the construction of concrete curbs; artificial stone sidewalks on the crossing; three brick catchbasins, with cast iron frames, gratings and traps; and 10-inch, vitrified, salt-glazed, ironstone pipe culverts on the crossing; by the construction of an 8-inch, vitrified, salt-glazed, ironstone pipe sewer with 13 Y branches and one brick manhole; and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to the Ransome-Crummey Co., First National Banw Bldg., Oakland, for $4,048.47.

The improvement of the north side of Quesada avenue, from Lane street to a line 225 feet east therefrom by the construction of concrete curbs, artificial stone sidewalks and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to the City [illegible] Improvement Co. for [illegible] for $[illegible].

The improvement of Newcomb avenue between Keith and Lane streets by grading, construction of granite curbs, artificial stone sidewalks, two brick catchbasins with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, iron pipe culverts, a 14-foot central strip of vitrified brick pavement between Lane street and a line 100 feet east therefrom; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the remainder of the roadway. Awarded to the Ransome-Crummey Co., First National Bank Bldg., Oakland, for $14,468.45.

The improvement of Irving street, from 14th avenue to 18th avenue, by the construction of concrete curbs; an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof; artificial stone sidewalks, brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 8-inch with 36 Y branches, two brick manholes with cast iron frames and covers and galvanized wrought iron steps and five 6-inch, vitrified, salt-glazed, ironstone pipe side sewers. Awarded to the Ransome-Crummey Co., First National Bank Bldg., Oakland, for $17,731.01.

The improvement of Irving street, from 40th avenue to 41st avenue, by grading; construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 8, 15 and 18-inch, with 13 Y branches and two brick manholes, with cast iron frames and covers and galvanized wrought iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts, artificial stone sidewalks, concrete curbs; and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to the Fay Improvement Co., Phelan Bldg., for $6,138.15.

The improvement of the south side of Ocean avenue, between Howth St. and a line 500 feet west therefrom, by the construction of concrete curbs; artificial stone sidewalks, two brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to T. S. Hutton, Call Bldg., for $2,829.52.

The improvement of Irving street, from 38th avenue to 40th avenue, by grading, construction of granite curbs, artificial stone sidewalks, brick catchbasins, with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: An 8, 15 and 18-inch with 31 Y branches and four brick manholes, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to

the Fox Inv. Co., Phelan Bldg., for $[illegible].

STORES AND OFFICES.

SAN FRANCISCO—Store and lofts, 4 story and base, Class C construction, $50,000. Architect not selected. Owners represented by T. J. Nolan Co., 28 Montgomery street. Location, north Mission west New Montgomery, covering an area of 80 by 90 feet. Plans being prepared.

SAN FRANCISCO—Store and offices, 2 story and base, frame. Cost not stated. Architect, Milton Henry Jacobs, 110 Sutter street. Owner, Morris Fox. Location, southeast 9th avenue and Irving. Will contain a drug store on the ground floor and a number of doctors' offices and living apartments above. Plans complete.

SAN FRANCISCO—Auto sales rooms, 2 story and base, brick, $20,000. Architect H. R. Schulz. 5th avenue and Lake street. Owners, Allen & Co. Location, south Post between Polk and Van Ness, covering an area of 52½ by 120 feet. Plans complete and segregated figures being taken.

SAN FRANCISCO—Store, 1 story and base. Class C construction, $15,000. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owners, Berlin Cleaning and Dying Works. Location, southwest Fillmore and Chestnut Sts. Will contain office, store and work shop. Plans complete and bids to be called for shortly.

OAKLAND, CAL.—Free market, 1 story and base, brick and steel, $70,000. Engineer, V. N. Dalton, Foxcroft Bldg., S. F. Owner, J. Pantoskey. Location, southwest 10th and Washington Sts., covering an area of 200 by 200 feet. Plans complete and owner to take figures in about ten days.

Contract Awarded.

SAN FRANCISCO—Stores and lofts, 4 story and base, brick, $[illegible]. Architects, Heiman & Swartz, [illegible] Stockton street, S. F. Owner, L. A. Meyers. Contractor, O. W. Britt, 30 Ivy avenue, S. F. Contract price, $[illegible].

SEALED PROPOSALS.

CALL FOR BIDS.

For Furnishing Fire Hose for the San Francisco Fire Department.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco, January 18, 1917.

In accordance with a resolution of the Board of Fire Commissioners, duly passed January 11, 1917, SEALED PROPOSALS will be received at open session of the Board on **Thursday, February 8, 1917, between the hours of 8:30 and 9 o'clock P. M.** for [illegible] 2½-inch and 2¾-inch, cotton, rubber lined, fire hose for use in the San Francisco Fire Department in strict accordance with the specifications and conditions contained in the proposed form prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of said Board, City Hall, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS,
FRANK T. KENNEDY,
Secretary. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. SEALED PROPOSALS, in triplicate, for constructing a boulevard at Presidio of San Francisco, Cal., will be received here **until 11 A. M., February 26, 1917.** Further information on application. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Forum Building, Sacramento, California, **up to and including 12 o'clock, noon, Friday, February 23, 1917,** said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor and doing the work required for the complete construction and erection of the Office Building, Garage and Testing House," California State Mining Bureau, Taft, Kern County, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

Such bids will be received for the Entire Work, and must be submitted on forms prepared and furnished by the State Department of Engineering.

Cash, [illegible] bond, or a certified check in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Ten ($10.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposal for 'Office Building, Garage and Testing House,' California State Mining Bureau, Taft, Kern County, California."

(SIGNED) W. F. McCLURE,
State Engineer. (*)

NOTICE TO CONTRACTORS.
1200 FOOT CREOSOTE PILE WHARF AND APPROACH AT BROOKINGS, CURRY COUNTY, OREGON.

SEALED BIDS for above will be received at office of C. and O. Lumber Co., Room 605 Fife Bldg. **until 11 A. M., February 19, 1917.** Dimensions head of wharf approximately 400 x 64; approach [illegible] approximately 500 x 30.

Plans and specifications may be seen and secured at above office. A set may be seen at office of Builder & Contractor, [illegible] North Broadway, Los Angeles. (*)

NOTICE TO CONTRACTORS.

The Board of Education of the City of San Rafael will receive bids **on or before Feburary 13, 1917,** for planting lawn and landscape garden on the Coleman School property.

Copies of the specifications for planting may be secured from the secretary of the Board, and will be mailed upon request. All bids must be accompanied by certified check of 20 per cent of the amount of the bid.

D. R. JONES,
Secretary Board of Education. (*)

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1116 — Proposals for Pig Iron, Pig Tin, Steel Pile Shoes, Brakeshoes, Link Pins, Pin Lifters, Spring Plates, Track Bolts, Nails, Rivets, Brass Bolts, Screws, Door Hooks, Hasps, Steel Balls, Iron Railings and Gates, Pipe Fittings, Valves, Cocks, Copper Gaskets, Sanitary Fixtures and Fittings, Files, Taps, Floor Brushes, Hand Cars, Push Carts, Safes, Time Recording Stamps, Tracing Cloth, Fire Brick, Fire Clay, Sea-Coal Facing, Silica Wash, Silica Sand, Silica Grit, Coke, Lime, Sulphur, Wood Filler and Creosote Oil.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C. until **10:30 a. m. February 11, 1917,** at which time they will be opened in public, for furnishing or furnishing and erecting the above mentioned articles. Blanks and information relating to this circular (No. 1116) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the principal cities throughout the United States. EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR Q. M. SUPPLIES.

SAN FRANCISCO Q. M. SCHEDULE 172—Office of the Depot Quartermaster, Fort Mason, San Francisco, Cal—Sealed proposals will be received here until **February 5, 1917,** under schedule 172 for furnishing 1,000 pounds plastic asbestos 15 gallons benzine, 900 yards cotton canvas, 50,000 index cards, 200 pounds welding compound, 16,000 common wire nails, 200 gallons engine oil, 300 gallons fish oil, 1,200 gallons anti-fouling paint, 1,500 gallons anti-corrosive paint, 20,000 pounds white zinc in oil, 300 gallons aluminum bronze, 300 pounds burnt umber, 50 quires stencil paper, 1,000 reams absorbent paper, 100 reams bond paper, 432 curtain patches, 100 marking pots, 100 pounds iron rivets, 216 dating stamps and 200 joints stovepipe. For further information address JOHN T. KNIGHT, colonel, quartermaster corps, depot quartermaster.

PROPOSALS FOR BOX CARS.

BOX CARS—Circular No. 232.—Sealed proposals will be received at the office of the purchasing agent, Alaskan Engineering Commission, Seattle, Wash., not later than **11 a. m. February 5, 1917,** for furnishing fourteen box cars, 60,000 pounds capacity. Copies of circular may be obtained upon application at this office, the U. S. engineer office, 802 Couch Building, Portland, Ore.; Bureau of Mines, 506 Custom House, San Francisco, Cal.; U. S. Reclamation Service, 505 Tramway Building, Denver, Colo.; Bureau of Mines, 40th and Butler streets, Pittsburgh, Pa., Alaskan Engineering Commission, Washington, D. C., and U. S. Reclamation Service, 802 Federal Building, Chicago, Ill. C. E. DOLE, purchasing agent.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 114 — Proposals for Furnishing or Furnishing and Erecting Structural Steel and Miscellaneous Material for Pier No. 6, Cristobal, C. Z.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. February 12, 1917,** at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 1114) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. EARL I. BROWN, mapor, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR WIRING AND HEATING.

WIRING, HEATING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C., January 11, 1917. Sealed proposals will be opened in this office at **3 p. m. March 8, 1917,** for a new system of conduit and wiring and alterations in heating system in the United States assay office at Boise, Idaho, in accordance with drawings and specifications, copies of which may be had at this office or at the office of the custodian, Boise, Idaho, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., Jan. 15, 1917.—SEALED PROPOSALS will be opened in this office **at 3 P. M. Feb. 28, 1917,** for the construction of the United States Post Office at Fort Morgan, Colo. Drawings and specifications may be obtained after Jan. 22, 1917, from the custodian of site at Fort Morgan, Colo., or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect. (*)

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer, City Engineer. Owners City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works for the following street improvements: The improvement of Irving street, between 21st avenue and 26th avenue, by the construction of concrete curbs, artificial stone sidewalks 6 feet in width; brick catch basins with cast iron frame, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearinng surface on the roadway thereof. Awarded to the Fay Improvement Co., Phelan Bldg., for $17,768.93

The improvement of Farallones St., between Capitol and Plymouth avenues, by the construction of concrete curbs, three brick catchbasins, with cast iron frames, gratings and traps; and 10-inch, vitrified, salt-glazed ironstone pipe culverts, and an asphaltic pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Ransome-Crummey Co., First National Bank Bldg., Oakland, for $5,822.50.

The improvement of Irving street, between 42nd and 43rd avenues, by the construction of concrete curbs; artificial stone sidewalks on the crossing; three brick catchbasins, with cast iron frames, gratings and traps; and 10-inch, vitrified, salt-glazed, ironstone pipe culverts on the crossing; by the construction of an 8-inch, vitrified, salt-glazed, ironstone pipe sewer with 13 Y branches and one brick manhole; and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to the Ransome-Crummey Co., First National Bank Bldg., Oakland, for $4,048.47.

The improvement of the north side of Quesada avenue, from Lane street to a line 225 feet east therefrom by the construction of concrete curbs; artificial stone sidewalks, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The City Street Improvement Co., 166 Geary St., for $2,863.05.

The improvement of Newcomb avenue, between Keith and Lane streets, by grading, construction of granite curbs; artificial stone sidewalks; two brick catchbasins with cast iron frames, gratings and traps and 10-inch salt-glazed, ironstone pipe culverts; a 14-foot central strip of vitrified, brick pavement between Lane street and a line 40 feet east therefrom, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the remainder of the roadway. Awarded to the Ransome-Crummey Co., First National Bank Bldg., Oakland, for $14,466.45.

The improvement of Irving street, from 44th avenue to 48th avenue, by the construction of concrete curbs; an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof; artificial stone sidewalks, brick catchbasins with cast iron frames, gratings, and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 8-inch with 36 Y branches; two brick manholes with cast iron frames nd covers and galvanized wrought iron steps; and five 6-inch, vitrified, salt-glazed, ironstone pipe side sewers. Awarded to the Ransome-Crummey Co., for $17,731.01

The improvement of Irving street, from 40th avenue to 41st avenue, by grading, construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 15 and 18-inch with 13 Y branches and two brick manholes with cast iron frames and covers and galvanized wrought iron steps; three brick catchbasins, with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; artificial stone sidewalks, concrete curbs, and an asphalt pavement, cinsisting of a 6-inch concrte foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to the Fay Improvement Co., Phelan Bldg., for $6,138.15.

The improvement of the south side of Ocean avenue, between Howth street and a line 500 feet west therefrom, by the construction of concrete curbs; artificial stone sidewalks; two brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to T. S. Hutton, Call Bldg., for $2,829.52.

The improvement of Irving street, from 38th avenue to 40th avenue, by grading, construction of granite curbs, artificial stone sidewalks, brick catchbasins, with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: An 8, 15, and 18-inch with 31 Y branches and four brick manholes, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The Fay Improvement C., Phelan Bldg., for $10,884.52.

APARTMENT HOUSE—4 story and base, brick and steel, $35,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner, A. W. Lane. Location, east Jones north Sutter, covering an area of 40 by 120 feet. Will contain 32 suites of two rooms each. Plans complete and segregated figures being taken.

APARTMENT HOUSE—3 story and base, frame, $17,500. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner, Dr. C. Blubin. Location, 14th avenue near Anza. Will contain 11 suites of three rooms and one suite of seven rooms. Plans complete and figures being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Henry Shermund, Mills Bldg., S. F. Owners, B. F. Meyer and B. Abrams. Location, south California east Third avenue, covering an area of 50 by 95 feet. Will contain 12 residential apartments. Plans complete and figures being taken.

APARTMENT HOUSE—2 story and base, frame, $30,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 5445 Geary street, S. F. Location, northwest Lake and 27th avenue, covering an area of 108 by 82½ feet. Will contain ten large residential apartments. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE AND STORES—4 story and base, brick, $100,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co., Location, southwest Geary and Leavenworth, covering an area of 68 by 70 feet. Will contain four stores on the first floor and a total of 34 suites of two and three rooms above. Plans complete and segregated figures being taken.

APARTMENT HOUSE AND STORE—2 story and base, frame, $5,000. San Francisco. Architect, none. Owner, Antonio Cuneo. 152 Tiffany avenue, S. F. Location, southeast Sycamore and San Carlos, covering an area of 30 by 60 feet. Will contain one store and three apartments. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $3,000. San Francisco. Architect, none. Owner, A. T. Morris, 501 11th avenue, S. F. Location, west 10th avenue south Balboa. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, $8,000 each. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, Forest Hill. Each house will contain ten rooms, two baths and separate garage. Plans being prepared and figures to be called for shortly.

RESIDENCES—4, 2 story and base, frame, $2,500 each. San Francisco. Architect, A. W. Premento, 21 Belcher St., S. F. Owners, Lazar Ayducovich Co., 1378 46th avenue, S. F. Location, west 21st avenue south Balboa. Each house will contain six rooms and bath. Plans and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $3,000. San Francisco. Architect, Ida McCain, 660 Market street, S. F. Owners, S. A. Bern Building Co.

Location Lincoln Manor. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, F. H. Byers, Fire Bldg., S. F. Location, 17th avenue near Lake street. Will contain eight rooms, two baths and basement garage. Plans to be revised and new figures submitted by lowest bidders.

WHARF SHED Steel and timber. Cost, $100,00. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. A complete list of the bids opened for construction a shed on Pier No. 29 will be found under the heading of "Bids Opened" in this issue.

VIADUCT AND BOULEVARD—Reinforced concrete, $30,000. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Bids will be opened on February 26th at 11 a. m. for constructing approximately 6,000 feet of boulevard and a reinforced concrete viaduct in the Presidio. Plans can be secured from the Constructing Quartermaster's office.

BRIDGE — Reinforced concrete, $1,-974. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contractors, Duncansen & Harrelson Co., Chronicle Bldg., S. F. Contract price, $1,974.

SHOP—1 story and base, reinforced concrete, $5,000. San Francisco. Architect, John A. Ettler, 604 Mission St., S. F. Owners, Bothin Estate. Location, southwest Howard and Eighth streets, covering an area of 45 by 75 feet. Plans complete and work to be done by Day Labor.

FACTORY—2 story and base, brick, $5,000. San Francisco. Architect, F. W. Krogh, 2516 Sutter street, S. F. Owner, Krogh Mfg. Co. Location, west Beale north Folsom, covering an area of 45 by 137½ feet. Brick work to be let by contract and all other work to be done by Day Labor.

STORES—1 story and base. Class C construction, $15000. San Francisco. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owners, Berlin Cleaning and Dying Works. Location, southwest Fillmore and Chestnut streets. Will contain office, store and work shop. Plans complete and bids to be called for shortly.

AUTO SALES ROOMS—2 story and base, brick, $20,000. San Francisco. Architect, H. R. Schulz, 28th avenue and Lake street. Owners, Allen & Co. Location, south Post between Polk and Van Ness, covering an area of 52½ by 120 feet. Plans complete and segregated figures being taken.

STORES AND LOFTS—5 story and base. Class C construction, $50,000. San Francisco. Architect not selected. Owners represented by T. J. Neilan Co., 228 Montgomery street. Location, north Mission west New Montgomery, covering an area of 80 by 60 feet. Plans being prepared.

STORES AND OFFICES—2 story and base, frame. Cost not stated. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter street. Owner, Morris Fox. Location, southeast 9th avenue and Irving. Will contain a drug store on the ground floor and a number of doctors' offices and living apartments above. Plans complete.

Contract Awarded.

HOSPITAL OFFICE BUILDING — 6 story and base. Class B construction, $93,900. San Francisco. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, St. Francis Hospital Co. Contractors, Ward & Goodwin, 110 Jessie street, S. F. Contract price, $93,-900. A complete list of these figures will be found under the heading of "Bids Opened" in this issue.

STORES AND LOFTS—2 story and base, brick, $18,000. San Francisco. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owner, L. A. Meyers. Contractor, O. W. Britt, 330 Ivy avenue, S. F. Contract price, $18,-000.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

173	Easton	Stockholm	——
174	Borchin	Borchin	2000
175	Schell	Barrett	5650
176	R C Archbishop	Trobock	8111
177	Sharman	Sharman	1250
78	Bauer	Coburn	1000
179	Wright	Murray	400
80	Jacobs	Haskins	675
181	Caroe	Fink	400
82	Wietbeck	Johnson	800
183	Schapp	Schapp	500
84	Rosenberg	Rosenberg	500
85	Glasgow	Glasgow	1000
86	Wilhelm	Wilhelm	5500
87	Kluto	Mohler	2400
88	Same	Same	2400
89	Varni	Hamerton	2950
90	Kyle	McCormack	2200
191	Horton	Rountree	10500
192	Figari	Ordito	400
193	Meyer	Gillespie	300
194	Lucas	Bailey	400
195	Turner	Burdick	600
196	Wilshire	Atlas Htg	900
197	Lewis	Lewis	400
198	Cuneo	Cuneo	5000
199	Born	Born	3000
200	National Carbon	Hannah	134519
201	Real Ppty Inv	Jensen	33500
202	R C Archbishop	Peterson	814
203	Casey	Gillmour	7490
204	Same	Thayer	225
205	Same	Dunn	615
206	Silovich	Brown	2900
207	Aydukovich	Aydukovich	2400
208	Same	Same	2400
209	Same	Same	2400
210	Same	Same	2400
211	Risso	Risso	1500
212	Harshold	W'n Hdwd	1000
213	Schwark	Harder	800
214	Bercovich	Novelty	500
215	Bulotti	Thunberg	4500
216	Mills	De Luca	275
217	Hooper	Williams	5260
218	Virgilio	Leigh	2850
219	Dempniak	Owner	32000
220	Samuelson	Samuelson	1600
21	Same	Same	1600
22	Hamill	Hamill	6000
223	Morris	Morris	3000
224	Scoble	Scoble	30000
225	Poetsch	Trost	6223
226	Schmidt	Raymand	500
227	Delucchi	Delucchi	400
228	Field	Bowers	500
229	Brooks	O'Neill	500
230	Schmidt	Schmidt	1000
231	Bjorkman	Holmgren	1809
232	De Golia	Stine	1800
233	Sanmartino	Del Carlo	900
234	N Y&S F Amst	Grace	1588
235	Collins	Hargrave	450
236	Somers	Allen	900
237	Garino	Garino	900
38	Vaughar	Vaughan	450
239	Rosenburg	Rosenburg	500
240	Assoc Oil	Assoc Oil	1900
241	Shell Oil	Shell Oil	400
242	Assoc Oil	Owner	400
43	Thomas	Thomas	1300
244	Boardman	Jacks	1000
245	Patton	Carlson	900
246	Scharwz	Hoin	400
247	Nat'l Brewing	Owner	450
248	De Golia	Anloff	1620
249	Same	Same	1561
250	Same	Same	1903
251	Nat'l Carbon	Turner	45000

ALTERATIONS

(173) S MARKET — E Sixth (Musical Building). Install on 6th floor 2" solid plaster partitions, doors, transomes, glass, plumbing, electrical work, etc in Class "A" building.

Owner.....Ansel M. Easton, Mills Bldg., San Francisco.
Architect...Reid Bros., California-Pacific Bldg., S. F.
Contractor..Stockholm & Allyn et al, Monadnock Bldg., S. F.
COST, $——

NOTE:—Job is under way.

FRAME DWELLING

(174) E LISBON 150 S Excelsior. One and one-half-story and basement frame dwelling.

Owner.....Edward Borchin, 221 Lisbon, San Francisco.
Architect...None.
Day's work. COST, $2000

CLASS "C" BUILDING

(175) N EDDY 87-6 E Larkin E 25x 137-6. Concrete and reinforced steel, setting of same, basement floors, side walk and side walk lights, cribbing, etc., for two-story and basement Class "C" cancrete building.

Owner.....S. Schell, 1367 5th Ave., San Francisco.
Architect...None.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Jan 20, '17. Dated Jan. 18, '17.
Walls poured to 2nd floor.....$1000
Balance to amount of 15% of contract price when work is completed .....
Usual 35 days..... 25%
TOTAL COST, $5650

Bond, limit, forfeit, none. Plans and specifications, none.

ALTERATIONS

(176) NW GRANT AVE & VALLEJO N 35-9 W 68-9 N 11 W 8-4½ S to N wall St. Francis Church th following walls E, S and W to Vallejo E 72-7¾. Alterations and additions, except painting for two-story and basement frame building.

Owner.....The Roman Catholic Archbishop of San Francisco, 1100 Franklin, S. F.
Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor..B. A. Trobock & Co., 230 Judah, San Francisco.
Filed Jan. 20, '17. Dated Jan. 18, '17.
1st story studding and steel girders set $1500
White coat plaster on..... 2500
Completed and accepted..... 2000
Usual 35 days..... 2111
TOTAL COST, $8111

Bond, $4100. Surety, The Aetna Accident & Liability Co. Limit, 75 days from recording. Forfeit, $5. Plans and specifications filed.

FRAME DWELLING

(177) N REVERE 150 E Jennings. One-story and basement frame dwlg.

Owner.....T. L. Sharman, 1440 Shafter Ave., San Francisco.
Architect...None.
Day's work. COST, $1250

ALTERATIONS

(178) NOS. 47-49 HARLOW. New porch, etc., for flats.

Owner.....Mrs. Bauer, 79 Harlow, San Francisco.
Architect...C. O. Clausen, Hearst Bldg San Francisco.
Contractor..Chas. Coburn, 4030 24th, San Francisco.
COST, $1000

ALTERATIONS
(179) NO. 1440 WILLARD. New front and alter dwelling.
Owner.....Mabel M. Wright, 406 Central Ave., San Francisco.
Architect ...None.
Contractor..J. J. Murray, 889 Clayton, San Francisco.
COST, $400

MOVE DWELLING
(180) NO. 2018 WEBSTER, bet. California and Sacramento. Move dwelling and place on new foundation to lot directly to the south of said property.
Owner.....Isidor Jacobs, Premises.
Architect ...None.
Contractor..Wm. Haskins, 2023 Anza, San Francisco.
Filed Jan. 22, '17. Dated Jan. 15, '17.
Moved to new site and in proper place $300
Brick work, foundation and retaining wall put in..... 200
On completion 125
TOTAL COST, $675
Bond, limit, forfeit, plans and specifications, none.

NEW FRONT
(181) NO. 142 POWELL. New front.
Owner.....Caroe Cut-Rate Trunk Co. 132 Kearny, San Francisco
Architect ...None.
Contractor..Fink & Schindler Co., 228 13th, San Francisco.
COST, $400

FRAME DWELLING
(182) S ARMY 25 W Florida. One-story and basement frame dwelling.
Owner.....G. Wietbeck, 3066 22nd, San Francisco.
Architect ...None.
Contractor..P. Johnson, 196½ Valley, San Francisco.
COST, $800

(183) W GENESEE 75 N Mangels. One story and basement frame dwelling.
Owner.....A. Schapp, 944 Pacific Bldg., San Francisco.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(184) W EIGHTH 77 S Bryant. Alter tar and gravel roof.
Owner.....J. Rosenberg Junk Co., Premises.
Architect ...None.
Day's work. COST, $500

FRAME DWELLING
(185) N MARSTEN 200 W Edna. One story and basement frame dwelling.
Owner.....M. A. Glasgow, Millbrae.
Architect ...None.
Day's work. COST, $1000

FRAME SHOP
(186) SE HARRISON 55 SW Tenth. One-story frame shop.
Owner.....R. L. Wilhelm, 428 Capp, San Francisco.
Architect ...None.
Contractor..A. H. Wilhelm, 180 Jessie, San Francisco.
COST, $5500

FRAME DWELLING
(187) E THIRTY-FIFTH AVE 325 S Geary. One-story and basement frame dwelling.
Owner.....Wm. Kluto, 349 Clement, San Francisco.
Architect ...None.
Contractor..T. E. Mohler, 255 8th Ave., San Francisco.
COST, $2400

FRAME DWELLING
(188) E THIRTY-FIFTH AVE 300 S Geary. One-story and basement frame dwelling.
Owner.....Wm. Kluto, 349 Clement, San Francisco.
Architect ...None.
Contractor..T. E. Mohler, 255 8th Ave., San Francisco.
COST, $2400

FRAME DWELLING
(189) N GENEVA 188-4 W Mission. One-story and basement frame dwlg.
Owner.....J. Varni, Geneva Ave. near Mission, San Francisco.
Architect ...None.
Contractor..Wm. C. Hamerton & Son, 1301 Waller, San Francisco
COST, $2950

FRAME DWELLING
(190) E GLADYS 275 N Appleton. One and one-half-story frame dwelling.
Owner.....J. Kyle, 4168 24th, S. F.
Architect ...None.
Contractor..Thos. McCormick, 25 Gladys, San Francisco.
COST, $2200

FRAME RESIDENCE
(191) E THIRTEENTH AVE 127-6 N Fulton E 120xN 55. All work except plumbing, lath and plaster, light fixtures and shades for two-story and basement frame residence.
Owner.....Charles C. Horton, 9 Main, San Francisco.
Architect ...Arthur S. Bugbee, 1684 Washington, S. F.
Contractor..Richard Rountree, 201 Sansome, San Francisco.
Filed Jan. 22, '17. Dated Jan. 22, '17.
Rough frame up.....$1971
Ready for plaster..... 1968
Mill work in place..... 1968
Completed and accepted..... 1968
Usual 35 days..... 2625
TOTAL COST, $10,500
Bond, $5250. Surety, Guardian Casualty & Guaranty Co. Limit, 120 days from Jan. 22, 1917. Forfeit, $5. Plans and specifications filed.

ADDITION
(192) NO. 1878 DONNER AVE. Add two rooms to dwelling.
Owner.....Antonio Figari, Premises.
Architect ...None.
Contractor..Andrea Ordito, 1931 Donner Ave., San Francisco.
COST, $400

ADDITION
(193) NO. 2030 LYON. Add porch and alter dwelling.
Owner.....George H. C. Meyer, Prem.
Architect ...None.
Contractor..G. G. Gillespie, 2214 Divisadero, San Francisco.
COST, $300

ALTERATIONS
(194) NO. 10 FLOOD AVE. Erect stairs, etc., for dwelling.
Owner.....B. Lucas, Mill Valley, Cal.
Architect ...None.
Contractor..J. W. Bailey, 310 Excelsior Ave., San Francisco.
COST, $100

ALTERATIONS
(195) NOS. 1327-29 FILBERT. Alter front for garage.
Owner.....D. and W. Turner, 1325 Filbert, San Francisco
Architect ...None.
Contractor..W. A. Burdick, 515 Anza, San Francisco.
COST, $600

STEAM HEATING PLANT
(196) NO. 1337 CALIFORNIA. Install steam heating plant.
Owner.....Mrs. J. Wilshire, 2408 Vallejo, San Francisco.
Architect ...None.
Contractor..Atlas Heating & Ventilating Co., 73 Freelon, S. F.
COST, $900

FRAME DWELLNG
(197) S SUNNYSIDE 50 W Baden One-story and basement frame dwlg.
Owner.....Clarence E. Lewis, 39 Joost San Francisco.
Architect ...None.
Day's work. COST, $400

FRAME APARTMENTS
(198) SE SYCAMORE & SAN CARLOS Two-story and basement frame (3) apartments and (1) store.
Owner.....Antonio Cuneo, 152 Tiffany Ave., San Francisco.
Architect ...None.
Day's work. COST, $5000

FRAME RESIDENCE
(199) LOT NO. 15, Lincoln Manor being S Clement — W 36th Ave. Two-story and basement frame residence.
Owner.....S. A. Born Bldg. Co., Lincoln Manor, San Francisco.
Architect ...Ida McCain, 660 Market, San Francisco.
Day's work. COST, $3000

BRICK FACTORY BUILDING
(200) NE EIGHTH AND BRANNAN. Excavation, concrete, steel reinforcement, cement, side walk lights, sheet metal, terra cotta, tiling, carpenter, lath and plaster, etc., for four-story and basement brick factory building for American Ever Ready Works.
Owner.....National Carbon Co., Folsom nr 3rd, S. F.
Consulting Eng. ...Maurice C. Couchot, 110 Sutter, San Francisco.
Contractor..J. D. Hannah, Chronicle Bldg., San Francisco.
Filed Jan. 23, '17. Dated Jan. 10, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $134,519
Bond, $67,255. Surety, National Surety Co. Limit, 100 days after notified Forfeit, $50. Plans and specifications filed.

BRICK STORES
(201) SE SUTTER AND POWELL S 138-5xE 115-9. All work for one-story and basement brick building (10 stores).
Owner.....Real Property Investment Corporation, 1st National Bank Bldg., S. F.
Architect ...J. R. Miller, 213 Lick Bldg San Francisco.
Contractor..G. P. W. Jensen, 720 Market, San Francisco
Filed Jan. 23, '17 Dated Jan. 22, '17
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST $22,500
Bond $16,750 Surety Massachusetts Bonding & Insurance Co. Limit 77 days. Forfeit, $50 Plans and specifications filed.

ALTERATIONS
(202) NW GRANT AVE & VALLEJO N 33-9 W 68-9 N 11 W 8-11g S along wall of St. Francis Church to N wall said church th along line of church in E. S and W direction to Vallejo E 72-7¾. Painting, graining, etc., for alterations and additions to frame building.
Owner.....The Roman Catholic Archbishop of San Francisco, 1100 Franklin S. F.
Architect..Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor Martin Peterson, 215 29th, San Francisco
Filed Jan. 23, '17. Dated Jan 18, '17.
On 1st and 15th of each month 75%
Usual 35 days. 25%.....$203.50
TOTAL COST, $814.00
Bond, $407. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, $5. Plans and specifications filed.

FRAME RESIDENCE
(203) NE SIXTEENTH AND SANCHIEZ N 30xE 95. All work except plumbing and electrical work for three-story frame residence.
Owner.....Annie Casey, 1777 15th, San Francisco.
Architect...Matthew O'Brien, 68 Post, San Francisco.
Contractor..George D. Gilmour, 1953 Howard, San Francisco.
Filed Jan. 23, '17. Dated Jan. 17, '17.
Roof on & building enclosed..$1404.35
Brown coated 1404.35
Standing trim on..... 1404.40
Completed and accepted 1404.40
Usual 35 days..... 1872.50
TOTAL COST, $7490.00
Bond, $3745. Sureties, R. J. Dunnigan and Margaret Gilmour. Limit, 90 days. Forfeit, $20. Plans and specifications filed.

(204) ELECTRICAL WORK ON ABOVE
Contractor..H. P. Thayer, 51 Second, San Francisco.
Filed Jan. 23, '17. Dated Jan. 17, '17.
Roughed in $84.35
Completed and accepted..... 84.35
Usual 35 days..... 56.25
TOTAL COST, $225.00
Bond, none. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

(205) PLUMBING, GAS FITTING, ETC on above.
Contractor..Neil H. Dunn, 786 Ellis, San Francisco.
Filed Jan. 23, '17. Dated Jan. 17, '17.
Roughed in $230.60
Completed and accepted 230.65
Usual 35 days..... 153.75
TOTAL COST, $615.00
Bond, none. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

REPAIRS
(206) NW CABRILLO AND FOURTH Ave. Repair fire damage to tenements.
Owner.....Capt. John Silovich, 675 4th Ave., S. F.
Architect...None.
Contractor..S. E. Brown, 1434 6th Ave., San Francisco.
COST, $2900

FRAME RESIDENCE
(207) W TWENTY-FIRST AVE 225 S Balboa. Two-story and basement frame residence.
Owner.....Lazar Aydukovich Co., 1378 46th Ave., S. F.
Architect...None.
Day's work. COST, $2400

FRAME RESIDENCE
(208) W TWENTY-FIRST AVE 250 S Balboa. Two-story and basement frame residence.
Owner.....Lazar Aydukovich Co., 1378 46th Ave., S. F.
Architect...None.
Day's work. COST, $2400

FRAME RESIDENCE
(209) W TWENTY-FIRST AVE 275 S Balboa. Two-story and basement frame residence.
Owner.....Lazar Aydukovich Co., 1378 46th Ave., S. F.
Architect...None.
Day's work. COST, $2400

FRAME RESIDENCE
(210) W TWENTY-FIRST AVE 200 S Balboa. Two-story and basement frame residence.
Owner.....Lazar Aydukovich Co., 1378 46th Ave., S. F.
Architect...None.
Day's work. COST, $2400

FRAME DWELLING
(211) NE FLOOD AND DETROIT. One-story and basement frame dwlg.
Owner.....G. V. Risso, 73 Telegraph Place, San Francisco.
Architect...None.
Day's work. COST, $1500

ALTERATIONS
(212) NO. 145 EDDY. Alter front.
Owner.....A. K. Harshold, Premises.
Architect...None.
Contractor..Western Hardwood Mfg. Co., 1034 Golden Gate Ave., San Francisco.
COST, $1000

FRAME STORE
(213) S TWENTIETH 56 E Illinois. One-story and basement frame store.
Owner.....Jack Schwark, 2558 Third, San Francisco.
Architect...None.
Contractor..John Harder, 40 Shipley, San Francisco.
COST, $800

SIGN
(214) NW EDDY AND POWELL. Electric sign.
Owner.....H. Bercovich Cigar Co., Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $500

FRAME FLATS
(215) NW SIXTEENTH AVE AND California. All work except light fixtures, finish hardware and window shades for two-story and basement frame flats.
Owner.....A. A. Bulotti, 4351 California, San Francisco.
Plans by Contractor.
Contractor..Gus E. Thunberg, 640 9th Ave., San Francisco.
Filed Jan. 24, '17. Dated Jan. 24, '17.
Rough frame up and rafters on..$1125
1st coat plaster on..... 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days.. Forfeit, none. Plans and specifications filed.

TEAR DOWN BUILDING, ETC.
(216) S PINE next to Sub-Treasury Building. Tear down to level of lot and remove all debris, brick walls, columns and piers (steel I beams to remain property of owner).
Owner.....Ogden Mills.
Architect...None.
Contractor..R. De Luca, 2232 Jones, San Francisco.
Filed Jan. 24, '17. Dated Jan. 8, '17.
Payments not given.....
TOTAL COST, $275
Bond, none.. Limit, 10 working days. Forfeit, none. Plans and specifications none.

WOODWORK, ETC.
(217) W BATTERY bet. Pine and California. Carpentry and wood work for building known as John A. Hooper Building.
Owner.....Kenneth MacDonald Jr., (see note).
Architect...Kenneth MacDonald Jr., Holbrook Bldg., S. F.
Contractor..Williams Bros. & Henderson, 381 10th, S. F.
Filed Jan. 24, '17. Dated Jan. 23, '17.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $5260
Bond, none. Limit, during construction of building. Forfeit, none. Plans and specifications, none.
NOTE:—As filed, but owner is John A. Hooper.

RESIDENCE
(218) W TWENTY-SECOND AVE 175 N Balboa N 25xW 120. All work except tiling, lighting fixtures, finish hardware, heating, shades, interior painting and paper hanging for six-room and basement residence.
Owner.....Vincent Virgilio, 2639 California, San Francisco.
Architect...None.
Contractor..Leigh & Schultz, 419 21st Ave., San Francisco.
Filed Jan. 25, '17. Dated Jan. 12, '17.
Frame up and roof on.....$712.50
Brown coated 712.50
Completed and accepted..... 712.50
Usual 35 days..... 712.50
TOTAL COST, $2850.00
Bond, $1425. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, $2. Plans and specifications filed.

CONCRETE APARTMENTS
(219) N EDDY 275 W Larkin. Four-story and basement concrete (24) apartments.
Owner.....Michael Dempniak, 1828 Hyde, San Francisco.
Architect...E. P. Antonovich, 20 Montgomery, San Francisco.
Day's work. COST, $32,000

FRAME DWELLING
(220) NW BRUNSWICK 48 NE Curtis. One and one-half-story and basement frame dwelling.
Owner.....A. M. Samuelson, 3732 21st, San Francisco.
Architect...None.
Day's work. COST, $1600

FRAME DWELLING
(221) NW BRUNSWICK 24 NE Curtis. One and one-half-story and basement frame dwelling.

Owner.....A. M. Samuelson, 3732 21st, San Francisco.
Architect ...None.
Day's work. COST, $1600

FRAME APARTMENTS
(222) NW ANZA AND SIXTEENTH Ave. Two-story and basement frame (4) apartments.
Owner.....Thos. Hamill, 5535 Geary, San Francisco.
Architect ...None.
Day's work. COST, $6000

FRAME RESIDENCE
(223) W TENTH AVE 200 S Balboa. Two-story and basement frame residence.
Owner.....A. T. Morris, 501 11th Ave., San Francisco.
Architect ...None.
Day's work. COST, $3000

FRAME APARTMENTS
(224) NW LAKE AND TWENTY-seventh Ave. Two-story and basement frame (10) apartments.
Owner.....Thos. Scoble, 5445 Geary, San Francisco.
Architect ...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $30,000

ALTERATIONS
(225) NW ARMY AND HARRISON. Grading, foundations, underpinning and house moving for alterations and additions to two-story frame building.
Owner.....Herman Poetsch & Gustave Peterson, 3112 Army, S. F.
Architect ...Fabre & Bearwald, Merchants' National Bank Bldg San Francisco.
Contractor..Robt. Trost, 26th and Howard, San Francisco.
Filed Jan. 26, '17. Dated Jan. 24, '17.
Payments semi-monthly of.... 75%
Usual 35 days, 25%.....$1556
TOTAL COST, $6223
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(226) NO. 2614 SACRAMENTO. Enclose garage for porch.
Owner.....Max Schmidt, Premises.
Architect ...None.
Contractor..L. Raynand, 509 Jersey, San Francisco.
COST, $500

ALTERATIONS
(227) NW THORNTON AND ELMIRA. Alter stable.
Owner.....F. Delucchi, 725 Thornton, San Francisco.
Architect ...None.
Contractor..D. Delucchi, 241 Bowdoin, San Francisco.
COST, $400

REPAIRS
(228) E THIRTY-FOURTH AVE 175 S Geary. Underpin and repair dwlg.
Owner.....C. Field, Ketchikan,Alaska
Architect ...D. C. Field, Stanford University, Palo Alto.
Contractor..J. A. Bowers, 649 25th Ave., San Francisco.
COST, $500

ALTERATIONS
(229) NE EUCLID AND PALM AVES. Re-arrange for bath room.
Owner.....Jas. H. Brooks, Care Architect.
Architect ...J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor..Daniel O'Neill, 273 Minna, San Francisco.
COST, $500

FRAME DWELLING
(230) W WOOL 75 N Eugenia One-story and basement frame dwelling.
Owner.....J. C. Schmidt, 65 Ellsworth, San Francisco.
Architect ...None.
Day's work. COST, $1000

FRAME DWELLING
(231) W MUNICH 150 N Genoa. One-story and basement frame dwlg.
Owner.....V. Bjorkman, 1260 Naples, San Francisco.
Architect ...None.
Contractor..V. Holmgren, 1206 Naples, San Francisco.
COST, $1800

FRAME DWELLING
(232) N RIVERA 100 W 18th Ave One-story and basement frame dwlg.
Owner.....E. B. De Golia, 228 Pine, San Francisco.
Architect ...United Home Bldrs., 1762 Broadway, Oakland.
Contractor..O. C. Stine Co., 23 Montgomery,San Francisco.
COST, $1800

ALTERATIONS
(233) NO. 811 NORTH POINT. Alter dwelling.
Owner.....Giovanni Da Sanmartino, Premises.
Architect ...None.
Contractor..Lawrence Del Carlo, 2915 Franklin, San Francisco.
COST, $900

ALTERATIONS
(234) NO. 965 MARKET. Erect Class "A" organ shelves and metal lath and plaster screen.
Owner.....N. Y. and S. F. Amusement Co., Premises.
Architect ...J R. Miller, 213 Lick Bldg. San Francisco.
Contractor..Grace & Bernieri, 703 Market, San Francisco.
COST, $1688

ADDITIONS
(235) NO. 465 MADRID. Add 3 rooms.
Owner.....Dennis Collins, Premises.
Architect ...None.
Contractor..E. J. Hargrave, 360 London, San Francisco.
COST, $40

ALTERATIONS
(236) NO. 1044 PAGE. Alter dwelling into 2 flats.
Owner.....Dr. Howard Somers, Butler Bldg., San Francisco.
Architect ...None.
Contractor..L. L. Allen, 239 Paris, S. F.
COST, $900

FRAME DWELLING
(237) NW EDINBURGH 175 NE Italy. One-story and basement frame dwlg.
Owner.....Leonardo Garino, 203 Senaca Ave.., San Francisco.
Architect ...None.
Day's work. COST, $1000

ADDITION
(238) NO. 534 MOSCOW. Move and add one room and underpin dwelling.
Owner.....Wm. Vaughan, Premises
Architect ...None.
Day's work. COST, $450

[illegible] COTTAGE
[illegible] Frame cottage
[illegible]
Architect ...None.
[illegible] work. COST, $

EXTEND PLATFORM
[illegible] SIXTEENTH AND [illegible]
Extend present platform
Owner.....Associated Oil Co. [illegible] Bldg San Francisco
Architect ...None.
Day's work COST $1

MOVE STATION
[illegible] NE FELL AND STANYAN
Move supply station
Owner.....Shell Co. of California, Sansome, San Francisco
Architect ...None.
Day's work. COST $

ALTERATIONS
[illegible] SIXTEENTH AND ILLINOIS
Extend roof and add [illegible]
Owner.....Associated Oil Co. Shaw Bldg San Francisco
Architect ...None.
Day's work. COST $

FRAME DWELLING
[illegible] N APPLETON [illegible]
One and one-half-story and basement frame dwelling.
Owner.....Michael Thomas, 115 Appleton, San Francisco.
Architect ...None.
Day's work. COST, $1300

ELEVATOR SHAFT
[illegible] NO. 1950 CALIFORNIA Build shaft for elevator.
Owner.....G. C. Boardman, Premises.
Architect ...Welsh & Carey, Merchants National Bank Bldg., S. F.
Contractor..Henry Jacks, 180 Jessie, San Francisco.
COST, $1000

ALTERATIONS
[illegible] NOS. 2224-26 BUSH Alter garage.
Owner.....M. E. Patton, [illegible] Scott, San Francisco
Architect ...Jno. J. Foley, 46 Kearny, San Francisco.
Contractor..N. A. Carlson, [illegible] Potrero Ave., San Francisco.
COST, $900

ALTERATIONS
(246) NO. 998 OAK. Alter store.
Owner.....Sharwz Co., Napa, Cal.
Architect ...None.
Contractor..Theo. S. Hom, [illegible] Washington, San Francisco
COST, $400

ALTERATIONS
[illegible] SE FULTON AND WEBSTER
Extend floor for office.
Owner.....National [illegible] Premises.
Architect ...None.
Day's work. COST, $450

FRAME DWELLING
[illegible] N RIVERA [illegible] Ave One-story and [illegible] dwelling.
[illegible] E. B. [illegible] San Francisco.
Architect ...United Home Bldrs., 1762 Broadway, [illegible]
Contractor..O. C. [illegible] Montgomery, San Francisco
COST, $1800

FRAME DWELLING
(2490 N RIVERA 77-7 E 17th Ave. One-story and basement frame dwlg.
Owner .... E D Goha, 228 Pine, S. F.
Architect ...None.
Contractor ..J. G. Anloff, 23 Montgomery, San Francisco.
COST, $1561

FRAME DWELLING
(2500 NE RIVERA & SEVENTEENTH Ave. One and one-half-story frame dwelling.
Owner .... E. D. Goha, 228 Pine, S. F.
Architect ...None.
Contractor..J. G. Anloff, 23 Montgomery, San Francisco.
COST, $1903

PLUMBING, ETC.
(2510 NE EIGHTH AND BRANNAN. Plumbing, domestic hot water, gas piping, high pressure steam, vacuum cleaner piping, sprinkler, heating and exhaust fans for building for American Ever Ready Works.
Owner.....National Carbon Co., Folsom near 3rd, S. F.
Consulting Eng. ...Maurice C. Couchot, 110 Sutter, San Francisco.
Contractor..The Turner Co., 278 Natoma, San Francisco.
Filed Jan. 27, '17. Dated Jan. 26, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $45,000
Bond, none. Limit, 12 working days after completion of concrete and marble work. Forfeit, $25. Plans and specifications, none.

LEASE

SAN FRANCISCO COUNTY.

Jan. 26, 1917—NO. 338 CASTRO. Wm Lehikoinen to E Lampre and A Mavraky. 5 years. $2070.

Jan. 22, 1917—NO. 615 POST S line bet Taylor and Jones. Mrs Bessie E Hay to Aline Ellis. 1 year. $1260.

Jan. 22, 1917—NO. 2826 LYON bet Filbert and Greenwich. E O'Malley to A Ginsberg and C Marakas. 5 years. $1980.

Jan. 23, 1917—NO. 1418 CLEMENT. A Melander to Leon Pursch, 1 year. $570. Assigned Nov. 20, 1916, by A Melander to Frederick Huelter ...

Jan. 24 1917—SE GOLDEN GATE AVE and Gough S 155 E 110 N 35 W 52-6 N 120 W 57-6. Anita A Schulz, Merta A Hill, Anna E Kuner, Bertha K Kuner, Martha P Gehrcke and Rudolph A Kuner to J J Schnerr. 10 years. $39,000.

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Jan. 27, 1917—NOS. 8 & 10 KEARNY M H De Young as to improvements on leased property.....

Jan. 24, 1917—SW AUSTIN AND VAN Ness Aves W 100xS 60. M W Levy as to improvements on leased property .....

Jan. 26, 1917—NOS. 1055, 1063, 1067 Grant Ave. Sullivan Estate Co as to improvements on leased property

Jan. 22, 1917—S CLAY 125 E Drumm E 25xS 119-6. Louis and Frank Cames as to improvements on leased property .....

Jan. 20, 1917—NW BUSH & JONES N 100xW 62-6. E F Flinn, C J Curran and M G Hennessey as to improvements on leased property

RELEASE OF BUILDING CONTRACT.

SAN FRANCISCO COUNTY.

Jan. 22, 1917—E THIRTEENTH AVE 127-6 N Fulton E 120xN 55. Chas C Horton with Richard Rountree.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Jan. 19, 1917—NO. 340 STOCKTON. Chas H Crocker to Brode Iron Works.....Jan. 18, 1917

Jan. 19, 1917—LOT 15 BLK 18 Crocker Amazon Tract. Benjamin Fehnemann to whom it may concern.....Jan. 18, 1917

Jan. 20, 1917—SE CLARA 325 SW Fifth SW 25xSE 80. Helen C Dixon to A H Wilhelm..Jan. 14, 1917

Jan. 20, 1917—W TWENTY-FIFTH Ave 225 S Judah S 50xW 120. Dominic Tiscornia to whom it may concern..... Jan. 20, 1917

Jan. 22, 1917—W FORTY-THIRD AV 56 S Cabrillo S 25xW 95; W 43rd Ave 81 S Cabrillo S 25xW 95; W 43rd Ave 31 S Cabrillo S 25xW 95; W 43rd Ave 131 S Cabrillo S 25xW 95. Jas H and Rebecca Hardy to whom it may concern..Completed —

Jan. 22, 1917—N SUTTER 137-6 W Mason. C T Ryland to Harold Johnson.....Jan. 15, 1917

Jan. 22, 1917—NW FILBERT AND Columbus Ave W 61-1⅛ N 65-6¾ E 6-6 SE 85-3⅛. D J & A Casassa to G Ghezzi.....Jan. 20, 1917

Jan. 22, 1917—W LEAVENWORTH 77-10 N Sutter N 37-6xW 90-6. Anton Rulfs to National Mill & Lumber Co and Simon Fraser..... .....Jan. 22, 1917

Jan. 22, 1917—LOT 15 BLK 9 Lakeview. Jennie I Harbin to Olaf Olsen .....Jan. 18, 1917

Jan. 23, 1917—W CHURCH 30 S Liberty S 27xW 105. Dennis O'Connell to Einar Petersen.....Jan. 18, 1917

Jan. 23, 1917—COMG 321-6 N from NW Valencia and 26th N 36xW 90. Thos Maino to Farnocchia Petri & Co.....Jan. 23, 1917

Jan 23 1917—E DELTA 78-6 S Vicitation Ave S 59-6xE 104 Lots 11 and 12 Blk 15, Sunnyvale Hd. Gaetano and Amelia Assalino to T H Parry .....Jan. 23, 1917

Jan. 23, 1917—E TWENTY-SIXTH Ave 50 N Balboa N 75x90. James Brown to E J Spence....Jan. 23, 1917

Jan. 24, 1917—E TWENTY-SIXTH Ave 75 N Balboa N 25x90. E J Spence to whom it may concern.. .....Jan. 24, 1917

Jan. 24, 1917—S BISMARK 287-6 W San Jose Ave 37-6x100. Wm H Grahn to whom it may concern.... .....Jan. 22, 1917

Jan. 24, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de Welch to Atlas Heating & Ventilating Co.....Jan. 22, 1917

Jan. 25, 1917—NO. 921 UNION. Theo Wores; to F H Field....Jan. 21, 1917

Jan. 25, 1917—NE CHESTNUT AND Polk 33-6x85. Frank or F Landy and Z Biaggini to Paul Maffei..... .....Jan. 24, 1917

Jan. 25, 1917—LOT 2 and SE 6.67 feet Lot 3 Blk 2127, Forest Hill Court. Wm H Kiler to whom it may concern.....Jan. 24, 1917

Jan. 25, 1917—S BALBOA 95 E 18th Ave. Leo J Ruegg to whom it may concern.....Jan. 17, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Jan. 18, 1917—SW CALIFORNIA & Davis W 87-6xS 137-6. Gladding, McBean & Co vs California Street Realty Co and J H Hjul.....$359.78

Jan. 20, 1917—SW CALIFORNIA & Davis W 87-6xS 137-6. Peterson-Kartschoke Brick Co vs California Street Realty Co and J H Hjul $101

Jan. 23, 1917—W GUERRERO 110 S 25th W 135xS 25. John F Byrne vs Wm H Augustine $15

Jan. 25, 1917—NO. 2124 HYDE E line 97-6 N Filbert N 40 E 59-1½ S 40 W 59-1½. J S Guerin vs H E Rose and Chas Duthie.....$86.29

Jan. 25, 1917—E JULIAN AVE 155 S 15th S 30x84. J S Guerin & Co vs Marie Metter and Pacific Cement Work Co.....$90.15

Jan. 25, 1917—N CLAY 115 W Scott W 25xN 127-8¼. George Ryan vs Mary E Jorden or Mrs P C Jordan, E V Muller and H J Crim.....$251.88

Jan. 26, 1917—BLK BDED N by Waller; W by Central Ave; S and E by Buena Vista Ave. Joost Bros vs The Roman Catholic Archbishop of San Francisco, St. Francis Girls' Directory Orphan Asylum....$490.95

Jan. 26, 1917—SE MONTGOMERY & Clay. Henry Cowell Lime & Cement Co vs Greenback Plastering Co and The Bank of Italy.....$27.63

OAKLAND AND ALAMEDA COUNTY.

ELECTROLIER SYSTEM—Cost not stated. San Leandro, Alameda Co., Cal. Engineer's name not given. Owners, Town of San Leandro. The City Trustees have ordered bids received for the installation of an electrolier lighting system on East 14th street, etc., up to February 19th at 8 p. m. Plans and further information may be had from the City Clerk.

APARTMENT HOUSE—3 story and base, frame, $30,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. A. Schmidt, 71 10th street, Oakland. Location, Dana and Dwight Way. Will contain a total of 39 suites of two and three rooms. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, William H. Sims, 1926 64th avenue, Oakland. Location, west 63rd avenue north Fortune. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, Ole Kolen, 3127 Bruce street, Oakland. Location, west Ransom avenue south Santa Rita. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, Alfred Cords, First National Bank Bldg., Oakland. Location, south Greenbank west Grand avenue. Will contain five rooms, bath and sleeping porch. Plans compdete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Carl

Bruesson, 1200 Masonic avenue, Berkeley. Location, south University avenue east San Pablo. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,000. Berkeley, Alameda Co., Cal. Architect, C. H. Allison, 34 Brookside, Berkeley. Location, north Bancroft west Browning. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, R. B. Wilson, 1508 41st avenue, Oakland. Location, northeast 37th street east Lindwood. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $50,00. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, W. A. Anderson, 531 Van Buren avenue, Oakland. Location, north Lagunitas west Perry. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

CHURCH—1 story and base, concrete, $35,000. Livermore, Alameda Co., Cal. Architect, C. E. McCreg, First National Bank Bldg., Oakland. Owners, Roman Catholic Church. Will contain main auditorium, Sunday school rooms and pastor's study. Plans complete and figures being taken.

FACTORY GROUP—1 and 2 story, reinforced concrete, $150,000. Oakland, Cal. Architect's name not given. Owners, Valveless Rotary Pump Co., 223 Broadway, Oakland. This company is now securing a site and further details will be given when the purchase is made.

GARAGE—1 story, reinforced concrete. Cost not stated. Oakland, Cal. Architect, none. Owners, Alameda County. Bids will be opened for this building on February 13th at 10 a. m. Plans can be secured from the office of the County Clerk.

HOTEL ALTERATIONS—3 story and base, frame, $30,000. Oakland, Cal. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner's name withheld. Location, Jackson street. Work will consist of interior and exterior alterations and will include carpentry work, plastering, painting, plumbing and electric work. Plans are complete and figures being taken.

SCHOOL HARDWARE — Cost not stated. Alameda, Alameda Co., Cal. Architect, none. Owners, City of Alameda. Bids will be opened on February 6th for furnishing finish hardware for a two-story brick school. Plans can be secured from the Secretary of the Board of Education.

FREE MARKET—1 story and base, brick and steel, $70,000. Oakland, Cal. Engineer, V. N. Dalton, Foxcroft Bldg., S. F. Owner, J. Pantoskey. Location, southwest 10th and Washington Sts., covering an area of 200 by 200 feet. Plans complete and owner to take figures in about ten days.

Contract Awarded.

GARAGE—1 story and base, brick, $7,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. H. Lohmann, Union Savings Bank Bldg., Oakland. Contractors, Sommarstrom Bros., 2417 Telegraph avenue, Oakland. Contract price, $7,500.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
158	Kolen	Kolen	2000
159	Criger	Warner	2400
160	Crane	Paraffine	675
161	Same	Kurtz	1385
162	Same	Carnahan	27254
170	Beatty	Lodge	2000
171	Hersheier	Legault	500
172	Hall	Quigley	300
173	Dennie	Dennie	500
174	Sang Co	Walker	2000
175	Cords	Cords	1850
179	Ponchione	Garello	500
180	Gilson	Schnebly	400
181	Salinger	Salinger	500
182	Salinger	Kennedy	400
183	Taylor	Goodwin	450
184	Brignardelli	Bregante	1000
185	Western Oyster	Rose	600
186	Okd Kinema	Owner	1000
194	Endriss	Kulchar	1000
195	Wachs	Kulchar	1100
96	Sims	Sims	1500
199	Eastman	Lewis	1922
200	Hardy	Sommarstrom	6000
201	Anderson	Anderson	5000
202	Wilson	Wilson	2500
203	Behrens	Russell	1800
204	Lockhead	Owner	400
205	Culler	Ball	1400
207	Gen Contractors	Owner	500
208	Roat	Hildebrand	500
209	Harvey	Parker	1500
210	Same	Same	23110
211	Same	Same	1425
212	Heywood	Texdahl	1648
213	Same	Franks	3535

DWELLING
(158) W RANSOM AVE 75 S Santa Rita, Oakland. One-story 5-room dwelling.
Owner.....Ole Kolen, 3127 Bruce, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(159) S BOND 70 W Seminary Ave., Oakland. One-story 6-room stone and dwelling.
Owner.....J. J. Criger, 2525 57th Ave., Oakland.
Architect ...None.
Contractor..S. A. Warner, 5394 Princeton, Oakland.
COST, $2400

ROOFING
(160) W CORNER TWENTY-FIRST and Broadway, Oakland. Roofing for two-story brick and reinforced concrete store and loft building.
Owner.....H. S. Crane.
Architect ...W. H. Weeks, 75 Post, San Francisco.
Contractor..Paraffine Paint Co., 34 First, San Francisco.
Filed Jan. 20, '17. Dated Jan. 15, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $675
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(161) ELECTRIC WORK ON ABOVE.
Contractor..O. Kurtz, 3518 Grove, Oakland.
Filed Jan. 20, '17. Dated Jan. 15, '17.
Payments same as above.....
TOTAL COST, $1385
Bond, $693. Sureties, F. A. Kurtz and Wm. Kurtz. Limit, 75 days. Forfeit, $10. Plans and specifications filed.

(162) ALL WORK EXCEPT ROOFING and electric work on above.
Contractor..Carnahan & Mulford, 45 Kearny, San Francisco.
Filed Jan. 20, '17. Dated Jan. 15, '17.
Payments same as above.....
TOTAL COST, $27,254
Bond 4 sets Surety Actna Accident & Liability Co. Limit 75 days. Forfeit $10. Plans and specifications filed.

DWELLING AND GARAGE
(170) LOT 9 BLK A7 Map Fourth Ave Park, Oakland All work for one-story dwelling and garage
Owner .....Mrs C L Beatty, 1747 Webster, Oakland.
Architect ...None.
Contractor..C F. Lodge, 611 Cleveland Oakland.
Filed Jan. 22, '17. Dated Jan 20, '17
Frame up $275
Brown coated 275
Completed and accepted $275 and deed to Lot 12 Blk 7 Map 4th Ave Heights, Oakland .....
Usual 35 days..... 275
TOTAL COST, $2000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

REPAIRS
(171) NO. 3972 PIEDMONT AVE., Oakland. Fire repairs.
Owner.....Julia M. Hersheier, Okd.
Architect ...None.
Contractor..Alfred Legault, 3929 West, Oakland.
COST, $500

GARAGE
(172) NO. 638 SANTA RAY AVE., Oakland. Garage.
Owner.....Mary J. Hall, Premises.
Architect ...None.
Contractor..Chas. E. Quigley, 385 Palm Ave., Oakland.
COST, $300

ADDITION
(173) NO. 2477 EIGHTY-SECOND AVE Oakland. Addition.
Owner.....C. Dennie, Premises.
Architect ...None.
Day's work. COST, $500

COOLING ROOM
(174) NO. 431 NINTH, Oakland. Cooling room.
Owner.....Gee Sang Co., Premises.
Architect ...None.
Contractor..T. G. Walker, 566 4th, Okd
COST, $2000

DWELLING
(175) S GREENBANK 203 W Grand Ave., Piedmont. One-story five-room dwelling and garage.
Owner.....Alfred Cords, 1st Savings Bank Bldg., Oakland.
Architect ...None.
Day's work. COST, $1850

ALTERATIONS
(179) NO. 972 FORTY-THIRD, Oakland. Alterations.
Owner.....E. Ponchione, 434 Avon, Oakland.
Architect ...None.
Contractor..P. Garello, 311 51st, Okd.
COST, $500

ALTERATIONS
(180) NO. 304 TWELFTH, Oakland Alterations.
Owner.....Gilson Electric Supply Co., Premises.
Architect ...None.
Contractor..Schnebly, Hostrawser & Pedgrift, 6th & Jackson, Oakland.
COST, $400

CONCRETE STORE
(181) NO. 2927 BROADWAY, Oakland
One-story concrete store
Owner.....A. M. Salinger, 1119 Broadway, Oakland.
Architect ...None.
Day's work COST, $500

ALTERATIONS
(182) NO. 2929 BROADWAY, Oakland.
Alterations.
Owner.....A. M. Salinger, 1119 Broadway, Oakland.
Architect ...None.
Contractor..F. T. Kennedy.
COST, $400

ALTERATIONS
(183) NO. 809 EIGHTH AVE., Oakland
Alterations.
Owner.....M. A. Taylor, North End Grand St., Alameda.
Architect ...None.
Contractor..W. L. Goodwin.
COST, $450

DWELLING
(184) W SHAFTER AVE 140 N 49th, Oakland. One-story 4-room dwlg.
Owner G. Brignardelli.
Architect ...None.
Contractor D. Bregante
COST, $1000

ALTERATIONS
(185) NO. 1458 BROADWAY, Oakland.
Alterations.
Owner....Western Oyster Co., 429 15th, Oakland.
Architect ...None.
Contractor..A. H. Rose & Co., 545 17th, Oakland.
COST, $600

ELECTRIC SIGN
(186) NO. 1532 BROADWAY, Oakland.
Electric sign.
Owner.....Oakland Kinema Theatre, Premises.
Architect ...None.
Day's work. COST, $1000

ALTERATIONS
(194) NO. 509 FOURTEENTH Oakland.
Alterations.
Owner...R. C. Endriss, 501 15th, Oakland.
Architect ...None.
Contractor S. Kulchar & Co., 8th Ave and E-10th, Oakland.
COST, $1000

ALTERATIONS
(195) NO. 514 THIRTEENTH, Oakland.
Alterations.
Owner....Wachs Realty Co., 1309 Washington, Oakland.
Architect ...None.
Contractor..S. Kulchar & Co., 8th Ave. and E-10th, Oakland.
COST, $1100

DWELLING
(196) W SIXTY-THIRD AVE 320 N Fortune Way, Oakland. One-story four-room dwelling.
Owner....Wm. H Sims 1906 64th Ave., Oakland.
Architect ...None.
Day's work. COST $1500

ALTERATIONS
(199) NO. 652 CHETWOOD, Oakland.
All work for alterations to two-story dwelling.
Owner....Mrs. Adelaide Eastman, 652 Chetwood, Oakland.
Architect ...Thomas N. Murray, 998 Monadnock Bldg., S. F.
Contractor..L. S. Lewis, 955 Ventura, Berkeley.
Filed Jan. 25, '17. Dated Jan. 23, '17.
Frame up and roof on..... ¼
Electric work completed..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $1922
Bond, $961. Surety, Maryland Casualty Co. Limit, 35 days. Forfeit, none.
Plans and specifications filed.

BRICK GARAGE
(200) S TWENTY-NINTH 125 E Broadway, Oakland. One-story brick garage.
Owner.....Mrs. Maria L. Hardy, 295 29th, Oakland.
Architect ...None.
Contractor..Sommarstrom Bros., 2417 Telegraph Ave., Berkeley.
COST, $6000

DWELLING
(201) N LAGUNITAS 350 W Perry, Oakland. Two-story 7-room dwlg.
Owner.....W. A. Anderson, 531 Van Buren Ave., Oakland.
Architect ...Chas. W. McCall, Central Bank Bldg., Oakland.
Day's work. COST, $5000

DWELLING
(202) N E-THIRTY-SEVENTH 110 E Linwood Ave., Oakland. One-story 6-room dwelling.
Owner.....R. B. Wilson, 1508 41st Ave Oakland.
Architect ...None.
Day's work. COST, $2500

DWELLING
(203) W THIRTY-FIFTH AVE 200 S School, Oakland. One-story five-room dwelling.
Owner.....Henry Behrens, 1030 Fruitvale Ave., Oakland.
Architect ...None.
Contractor..Russell & Sons, 3614 Porter Oakland.
COST, $1800

ALTERATIONS
(204) NO. 1085 SEVENTH, Oakland.
Owner.....A. Lockhead, Premises.
Architect ...None.
Day's work. COST, $400

DWELLING
(205) E MAGEE AVE 396 S Wisconsin, Oakland. One-story 4-room dwelling.
Owner.....Mrs. Minnie Culler, 3664 38th Ave., Oakland.
Architect ...None.
Contractor..J. F. Ball, 3664 38th Ave., Oakland.
COST, $1400

ALTERATIONS
(207) NO. 565 SIXTEENTH, Oakland.
Alterations.
Owner....General Contractors' Association, Premises.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(208) NO. 2372 E-FOURTEENTH, Oakland. Alterations.
Owner.....Henry Root.
Architect ...None.
Contractor..C. G. Hildebrand, 3257 Galindo, Oakland.
COST, $500

BOILER HOUSE
(209) E EIGHTY-FIFTH AVE., bet. Western Pacific and Southern Pacific railroad tracks, Oakland. One-story boiler house.
0Owner.....Harvey & Braun, Hotel Menlo, Oakland.
Architect ...None.
Contractor..Parker Constr. Co.
COST, $1500

FACTORY
(210) E EIGHTY-FIFTH AVE bet. Western Pacific and Southern Pacific railroad tracks, Oakland. One-story Class "C" factory and warehouse.
Owner.....Harvey & Braun, Hotel Menlo, Oakland.
Architect ...None.
Contractor..Parker Constr. Co., Okd.
COST, $23,110.10

REST ROOM, ETC.
(211) E EIGHTY-FIFTH AVE. bet. Western Pacific and Southern Pacific railroad tracks, Oakland. One-story rest room and lavatory.
Owner.....Harvey & Braun, Hotel Menlo, Oakland.
Architect ...None.
Contractor..Parker Constr. Co., Okd.
COST, $1425

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
163	Rlty Union	Burks	1950
164	Same	Same	1950
165	Same	Same	1950
166	Same	Same	1950
167	Same	Same	1950
168	Allison	Allison	1000
169	Lohmann	Sommarstrom	7500
176	Ruby	Pinkerton	300
177	Junk	Riddell	5000
178	Atkins	Ishimaru	400
193	Whiteside	Jones	6855
197	Ericsson	Ericsson	2000
198	Strauch	Chick	2000
06	Sweet	Haynes	500
214	Same	Livermore	989

DWELLING
(163) E SACRAMENTO 150 S Addison, Berkeley. One-story 5-room dwlg.
Owner.....Realty Union Invst. Co., Mills Bldg., San Francisco.
Architect ...None.
Contractor..C. E. Burks, 4152 Randolph Ave., Oakland.
COST, $1950

(164) E SACRAMENTO 112½ S Addison Berkeley. One-story 5-room dwlg.
Owner.....Realty Union Invst. Co., Mills Bldg., San Francisco.
Architect ...None.
Contractor..C. E. Burks, 4152 Randolph Ave., Oakland.
COST, $1950

DWELLING
(165) E SACRAMENTO 75 S Addison, Berkeley. One-story 5-room dwlg.
Owner.....Realty Union Invst. Co., Mills Bldg., San Francisco.
Architect ...None.
Contractor..C. E. Burks, 4152 Randolph Ave., Oakland.
COST, $1950

DWELLING
(166) E SACRAMENTO 37½ S Addison, Berkeley. One-story 5-room dwlg.
Owner.....Realty Union Invst. Co., Mills Bldg., San Francisco.
Architect ...None.
Contractor..C. E. Burks, 4152 Randolph Ave., Oakland.
COST, $1950

DWELLING
(167) NE SACRAMENTO & ADDISON, Berkeley. One-story 5-room dwlg.
Owner.....Realty Union Invst. Co., Mills Bldg., San Francisco.
Architect ...None.
Contractor..C. E. Burks, 1152 Randolph Ave., Oakland
COST, $1950

DWELLING
(168) N BANCROFT 120 W Browning, Berkeley. One-story 4-room dwelling
Owner.....C. H. Allison, 34 Brookside, Berkeley.
Architect ...None.
Day's work. COST, $1000

BRICK GARAGE
(169) N DURANT AVE 100 W Telegraph Ave., Berkeley. One-story brick garage.
Owner.....E. H. Lohmann, Union Savings Bank Bldg., Okd.
Architect ...None.
Contractor..Sommarstrom Bros., 2417 Telegraph Ave., Oakland.
COST, $7500

(176) NO. 1046 MARIPOSA, Berkeley. Garage.
Owner.....R. L. Ruby, Premises.
Architect ...None.
Contractor..J. A. Pinkerton, 1931 Berryman, Berkeley.
COST, $300

(177) E TAMALPAIS bet. Shasta and Talac, Berkeley. Two-story 7-room dwelling.
Owner.....Junk Riddell Invst. Co., 2247 Telegraph Ave., Bkly.
Architect ...None.
Contractor..Riddell Bldg. Service Co., 2247 Telegraph Ave., Bkly.
COST, $5000

GREEN HOUSE
(178) NO. 215 ALVARADO ROAD, Berkeley. Green house.
Owner.....G. H. Atkins, Premises.
Architect ...None.
Contractor..S. Ishimaru, 3710 Broadway, Oakland.
COST, $400

FRAME DWELLING
(193) LOT 4 BLK 2 Claremont Berkeley. All work except shades, finished hardware and electric fixtures for one-story, attic and basement frame dwelling and two-story garage
Owner.....Blanche C. Whiteside, 372 16th Ave., San Francisco.
Architect ...August C. Headman, New Call Bldg., San Francisco.
Contractor..Jones & McGovern, 2218 Los Angeles, Berkeley.
Filed Jan. 24, '17. Dated Jan. 15, '17.
Foundations in $750.00
Roof boarded 1000.00
Interior finish completed.... 1500.00
Completed and accepted..... 1889.70
Usual 35 days..... 1716.00
TOTAL COST, $6855.70
Bond, $3430. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, $20. Plans and specifications filed.

DWELLING
(197) S UNIVERSITY AVE 240 E San Pablo Ave, Berkeley. One-story 4-room dwelling and store.
Owner.....Carl Ericsson, 1200 Masonic Ave., Berkeley.
Architect ...None.
Day's work. COST, $2000

DWELLING
(198) S BURNETTE 82 1-12 W Mabel Berkeley One-story 5-room dwelling
Owner.....E. Strauch, 1173 16th, Okd.
Architect ...None.
Contractor..E. A. Chick, 3624 60th Ave Oakland.
COST, $2000

DWELLING
(206) E EDWARDS 140 S Bancroft, Berkeley. One-story 3-room dwlg.
Owner.....B. E. Sweet, 3777 Broadway, Oakland.
Architect ...None.
Contractor..W. A. Haynes, 5712 Oak Grove, Oakland.
COST, $500

STORES AND OFFICES
(212) W SHATTUCK AVE 112 S University Ave., Berkeley. Carpenter work for two-story concrete store and office building.
Owner.....W. H. Heywood, 101 Walnut, Berkeley.
Architect ...James W. Plachek, Acheson Bldg., Berkeley.
Contractor..C. Texdahl, 3035 Harper, Berkeley.
Filed Jan. 27, '17. Dated Jan. —, '17.
Frame up $412
Completed and accepted..... 824
Usual 35 days..... 412
TOTAL COST, $1648.50
Bond, limit, forfeit, none. Plans and specifications, none.

(213) CONCRETE AND REINFORCEment on above.
Contractor..H. E. Franks, 2709 McGee, Berkeley.
Filed Jan. 27, '17. Dated Jan. 24, '17.
Concrete poured to 1st floor....$ 500
Concrete poured to 2nd floor.... 1000
Concrete poured to highest point 1000
Usual 35 days..... 1035
TOTAL COST, $3535
Bond, limit, forfeit, none. Plans and specifications, none.

214) TERRA COTTA WORK ON above.
Contractor..Livermore Fire Brick Co., Livermore.
Filed Jan. 27, '17. Dated Jan. 25, '17.
Terra cotta on job and accepted.$331
Placed 329
Usual 35 days..... 329
TOTAL COST, $989
Bond, limit, forfeit, none. Plans and specifications, none.

Building Contracts Awarded.

Alameda

187	Pond	Stewart	2000
188	Same	Same	2000
189	Galmarino	Skaggs	500
190	Tuttle	Noble	2000
191	Bayne	Mullen	1400
192	Neptune Gardens	Spence	700

DWELLING
(187) NO. 3221 STERLING AVE., Alameda. One-story 5-room dwelling.
Owner..... K. Pond, 1518 Encinal Ave., Alameda.
Architect ...None.
Contractor..G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(188) NO 3206 STERLING AVE., Alameda. One-story 5-room dwelling.
Owner..... K. Pond, 1518 Encinal Ave., Alameda.
Architect ...None.
Contractor..G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

ALTERATIONS
(190) NO. 1025 FAIR OAKS, Alameda Alterations.
Owner.....Jas. Galmarino, 544 46th, Oakland.
Architect ...None.
Contractor..J. S. Skaggs, 557 45th, Okd
COST $500

DWELLING
(190) NO. 604 PACIFIC AVE., Alameda. One-story 5-room dwelling.
Owner.....L. P. Tuttle, 1311 Santa Clara Ave., Alameda.
Architect ...None.
Contractor..G. H. Noble, 2220 Central Ave., Alameda.
COST, $2000

DWELLING
(191) E GRAND near Pacific, Alameda One-story 5-room dwelling.
Owner.....Duncan M. Bayne, Lincoln and Grand, Alameda.
Architect ...None.
Contractor..C. H. Mullen, 1530 Grand, Alameda.
COST, $1400

TOILETS
(192) NEPTUNE GARDENS, Alameda. Toilets.
Owner.....Neptune Gardens.
Architect ...None.
Contractor..A. T. Spence, 641 Taylor Ave., Alameda.
COST, $2900

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Jan 19, 1917—LOCATION NOT GIVEN A M McNear, Inc as to improvements on leased property.....
Jan. 18, 1917—SOUTHERN PACIFIC Coast Railway Co, bounded on W by Company's main line; N by Thornton Ave; E by Sycamore St.; S by Carter St., Newark. Southern Pacific Co as to improvements on leased property .....
Jan. 12, 1917—S NINTH 100 E Franklin E 37-6xS 100, Okd. Julia M Donohue as to improvements on leased property .....
Jan. 20, 1917—E BROADWAY 50 N Seventh N 50xE 75, Okd. Joseph Bisagno as to improvements on leased property .....

ARCHITECT'S CERTIFICATE. ALAMEDA COUNTY.

Harold Harte Keys has filed his certificate to practice architecture in Alameda County.

OAKLAND AND ALAMEDA COUNTY.

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Jan 19, 1917—E FRANKLIN, bet 3rd and 4th, Okd. The Fruit Produce Realty Co, Inc to J P and C Christensen Jan 13 1917
Jan. 20, 1917—E TELEGRAPH AVE bet 48th and 49th Sts.; No. 4810 Telegraph Ave, Okd Thomas Mor-

vihill to M E Valente Jr. 11, 1916
Jan. 20, 1917—NW SECOND AND Harrison 75x100, Oakland. Dante Market Co, Inc to City Cornice Co ..... Jan. 16, 1917
Jan. 23, 1917—LOT 1, Blk "A" Berry Barge Tract Bake Neche M Walker to Geo [illegible] A Anderson ..... Jan. 13, 1917
Jan. 23, 1917—LOT 19 Map 3 and Tract Oakland A M Taylor to Western Constr Co ..... Jan. 9, 1917
Jan. 24, 1917—S TWENTY-NINTH being ptn Lot 47 Map Property Oakland Homestead Ass'n, Okd. Justus Norris to whom it may concern (two acceptances)..Jan. 20, '17
Jan. 24, 1917—S TWENTY-NINTH being ptn Lot 47 Map Ppty Oakland Homestead Ass'n, Okd. Justus Norris to whom it may concern..... .....Jan. 13, 1917
Jan. 24, 1917—E 20 LOT 115 and W 15 Lot 11 Sheet No. 2 Terminal Junction Tract, Albany. Realty Syndicate Co to L W Anderson, Charles P Eggleston and F N Strang..... .....Jan. 20, 1917
Jan. 24, 1917—N 25 LOT 183 and S 15 Lot 197 Sheet No. 2, Terminal Junction Tract, Albany. Realty Syndicate Co to Fred Mennicke and F N Strang.....Jan. 20, 1917
Jan. 24, 1917—LOT 111, Sheet No. 1, Terminal Junction Tract, Albany.. Realty Syndicate Co to L W Anderson, Charles P Eggleston and F N Strang.....Jan. 20, 1917
Jan. 24, 1917—LOT 122 and S 5 Lot 124 Sheet No. 2, Terminal Junction Tract, Albany. Realty Syndicate Co to A R Morris and F N Strang.. .....Jan. 20, 1917
Jan. 24, 1917—E 10 LOT 117, all Lot 118, Sheet No. 2, Terminal Junction Tract, Albany. Realty Syndicate Co to A R Morris and F N Strang.. .....Jan. 20, 1917
Jan 24, 1917—NE HAMPEL 158 NW 13th Ave or Park Blvd NW 37x120, Okd. Ida Fabing to Fred N Fabing .....Jan. 24, 1917
Jan. 24, 1917—Lot 8 BIK "C" East Piedmont Heights, Okd. Andrew Westrand Jr and Jennie E Westrand to D N Stanage ..Jan. 16, 1917
Jan. 24, 1917—LOT 14 BLK "A" Blake Tract No. 1, Bkly. Lizzie Gove to C H Warren.....Jan. 22, 1917
Jan. 25, 1917—NO. 3428 SHEFFIELD being Lot 7 Map Sheffield Heights, Okd. F J Speckmeyer to whom it may concern.....Jan. 14, 1917
Jan. 25, 1917—S LOT 15 BLK 24 Amended Map Fairmount Park, Albany. E N Bertheaud to whom it may concern.....Jan. 24, 1917
Jan. 25, 1917—LOT 12 BLK "U" Map Revised Map Oakland Heights, Oakland. Leo J Dolan to whom it may concern.....Jan. 24, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Jan. 19, 1917—N E-ELEVENTH 75 E 27th Ave E 25xN 100, Okd. Chas S Shaner vs Salvatore Spingolapi and Peter Basivino.....$48.30
Jan. 20, 1917—NW NINETEENTH Ave 35 SW E-19th SW 35xNW 130, Okd. J L Dailey (Oakland Artificial Stone & Mantel Mfgrs.) vs Willian B White.....$30
Jan. 20, 1917—NW CORNELL AVE and Hopkins N 92.52 W 25 S 101.54 E 25.55, Bkly. Hall & Coggins vs Nigel Keep $55.20
Jan. 22, 1917—S PACIFIC AVE 125 W 5th W 37½xS 150, Alameda. Eureka Mill & Lumber Co, Inc, vs Frank Saccomago and B Caru..$30.93
Jan. 24, 1917—NO. 330 SANTA CLARA Ave, Okd.. A T Spence vs Della Steele, John Doe, Richard Roe and Jane Doe $278
Jan. 24, 1917—NW PTN LOT 8, Frank Silva Tract, being Hillside Ave nr 96th Ave 55x258, Okd. R H Chamberlain vs George W Ferguson...$15
Jan. 25, 1917—S FORTY-SECOND 327 W Market W 74xS 89, Okd. Bay City Roofing Co vs May E Richardson.$80
Jan. 25, 1917—N GARFIELD AVE 150 E High E 52xN 115, Ala. N Lena vs L Saroni and H E Lee.....$55
Jan. 26, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 56.916 E 59.07 S 53 W 79.83, Okd. John P Maxwell (Maxwell Hardware Co) vs E A Schmidt $213.13
Jan 26, 1917—E COLLEGE AVE 164.31 N Lawton Ave E 59.07 S 53 W 40 S 50 W 59.415 N 110.6125, Oakland. Swift & Wilcox vs E A Schmidt... ..... $579.75
Jan. 26, 1917—S WORKS 90 E Webster E 32xS 80, Ala. Bay Wrecking Co vs Walter Dray and American Dredging Co.....$64.90
Jan. 26, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. The Oakland Paving Co vs E A Schmidt $212.75
Jan. 27, 1917—PTN SE COR LOT 10 and E Extension Lot 10 Map Webster Tract, Bkly. Hogan Lumber Co vs F W and Georgia T Thaxter $266.35
Jan. 27, 1917—W ½ LOT 10 Map Webster Tract, Bkly. Hogan Lumber Co vs F W and Georgia T Thaxter $72.75
Jan. 27, 1917—W 75 LOT 10 Webster Tract, Bkly. C E Forbes, $62; Geo M Mott and Robt R Smith, $18.10 vs F W and Georgia T Thaxter.....
Jan. 27, 1917—E 50 LOT 10 Webster Tract, Bkly. C E Forbes, $65; Guy Hyde Chick and Geo M Mott Jr, $131.40 vs F W and Georgia T Thaxter .....
Jan. 27, 1917—W 75 LOT 10 Webster Tract, Bkly. Guy Hyde Chick and Geo M Mott Jr vs F W and Georgia T Thaxter $120.05
Jan. 27, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ave E 39.83 S 50 W 59.465 N 53.69; (2) E College Ave 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. W P Fuller & Co, $611.68; Pacific Mfg Co, $500; E A Howard & Co, $197.10 vs E A Schmidt.....
Jan. 27, 1917—(1) COLLEGE AVE 107.395 N Lawton Ave E 39.83 S 50 W 59.462 N 53.69; (2) E College Ave 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. E Dinneen vs E A Schmidt.....$375.05
Jan. 27, 1917—S FORTY-SECOND 327 W Market W 74 S 89 E 74 N 89, Okd Downey Glass & Paint Co vs May E Richardson and O Tuft.....$35.96
Jan. 27, 1917—S FORTY-SECOND 319 E Linden E 37 S 89 W 37 N 90, Okd. A H Bar (Bar Mercantile Co) vs May E Richardson, Jane Doe and Richard Roe.....$55.95
Jan. 27, 1917—S FORTY-SECOND 282 E Linden E 37 S 89 W 37 N 90, Okd. A H Bar (Bar Mercantile Co) vs May E Richardson, Jane Doe and Richard Roe $42.10
Jan. 27, 1917—S FORTY-SECOND 327 E Market E 74xS 89, Okd. Herbert Johnson vs May E Richardson, William R Geary and Alfred Cords..$120
Jan. 27, 1917—S FORTY-SECOND 327 W Market W 74xS 89, Okd. Kimball Elec Co vs May E Richardson and A Cords.....$69.60
Jan. 27, 1917—E COLLEGE AVE 53.70 N Lawton Ave E 59.46 N 50 E 40 N 53 W 59.07 S 110.61, Okd. Atkinson Mill & Mfg Co vs E A Schmidt.$141.61
Jan. 27, 1917—E COLLEGE AVE 53.70 N Lawton Ave E 107.395 N 56.915 E 59.07 W 79.83, Okd. Marshall & Stearns Co vs E A Schmidt.....$597
Jan. 27, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. Sunset Lumber Co vs E A Schmidt.....$45.16
Jan. 27, 1917—S FORTY-SECOND 327 W Market W 74xS 89, Okd. J C Bullock & Sons, $160; W J Rigney (Oakland Mantel Co) $66; Uhl Bros, $21.88 vs May E Richardson.....
Jan. 27, 1917—S FORTY-SECOND 282 E Linden E 74 S 89.4 W 74 NE 89.60 Okd. Paul Mortensen and T D Osborn, $139.80; Pacific Mfg Co, $201.85 vs May E Richardson.....
Jan. 26, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. Spott Bros vs E A Schmidt.....$266

SAN JOSE AND THE SANTA CLARA VALLEY.

STREET IMPROVEMENTS—Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be opened on February 5th at 10 a. m. for the improvement of the following streets and avenues: San Juan, San Antonio, San Felipe, San Anselmo, Santa Helena, Santa Maria, San Diego, Santa Clara, Santa Inez, San Benito, Santa Lucia, Santa Domingo, San Marcos and San Luis avenues by grading the sidewalk area; construction of artificial stone sidewalks 5 feet in width in the center of the sidewalk area; the construction of concrete curbs and gutters.

BRIDGES — Timber and concrete. Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. Bids will be opened on February 6th for the construction of four bridges in Pajaro Road District.

CANNERY—3 story, frame. Cost not stated. Pigeon Point, San Mateo Co., Cal. Architect, none. Owners, Pratt-Low Canning Co., Santa Clara. Will cover an area of 120 by 200 feet. Plans complete and work to be done by Day Labor.

WATER SYSTEM EXTENSIONS—$19,000. Sunnyvale, Santa Clara Co., Cal. Engineer, Town Engineer, Sunnyvale. Owners, Town of SunnyVale. Ida Trubschenck, Town Clerk of Sunnyvale, stated that plans are now in the office of Town Engineer F. P. McCray for the construction of a well in connection with the proposed municipal water system for which bonds of $19,000 have been voted and which will include some fire apparatus. Bids for the well construction will be called shortly. On awarding a contract for this work, plans will be started by McCray for the balance of the system.

which will include pump, booster pump and pipe extensions.

Contract Awarded.

CHURCH, 1 story, frame, $7,000. Burlingame, San Mateo Co., Cal. Architect, none. Owners, First Church of Christ, Scientist. Contractor, W. H. Eaton, 224 Park Road, Burlingame. Contract price, $7,000.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

FRAME DWELLING

GRANT AND FREMONT AVES., near Los Altos. All work for one-story frame dwelling and garage.

Owner.....Edwin H. Furman.

Architect ...Highbie & Hill, Porter Bldg, San Jose.

Contractor..P. J. Schmidt, 160 Auzerais Ave., San Jose.

Filed Jan. 22, '17. Dated Jan. 17, '17.

Frame up	¼
Brown coat plaster on	¼
Accepted	¼
Usual 35 days	¼

TOTAL COST, $6749

Bond, $3374. Sureties, E. D. Minton and J. C. F. Stagg. Limit, 100 days from filing. Forfeit none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
Jan. 9, 1917—E SAN FERNANDO, bet 1st and 2nd Sts., San Jose. Auzerais Estate Co to J. C. Thorp.	Jan. 8, 1917
Jan. 11, 1917—STANFORD CAMPUS, Palo Alto. Stanford University to McGilvray Stone Co.	Jan. 8, 1917
Jan. 11, 1917—LOT 33 BLK 4, Hester Park Tract, San Jose. H P Kessler to Lawrence Lewis.	Jan. 11, 1917
Jan. 12, 1917—LOT 10 BLK 6, F. A Taylor Sbdvn Blk 6 Naglee Add'n, San Jose. Edith M Griffin to whom it may concern.	Jan. 10, 1917
Jan. 15, 1917—KELLOGG AVE AND Bryant St., Palo Alto. S W Smith to Palo Alto Paint Co.	Jan. 15; F W Fox, Jan. 15; Cashel Bros, Jan 15; Stanford Elec Works.	Jan. 15, 1917

BUILDING CONTRACTS

SAN MATEO COUNTY.

LOT 7 BLK 39 Easton Addition No. 3 to Burlingame, Burlingame. All work for one and one-half-story frame bungalow.

Owner.....F. J. Rodgers, San Mateo.

Architect ...None.

Contractor..Croop & Keegan, 207 Villa Terrace, San Mateo.

Filed Jan. 19, '17. Dated Jan. 17, '17.

When framed	$818.75
1st coat plaster on	818.75
Completed and accepted	818.75
Usual 35 days	818.75

TOTAL COST, $3275

Bond, $1637.50. Sureties, Elizabeth Brown and W. T. Coop. Limit, 75 days. Forfeit, none. Plans and specifications filed

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED	ACCEPTED
Jan. 22, 1917—LOT 15 BLK 7, Crocker Estate Tract, Daly City. William M Regan and California C&D to whom it may concern.	Jan. 15, 1917
Jan. 25, 1917—LOT 2, BLK 6, Crocker Estate Tract, Daly City. Andrew Vireno to whom it may concern.	Jan. 20, 1917
Jan. 13, 1917—OAK KNOLL MANOR, Redwood City. George H. Lyons Co to Peterson & Grier.	Dec. 15, 1916
Jan. 15, 1917—SW STAMBAUGH & Pine, Redwood City. Eugene W. Callnon to Thos A. Cuthbertson.	Jan. 15, 1917
Jan. 15, 1917—PTN LOTS 6 AND 7 Blk 101, South San Francisco. W. R. Waelty to Ed Jorgensen.	Jan. 6, '17

LIENS FILED

SAN MATEO COUNTY.

RECORDED	AMOUNT
Jan. 20, 1917—LOT 1 Sweeney Ranch, Redwood City. J. H. Bailey vs Christofferson Aircraft Mfg. Co.	$198.50

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

STREET IMPROVEMENT—Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners, City of Richmond. Plans for the improvement of the following streets have been completed by City Engineer Chapman: Sixth street, across the Oakland branch of the Santa Fe; Garrard Boulevard; Standard avenue; alley north of Barrett avenue, between Fifth and Sixth streets, and Burbeck avenue from 20th to 23rd street. Bids for this work will be ordered shortly.

HOTEL ALTERATION — 2 story, frame, $5,000. Benecia, Solano Co., Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Dr. Herbert C. White. Location, 19 West F street. Work will consist of interior partitions, painting, plumbing and electric work. Plans are being prepared.

BUILDING CONTRACTS

MARIN COUNTY.

FRAME DWELLING

TOWN OF SAN ANSELMO. Carpenter work, plumbing, etc., for one-story five-room frame dwelling.

Owner..... Florence F. Sitz, San Anselmo.

Architect ...None.

Contractor..J. E. Warner, San Rafael.

Filed Jan. 20, '17. Dated Jan. 19, '17.

Frame up	$550
Building plastered	550
When completed	550
Usual 35 days	550

TOTAL COST, $2250

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed

TUNNEL

SAN RAFAEL. All work for concrete lined tunnel of 8700 feet.

Owner.....Marin Municipal Water District.

Engineer ...A. R. Baker, San Rafael.

Contractor..McLaren & Peterson, Sharon Bldg., San Francisco.

COST, $257,400

COMPLETION NOTICES

MARIN COUNTY

RECORDED	ACCEPTED
[illegible]	[illegible]
Jan. 15, 1917—Lots [illegible] Tomasini to C. G. S. [illegible]	Jan. 17, 1917
Jan. 9, 1917—POINT REYES [illegible] Point Reyes Township of According to Pueblo Survey	Jan. 15, 1917
Dec. 12, 1916—SAN RAFAEL, Block B Lowell to J. E. Wetter	Jan. 18, 1917

COMPLETION NOTICES

CONTRA COSTA COUNTY.

RECORDED	ACCEPTED
Jan. 16, 1917—LOTS 24 AND 25, BLK 48, City of Richmond Tract. Miss Eunice Whiting to Norman Anderson.	Jan. 11, 1917
Jan. 16, 1917—TRACT OF LAND containing 20.28 acres deeded to Golden Gate Brick Co. Great Western Power Co to Bateman, Clark & Locker.	Jan. 2, 1917

COMPLETION NOTICES

SONOMA COUNTY.

RECORDED	ACCEPTED
Jan. 16, 1917—GEYSERVILLE. Bank of Geyserville to A. W. Hildebrandt	Jan. 15, 1917

RELEASE OF LIENS

SONOMA COUNTY.

RECORDED	AMOUNT
Jan. 16, 1917—AGUA CALIENTE Springs. F. Clewe to Theo. Richards and wife	$714.45

LIENS FILED

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Jan. 2, 1917. LOT 87 BLK [illegible] Bay View Park Tract, Richmond. E. E. Thayer vs C. H. Davis	$50.20

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

HIGHWAY CONSTRUCTION — Cost not stated. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. The County Supervisors at their last meeting directed the County Clerk to advertise for bids for the construction of the unit of improved highway from Lemoore to Browndale, a distance of eight miles north of Lemoore almost to the county line. The bids will be opened on February 5th at 11.30 o'clock. Plans may be had from the County Clerk.

HIGHWAY CONSTRUCTION — Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be opened on February [illegible] a. m. for the construction of a grade [illegible] bridge, said point being [illegible] Stations [illegible] Station 74 plus [illegible] Landing Road Survey.

CRIBBING AND SCOURING — [illegible] Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County [illegible]

on February 14th at 8 p. m. for the construction of nine reinforced concrete bridges. Three bridges on Hughson-Turlock road four bridges on the Crows Landing road a bridge over lateral No 1 on the Beckwith road a bridge over lateral No 4 on the Maze road, a bridge over lateral No 3 on the Carmichael road a bridge over lateral No 1 on the Waterford road, and a bridge over Dry Creek near Empire-town. Also for the construction of 17 reinforced siphons. Four siphons on the Hughson road two siphons on the Hughson-Turlock road three siphons on the Beckwith road three siphons on the Crows Landing road, and two siphons on the Keyes road.

HIGHWAY CONSTRUCTION — Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Bids will be opened on February 14th for the construction of approximately 3.51 miles of concrete road on the Keyes road, beginning at the State highway in the town of Keyes and running east to the intersection with Hughson-Turlock road, also beginning at a point known as Engineer's Station 330 plus 00 about one mile east of the town of Hughson and running in a southerly direction a distance of approximately 6.58 miles to the northerly corporate limits of the city of Turlock; thus making a total distance of approximately 10.09 miles. Also for the construction of approximately 6..25 miles of concrete road beginning at the State highway near the Ceres cemetery and running thence east to a point about one mile east of the town of Hughson. Also for the construction of approximately 4. 4 miles of concrete road beginning at a point on the west line of the Southern Pacific Railway right of way where the section line between sections 11 and 14, T. 3 S., R. 8 E., intersects said railroad right of way, thence west along what is commonly known as the Beckwith road, also on what is known as the Carmichael road beginning at the State highway and running thence west a distance of 2.7 miles and north a distance of 1 mile to the Wood Colony school house, thus making a total distance of 8.1 miles.

APARTMENT HOUSE ALTERATIONS—2 story, brick. Cost not stated. Fresno, Fresno Co., Cal. Designer, C. B. Hanner, 1245 I street, Fresno. Owners, Newton and McArthur. Work will consist of altering the present store and hotel building into modern apartments of five rooms each. Plans complete and work to be done under the direction of the designer.

BRIDGES—8 reinforced concrete and steel. Cost not stated. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. Bids will be received by the Board of Supervisors up to February 6th for the construction of a bridge 120 feet long and consisting of a 60-foot span and 60 feet of trestle; a 60-foot span bridge, one 40-foot trestle bridge, and two 20-foot culverts on country road No. 464, which extends south from the Farmington road. Certified check or bond for 10 per cent required.

EXPERIMENTAL STATION — 3, 1 story, frame. Cost not stated. Taft, Kern Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Location, near Taft. There will be an office building, testing room and garage. These buildings are for the use of the California State Mining Bureau. Plans complete and figures to be opened on February 23rd.

PACKING PLANT—1 story, frame and concrete, $15,000. Reedley, Fresno Co., Cal. Architects, Glass & Butner, Republican Bldg., Fresno. Owners, California Peach Growers. Will cover a considerable ground area. Plans are being prepared.

SUBSTATION 1 story and base. Class A construction, $21,800. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, San Joaquin Light and Power Co. Location, Cornelia and Jensen avenues. Plans complete and work to be done by Day Labor.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING, ETC.
LOT 9 BLK 15, Hazelwood Addition, Fresno. Dwelling and garage.
Owner.....Montgomery Thomas, Griffith-McKenzie Bldg, Fresno
Architect ...None.
Contractor..Reese & Atkins, 743 Waldon St., Fresno.
COST, $4000

FRAME DWELLING
LOTS 4 AND 5 BLK 2, Stratford Place, Fresno. All work for frame dwelling.
Owner.....H. D. Bell, 1421 Van Ness Ave., Fresno.
Architect ...None.
Contractor..Gede & Gede, 451 Poplar Ave., Fresno.
Filed Jan. 20, '17. Dated Jan. 18, '17.
Rafters on $804
Plastered 804
Completed 804
Usual 35 days..... 805
TOTAL COST, $3217
Bond, $1608. Sureties, Chas. Bergstrom and D. Rosenberg. Limit, 70 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
NO. 2020 FRESNO ST., Fresno. Alter creamery.
Owner.....Jersey Farm Dairy Lessee, Premises.
Architect ...None.
Day's work. COST, $1000

DWELLING
LOT 18 BLK 8, Fresno Heights. All work for dwelling.
Owner ....C. L. Saylor, 1035 Green St., Fresno.
Architect ...None.
Day's work. COST, $1700

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
Jan. 19, 1917—LOTS 16 AND 17 BLK 2, Maywood, Fresno. John A Steele to whom it may concern. Jan. 15, 1917
Jan. 19, 1917—LOTS 12 AND 13 BLK 1, West Olive Tract, Fresno. H R Harrison to whom it may concern .....Jan. 16, 1917
Jan. 23, 1917—LOTS 21 AND 22 BLK 3, Allen & Benford Tract, Fresno. Henry Gede Jr to whom it may concern .....Jan. 23, 1917

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

BRIDGE—Reinforced concrete. Cost as follows. Sacramento, Cal. Engineer, County Surveyor Butler, Sacramento. Owners, Sacramento County. Specifications wil be prepared for a new concrete bridge to span the American River at Folsom. It will take the place of the present steel bridge erected twenty years ago. The cost of the new structure is estimated at $35,000. The steel in the old bridge can be sold for $5,000, it is claimed.

HIGHWAY CONSTRUCTION — Cost not stated. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Supervisor John Russi of Folsom, Sacramento County, has given instruction to County Surveyor Butler to prepare plans and specifications for the construction of a concrete roadway 1½ miles long, from the Auburn Boulevard to the Country Club. Bids will be advertised for so that the work can commence by April 1st.

RESIDENCE — 1 story and base, frame, $2,100. Sacramento, Cal. Architect, none. Owner, H. G. Birdsall, 1822 M street, Sacramento. Location, lot 1266 W and K Tract. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SIREN FIRE ALARM SYSTEM—Cost not stated. Placerville, El Dorado Co., Cal. Engineer's name not given. Owners, Town of Placerville. The installation of a siren fire alarm system in this city will be installed before May 1st. Funds are now being provided for by the City Trustees and bids for the installation of the proposed system will be called shortly. The matter is now in the hands of Fire Chief George Wickes.

LODGE HALL—4 story and base. Class A construction, $300,000. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners. Sacramento Masonic Temple Association. Location, 12th and J streets. Working drawings are now being prepared and construction will be underway by April 1st. Segregated figures will be taken for steel frame, concrete piling and general construction.

SCHOOL—1 story and base, reinforced concrete, $30,000. Washington, Yolo Co., Cal. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Washington School District. Will contain eight class rooms and an auditorium. Working drawings being prepared.

SCHOOLS—2, 1 story and base, hollow tile, $30,000. Placerville. El Dorado Co., Cal. Architects, N. H. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, City of Placerville. One building will contain eight class rooms and the other two. Plans are complete and figures being taken.

RESTORY—2 story and base, frame, $3,000. Chico, Butte Co., Cal. Architect, Chester Cole, Chico. Owners, Bethany Presbyterian Church. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

Contract Awarded.

HIGHWAY CONSTRUCTION—Cost as follows. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County At the last meeting of the County Supervisors, contracts for road work

were awarded as follows: Improving Harney Lane, awarded to S. W. Clery at $1,921.60. The only other bidder was F. F. Irey at $5,513.50. Improving Palm avenue, awarded to F. F. Irey of Lodi at $2,503. Cleary submitted a bid of $2,515.40 for the work. Improving Brack road, awarded to S. W. Clery at $6,660.94. Other bidders were F. F. Irey, $7,913.70; Moreing & Sons, $6,763.60.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

REMOVAL
LOTS 5, 6 AND 7 Braman's Addition, Sacramento. Move gas holder located at San Mateo County.
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect...None.
Contractor..Western Pipe & Steel Co. of California, 444 Market, San Francisco.
COST, $10,750

DWELLING
LOT 1266 W & K TCT 27, Sacramento. One-story 5-room and bath dwlg.
Owner.....H. G. Birdsall, 1822 M St., Sacramento.
Architect...None.
Day's work. COST, $2100

ALTERATIONS
S 40 FEET LOT 1, N, O, 30th and 31st Sts., Sacramento. Raise building and remodel into flats.
Owner.....Mrs. Lena Wills, 1415 30th Sacramento.
Architect...None.
Contractor..Theilbahr & Bender.
COST, $1500

ALTERATIONS
W ½ LOT 3, F, G, 27th and 28th Sts., Sacramento. Reshingle roof and make general repairs to flat.
Owner.....C. F. Ferrara, 2716 F St., Sacramento.
Architect...None.
Contractor..L. C. Moore, 1414 19th St., Sacramento.
COST, $1250

ALTERATIONS
W ½ OF E ½ LOT 2, J, K, 6th and 7th Sts., Sacramento. Remodel store fronts and repair interior of store.
Owner.....Geo. W. Locke.
Architect...None.
Contractor..G. E. Harvie, 2212 T St., Sacramento.
COST, $800

MILL BUILDING
TRACT OF 10.55 ACRES IN SECTION 14 of Rancho Del Paso, Sacramento. Foundations and general work for mill building.
Owner.....Essex Lumber Co., Inc., Decota, Alameda Co., Cal.
Architect...E. C. Hemmings, Strand Theatre Bldg., Sacramento
Contractor..Ira C. Boss, 506 F. & M. Bank Bldg., Sacramento.
Filed Jan. 22, '17. Dated Jan. 16, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4886
Bond, $2443. Sureties, Gus Larnson and J. L. Nagle. Limit, forfeit, none. Plans and specifications filed.

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DWELLING
LOT 8 BLK 229, Fresno. Dwelling
Owner.....J. C. Bopp.
Architect...None.
Contractor..C. V. Smith, 1371 Del Mar St., Sacramento.
COST, $1100

ALTERATIONS
LOT 8, K, NINTH AND TENTH STS., Sacramento. Remodel entrance to store.
Owner.....Odd Fellows Temple Association, 9th & K Sts., Sacramento.
Architect...None.
Contractor..Geo. W. McKay, 1018 T St., Sacramento
COST, $800

ASSIGNMENT OF BUILDING CONTRACT.

SACRAMENTO COUNTY.

Jan. 22, 1917—LOT 4 BLK L, M, 27th and 28th Sts., Sacramento. Scottish Rite Cathedral, owner; C. J. Guth, contractor; Pacific Hardwood Floor Co., sub-contractor. Assigned to J E Higgins Lumber Co. Contract dated August 7, 1916, for $1800.

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Jan. 15, 1917—LOT 8 Block bounded by J, K, 13th and 14th Sts., Sacramento. John Ochsner (a corporation) to William Murcell. Jan. 15, 1917

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

FRAME FLATS
LOT 2 BLK 143 East of Center Street, Stockton. All work for two-story frame flats.
Owner.....Mrs. J. E. Bruck, 1[illegible] California St., Stockton.
Architect...Ralph P. Morrell, [illegible] F. Bldg., Stockton.
Contractor..Joseph A. Plecarpo, Stockton.
Filed Jan. 23, '17. Dated Jan. 18, '17.
Rough plumbing in & plastered..$1760
Building completed .
Usual 35 days.....
TOTAL COST, $3520
Bond, $1760. Sureties, J. A. Parker and Robert Hansen. Limit, 43 working days after Jan. 22. Forfeit, none. Plans and specifications filed.

[illegible] ALTERATIONS
[illegible] LOT 2 S CENTER ST Stockton Remodel [illegible] building
Owner [illegible] Mrs. W. L. Fuhrman
Architect...None.
Day's work COST, $40
FRAME BUILDING
THE OAKS Stockton Frame building
Owner [illegible] Mrs. C. R. Alves
Architect...None.
Day's work COST, $800

LOS ANGELES AND SOUTHERN

BANK AND STORES—2 story and base. Cost not stated. Victorville, San Bernardino Co., Cal. Architect, John P. Krempel and Walter E. Erkes, Henne Bldg., L. A. Owner, C. Leonardt, H. W. Hellman Bldg., L. A. Will cover an area of 50 by 142 feet and contain the banking rooms, one store and a number of apartments. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Hollywood, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, P. E. Magee. Location, Camino-Palmero. Will contain fifteen rooms, six baths and sleeping porches. Separate garage. Plans being prepared.

RESIDENCE—2 story and base, hollow tile. Cost not stated. Los Angeles, Cal. Architects, Jeffery & Schaefer, Van Nuys Bldg., L. A. Owner's name not given. Location, Verdugo Park. Will contain fourteen rooms, several boths, sleeping porches and separate garage. Plans being prepared.

PORTLAND AND OREGON.

SEWER CONSTRUCTION Cost as follows. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. Three bids were submitted to the City Council for the reconstruction and repair of the Tanner Creek sewer, showing J. F. Shea and Wm. Lind the lowest bidders on a combined and at $[illegible] This is the third time bids for this work have been opened and it is probable that a contract will be awarded to Lind and Shea.

APARTMENT HOUSE—[illegible] story and base, tile and frame, $30,000. Portland, Ore. Architect, none. Owner, Dr. I. M. Pettis, 1401 Killingsworth Avenue, Portland. Location, corner of Killingsworth avenues. Will contain six-[illegible]

HOSPITAL—[illegible] and base, brick [illegible] Cost, $[illegible] Architect [illegible] Owner [illegible] People's

Home. Will contain wards and private rooms. Preliminary plans being prepared.

HOSPITAL, 3 story and base, reinforced concrete, $50,000. Salem, Ore. Architect, Fred A. Legg, Salem. Owners, Salem Hospital Association. Will cover an area of 60 by 120 feet. Plans are being prepared.

SEATTLE AND WASHINGTON.

COURT HOUSE, 3 story and base, Class A construction, $107,000. Prosser, Benton Co., Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, Benton County. The Board of Benton County Commissioners have withdrawn the contract with the Ferry Concrete Co. for the construction of the proposed court house which was to be erected at Prosser. The Ferro Co. bid $107,000 for the work. The County Commissioners claimed the proceedings illegal and the contract was rescinded.

HOSPITAL, 4 story and base, reinforced concrete, $60,000. Colfax, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, St. Ignatius Hospital. Will cover an area of 60 by 120 feet. There will be number of private rooms and several wards, operating rooms and office. Plans are being prepared.

IRRIGATING CANAL.—Cost as follows. Otis Orchards, Wash. Engineers, Sawyer Bros., White Bldg., Seattle. Owners, Otis Orchards Irrigating Co. Bids have been called by H. H. Bell, Secretary of the Otis Orchards Irrigation District, Otis Orchards, Wash., to be opened February 2nd, for the improvement of the Main canal of the district, for which bonds in the sum of $125,000 were voted some time ago. Plans are on file in the office of the engineers. The work calls for about 28 miles of vitrified pipe and will cost between $60,000 and $80,000.

Contract Awarded.

APARTMENT HOUSE, 3 story and base, brick, $40,000. Bremerton, Wash. Achitect, A. L. Haley, People's Bank Bldg., Seattle. Owners, Kitsap Realty Co. Contactor, Hans Pederson, Alaska Bldg., Seattle. Contract price, $40,000.

APARTMENT HOUSE, 3 story and base, brick and steel, $40,000. Seattle, Wash. Architect, George W. Lawton, Alaska Bldg., Seattle. Owners, Goodwin Realty Co. Contractor, James Murdock, 1663 Melrose avenue, Seattle. Contract price, $40,000.

BIDS RECEIVED FOR HOSPITAL BUILDING.

Architect Alfred I. Coffey Awards Contract to Ward & Goodwin For Building at St. Francis Hospital.

Architect Alfred I. Coffey, Humboldt Bank Bldg., has authorized the "Builder" to publish an authentic list of the bids recently opened in his office for the construction of the six-story and basement Class "B" office building for the St. Francis Hospital Co. The building will be erected at the northwest corner of Hyde and Bush streets and will cover an area of 60 by 137½ feet. Ward & Goodwin, 110 Jessie street, submitted the lowest bid and have been awarded the contract for $93,900.

St. Francis Hospital Building.

Ward & Goodwin	$ 93,900
John E. Scully	101,672
O'Brien & Bos	94,817
William Larkin	104,500
Holm & Merchant	103,000
James L. McLaughlin (without plumbing, heating and electric work)	82,462
Higginson Co.	98,750
O. C. Holt (without plumbing painting, electric work and heating)	79,840

FIGURES RECEIVED FOR SHED ON PIER 29.

State Board of Harbor Commissioners Take all Bids Under Advisement Until Saturday.

Twelve bidders submitted figures to the State Board of Harbor Commissioners at their Thursday meeting for the construction of a steel and timber wharf shed on Pier No. 29. No contract was awarded and all figures were taken under advisement until Saturday.

Alternate bids were submitted on six propositions as follows: Prop. No. 1, roof of 3 ply asbestos covered steel; Prop. No. 2, 4 ply asbestos covered steel; Prop. No. 3, roof of galvanized "Pure Iron" containing 1½ oz. per sq. ft. of spelter; Prop.. No. 4, roof of galvanized copper bearing steel containing 1½ oz. per sq. ft. of spelter; Prop. No. 5, same as Prop. No. 3, except containing 2 oz. spelter; Prop. No. 6, same as Prop. No. 4, except containing 2 oz. spelter.

Caldwell & Son (1) $112,250; (2) $110,600; (3) $112,600; (4) $113,250; (5) $109,750; (6) $110,550.

John Monk (1) $127,669; (2) $126,109; (3) $125,335; (4) $123,685; (5) $125,935; (6) $124,285.

Palmer & Peterson (1) $112,770. (2) $ —. (3) $109,078. (4) $107,546; (5) $109,475; (6) $107,916.

L. G. Bergren & Son (1) $113,672; (2) $113,322; (3) $111,715; (4) $110,161; (5) $112,133; (6) $110,551.

C. L. Wold & Co. (1) $107,707; (2) $106,057; (3) $106,328; (4) $104,292; (5) $107,556; (6) $105,428.

P. F. Riley (1) $119,800 (2) $——; (3) $118,300; (4) $118,700; (5) $117,000; (6) $117,500.

Clinton Constr. Co. (1) $110,340; (2) $108,700; (3) $104,240; (4) $102,000; (5) $104,600; (6) $102,500.

Mason & Morrison (1) $113,353. (2) $. (3) $111,660 (4) $109,969; (5) $112,057; (6) $110,499.

Harvey A. Klyce (1) $120,960; (2) $ —. (3) $117,303 (4) $115,719. (5) $117,721. (6) $116,139.

Mahoney Bros. (1) $ —. (2) $ —; (3) $106,000; (4) $104,500; (5) $106,418. (6) $104,836.

Healy-Tibbitts Constr. Co.; (1) $112,000; (2) $112,440; (3) $112,000; (4) $112,550; (5) $109,548; (6) $110,270.

Gutleben Bros. (1) $108,683 (2) $107,033. (3) $98,153 (4) $96,953 (5) $98,653; (6) $97,453.

CITY BIDS OPENED.

Bids were opened by the San Francisco Board of Public Works at their regular Wednesday meeting for the construction of a bridge at Evans avenue and Selby street. Duncan-Harrelson Co., Chronicle Bldg., presented the lowest bid at $1,974. A complete list of the bids follow:

Evans Avenue Bridge at Selby.

Duncan-Harrelson Co.	$1974
F. H. Kress	2591
Bos & O'Brien	2339
L. Heckenroth	2389
G. N. Bergren	2672
Tibbits Pacific Co.	2289
Healy Tibbitts Constr. Co.	2090
C. L. Wold Co.	2970
John Grace	2700
Anderson & Ringrose	2470

STATE HIGHWAY BIDS.

(By Special Wire)

SACRAMENTO, Cal., Jan. 29th, 1917—A number of bids were received today by the State Highway Commission for the construction of a reinforced concrete highway bridge over the New River near Seeley, Imperial County.

The bridge will be 330 feet long. A complete list of the bids received follow:

Highway Bridge, Imperial County.

Mercereau Bridge & Constr. Co., Los Angeles	$13,131
W. M. Ledbetter, Los Angeles	14,350
Mesmer & Rice, Los Angeles	16,000
S. M. Kerns, Long Beach	26,300
Fred Hoffman and Jas. Beer, Long Beach	28,000
Holland Constr. Co., San Diego	17,290
J. P. Hunter, Los Angeles	21,000
Munoz & Munoz, Los Angeles	14,949
Boyd Bros., San Diego	20,500

Engineer's Estimate, $16,576.73

BUSINESS RAILROAD VOTE SOON TO BE ANNOUNCED.

WASHINGTON, D. C., Jan. 13.—Commercial organizations of the country are now balloting on a railroad referendum the result of which will be announced at the Fifth Annual Meeting of the Chamber of Commerce of the United States two weeks hence. Business men will go on record in the matter of disputes between railroads and their employees, particularly the prevention of strikes and lockouts. An entire session of the forthcoming gathering will be devoted to the railroad situation. C. F. Weed, president of the Boston Chamber of Commerce, is the chairman of the National Chamber Railroad Committee.

National defense, to which the Chamber is committed, and is seeking from Congress legislation to carry out the program endorsed in its referendum is to be discussed at the Annual Meeting. Among the speakers will be the Secretary of War, Major General Leonard A. Wood and Howard E. Coffin of the Naval Consulting Board. The report of the Chamber's Committee on National Defense will be submitted by its chairman, Bascom Little, formerly president of the Cleveland Chamber of Commerce.

Another entire session will be devoted to the critical subject of in-

dustrial relations and still another to conditions after the war, divided into four aspects: business conditions, financial conditions, transportation and education for foreign trade. The Secretary of Commerce will speak on Trade Preparations after the War; Wallace D. Simmons, president of the Simmons Hardware Company, on Education for Foreign Trade and other well known experts will discuss subjects in this important section.

Daylight saving, according to Elliot H. Goodwin, general secretary of the National Chamber, will also come in for a considerable share of discussion. Roberts Garland, president of the Pittsburgh Chamber of Commerce, is chairman of this committee.

The session will begin January 31 and end February 2. There will be a meeting of the National Council on January 30. The sessions will close with a banquet on Friday.

AGRICULTURAL TRACTORS IN RUSSIA.

[Russian-American Journal of Commerce, January.]

The tractors ordered by the Russian Department of Agriculture in the spring of 1916 have only recently arrived via Vladivostok. The order was a trial one and consisted only of 40 tractors. Notwithstanding the fact that the tractors arrived after considerable delay and can be utilized only in the coming spring, they have already been eagerly bought up by different landowners. The tractors are sold to the farmers on easy terms; the payments have to be made in three installments in the course of two years. The success of the trial has led the department to order 100 tractors, which are expected in April. They will consist of two types of tractors: Large ones of 60 horsepower and small ones of 8-10 horsepower. There is very little demand for tractors of medium power.

The American tractors demonstrated in the presence of a number of agricultural officials and crowds of peasantry at Samara, it is reported, have created a profound impression. There is but one defect in the tractors, and that is that the plowshares are set too close to each other and in this way they are easily packed with earth.

FOR MUNICIPAL PLANT.

Chico Man to Renew Suggestion That City Buy His Power Plant Site.

CHICO, Cal.—According to an announcement made by Dennis Murphy, owner of a power plant site on Deer Creek, he will appear before the next meeting of the Business Men's Association to renew his proposal for a municipal lighting system for Chico. Murphy wants to sell his water rights to the city.

He will be accompanied by an engineer, who will give the business men definite information concerning the cost of erecting the proposed plant. A rough estimate of the cost is $500,000 for the plant and $250,000 for transmission lines and a distributing system.

[illegible]

ENGINEERS WILL WAR ON CHICAGO MOSQUITO.

CHICAGO, Ill.—War on the [illegible] has been declared by the Illinois Society of Engineers. Plans are announced to organize a special corps of the society to push a campaign to drain all the swamp land and eradicate malaria and mosquitoes. It was pointed out that there are more cases of disease in the State a year with an average of 700 deaths annually; and an economic loss to the State of about $3,000,000 a year. The engineers placed the total cost of draining all this swamp land in the State at $15,000,000.

WAR HALTS WORK OF ARCHITECTS

BERKELEY, Cal. The University of California has been asked by the department of home affairs of the commonwealth of Australia to aid in bringing to the knowledge of American architects the fact that because of war conditions, the government installed November 14, 1916, has indefinitely postponed the reception of designs in the architectural competition for a federal parliament house. The ministry has arranged for the registration of competitors to be retained and intends to complete the adopted program as soon as the time is opportune.

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A Revolution In Dump Trucks.

Many of our most prominent contractors are interested in the claims made by M. S Bulkley Co., Autocar distributers that the light dump truck unit is rapidly replacing the heavier dump trucks wherever they have had experience with both for a sufficient length of time to enable them to make honest comparisons between the merits of the lighter and the heavier units, both as to upkeep and earning capacity.

M. S. Bulkley Co. claim that the Autocar dump truck, on account of its greater speed and general all around handiness of operation, its short wheel base, its sturdy construction, have proven them to be almost as efficient in tonnage delivery and infinitely less expensive in upkeep in the the long run.

The no-wear- out scheme of Autocar construction make them particularly adapted for dump truck operation, which on account of the character of this work entails greater abuse and wear and tear on the truck than in any other line of truck operation.

It is claimed that all wear in Autocar can be economically renewed for an unlimited time, that the Autocar can always be economically kept as good as new in all parts. Because the low cost of wearing services which are made interchangeable and immediately accessible enable any worn part to be replaced with the least amount of labor and part cost.

M. S. Bulkley Co. most earnestly assert that the Autocar principal of construction if thoroughly understood in detail will convince anyone that Autocars can never wear out or become too expensive in upkeep for continuous and uninterrupted operation. If they can do this it would seem as though it was the most practical solution of the dump truck problem.

Three of the latest Building Material firms who have purchased the Autocar Commercial Car are, the Sibley Grading & Teaming Co., San Francisco; Mr. Wisnom of the Excelsior Lumber Co., San Mateo, and the Atlas Mortar Co. of San Francisco. These firms subjected the Autocar to the most severe tests. Ask them about the Autocar.

SHALL CLOCKS BE SET AHEAD ONE HOUR?

WASHINGTON, D. C.—National attention will be centered on the subject of daylight saving at the Fifth Annual Meeting of the Chamber of Commerce of the United States to be held in Washington this month. Robert Garland, president of the Pittsburgh Chamber of Commerce, is chairman of a committe which has been studying the question thoroughly. It is expected there will be definite recommendations on the subject.

France, England, Italy, Germany and other countries have adopted the system. Cleveland and Detroit in 1914 set their clocks an hour forward. It is said officials and commermial organizations in these cities testify the change was made without the least difficulty and has met with universal favor.

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MERCED, Cal.—A highway system to connect Merced, Dos Palos, Atwater, Livingston, Stevinson and other towns, and to complete the state highway and the proposed Yosemite route, will be voted on in Merced County soon, according to the present plans of the Chamber of Commerce, which is preparing plans to present to the supervisors. The Dos Palos road will connect with the proposed West Side highway of Fresno County.

Figures furnished by the Portland Cement Association show that contract awarded for concrete pavements up to December 1, 1916, reached a total of 24,929,148 square yards. Of this total 16,533,129 square yards are roads; 7,501,739 square yards are streets, and 894,280 square yards are alleys. There remain to be collected and tabulated the contracts for December which will make the 1916 total go considerably beyond 25,000,000 square yards.

CHICO, Butte Co., Cal.—Chester Cole, Chico architect, has been awarded the designing of the new rectory of St. Peter's Episcopal Church at Red Bluff. The rectory will cost approximately $3,000.

SACRAMENTO, Cal.—Twenty thousand dollars soon will be available for the improvement of the Feather River, between Vernon and Marysville, providing the latter place raises $5,000 additional to add to the $15,000 appropriation of the State and Federal government.

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*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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"SCHOOL ON WHEELS."

"That the 'School on Wheels' operated by the Southern Pacific Company may mark a new era in education," is the interesting comment of "Life" on this latest railroad innovation. "Life" under the caption, "Our Monotonous Schools," says:

"Does the school on wheels now operated by the Southern Pacific Company mark a new era in education? Twenty-five children are taught daily in an abandoned passenger car. This is for the benefit of the children belonging to the section gang on the railroad. To our own mind, the rigid extent of our own public school buildings has long been a matter of doubtful value. We do not mean to state that public school buildings are not at present necessary. But when one considers the enormous expense of these plants, and in contrast with it the wonderful adaptability of the human mind, at least it is fair to raise the question whether we are not making a mistake by unduly encouraging our school buildings to take up such a large portion of the expense of education.

"Consider the course of a pupil in one of our public schools. For years he occupies the same building, of which the class rooms are all precisely alike. Even the pictures on the walls are likely to remain there without change. When he moves from the lower grades into the high school he is transferred, possibly, into another building, but which is essentially uniform with the one he has just left. At the most formative period of his life he is subjected to a deadly uniformity extending over years. Even the book covers all look alike. He must feel that all the text books are baked for him in the same oven. Each one of us knows by experience how our environment affects us, and how, when it becomes too monotonous, it reacts upon our entire organism. Outside of the cut-and-dried school building is the utmost variety as far as the eye and mind can reach nature and man vying with each other to produce the contrasts needed to stimulate the whole being. No wonder the imprisoned pupil whoops as he tears loose from this deadly monotony. Then consider also the effect upon the teachers. Watch them, talk to them, and see what they say about it. What a wonderfully interesting experiment it would be not to have any school at all, but just teachers and pupils. We have a feeling that something really big would come out of this experiment."

◆

HONOLULU ENJOYS GREATLY INCREASED BUILDING OPERATIONS.

Building operations in Honolulu during 1916 totaled nearly $900,000 more than in 1915. The total is greatly in excess of that of any previous year, according to the records of the building inspector of the city and county of Honolulu. Building permits issued in 1916 numbered 1,161, with an estimated cost of $2,357,075, while in 1915 permits issued 1,258, with an estimated cost of $1,468,307.

Difficulty has been experienced by builders throughout the islands in obtaining shipments of material from the mainland. Among the building operations so held up are those of the six-story steel and concrete wings of the Moana Hotel, Waikiki Beach, Honolulu, which will represent an expenditure of $250,000. These were to have been completed in February, 1917, but on account of non-delivery of material will not be finished until June or July.

For 1917 and 1918 the public school commissioners of the Territory of Hawaii have proposed large expenditures upon buildings and equipment, to the total amount of $753,250. The requirements are divided principally as follows: Island of Hawaii, $257,600; Maui, $113,500; Kauai, $74,350; Oahu, $307,750.

◆

AUSTRALIAN INDUSTRIES EMPLOY AMERICAN EXPERTS.

SYDNEY, Australia.— There is a market tendency toward increasing Australia's production of manufactured goods, especially in such lines as metals, textiles, glassware, rubber tires, chemicals, and drugs. To this end 40 expert glassworkers were recently brought from the United States to take important positions in the large glass factories at Sydney, Melbourne, and Adelaide; expert motor-tire builders have been engaged to remedy any defects that may exist in local manufactures; and skilled metallurgists are coming from America to give the benefit of their knowledge to Australian producers of lead, copper, and steel. Australian manufacturers also are sending employees to the United States to become familiar with American shop methods and to purchase machinery for the industries they represent.

◆

AMERICAN LIGHTING FOR OFFICE OF PRESIDENT OF CHINA.

[John R. Arnold, in charge, office of commercial attaché, Peking, Nov. 28.]

Announcement has been made that the agent in China for a special system of indirect lighting of American manufacture has arranged to supply an outfit for the private office of the President of China. A transaction of this character, while a small matter in itself, should have a considerable advertising value and do much to increase the [illegible] of this class.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction, $40,000. Architect W. C. Hind, 16 Kearny street. S. F. Owner, Dr. Clyde S. Payne. Location, west Polk 60 feet south Hayes, covering an area of 50 by 90 feet. Will contain 31 suites of two rooms each. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house alterations, 3 story, frame, $2,500. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owner, Dr. O. W. Jones. Location, 1758 Jackson street. Work will consist of altering the present three-story frame flat building into modern apartments. Work will include painting, plumbing, electric work and interior finish. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owner, Dr. Edith Hammond Williams, 41 5th avenue, S. F. Location, south California east Gough, covering an area of 32½ by 137½ feet. Will contain residential apartments of five and six rooms. Plans in the hands of the owner and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base. Class C construction, $14,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, J. Forest Wyman. Location, east Hyde north Eddy, covering an area of 25 by 72½ feet. Will contain eleven apartments of two and three rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $27,500. Architect, Frank S. Holland, Call-Post Bldg., S. F. Owner's name withheld. Location, Grove and Fillmore streets. Will contain stores on the first floor and a number of two and three room apartments above. Plans complete and figures being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $10,000. Architect, none. Owner, C. M. McGregor, 470 13th street, Oakland. Location not given. Will contain nine apartments of three and four rooms. Plans being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $15,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Ownre, F. T. Turner. Location, 9th avenue and East 18th street. Will contain fifteen suites of two, three and four rooms. Plans being prepared.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, $10,000. Architects, J. C. and M. L. Newsom, 1748 Broadway, Oakland. Owner, J. F. Whalen. Location, north 41st west Webster. Will contain sixteen suites of two rooms and bath each. Plans complete and work to be done by Day Labor.

MARYSVILLE, YUBA CO., CAL.—Apartment house and stores, 2 story and base, brick, $20,000. Architects, Milwain Bros., Albany Bldg., Oakland. Owners, Ewell, Moors and Aaron. Location, 4th and High streets. Will contain a large store on the first floor and five apartments on the second floor. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 3 story and base. Class C construction. Cost not stated. Architect, Edward Gray Taylor, Haas Bldg., L. A. Owner, Fred Siegel, Haas Bldg., L. A. Location, San Julian street, between 7th and 8th streets. Will contain 92 rooms arranged in two and three room suites. Plans being prepared.

SEATTLE, WASH.—Apartment house and stores, 6 story and base, brick and steel, $200,000. Architect, W. H. Milner, Haight Bldg., Seattle. Owner, J. C. Silverstone. Location, 7th avenue and Olive street, covering an area of 85 by 120 feet. Will contain a number of stores on the first floor and two, three and four room apartments above. Plans are being prepared.

BANKS

NEVADA CITY, NEVADA CO., CAL.—Bank addition, 1 story, reinforced concrete. Cost not stated. Architect, none. Owners, Nevada County Bank. Contractors, Knowles & Mathewson, Call-Post Bldg., S. F., concrete work. M. G. West Co., 353 Market street, S. F., bank fixtures, etc. Cost not stated.

BONDS.

PALO ALTO, SANTA CLARA CO., CAL.—The election held last week to vote bonds of $200,000 carried, and from plans prepared by Architects Allison & Allison, Hibernian Bldg., Los Angeles, bids for tht building to be erected will be called for when the bonds have been sold.

FRESNO, FRESNO CO., CAL. — Amendments compiled by the City Trustees for the special charter election will contain an amendment which will empower the city at any future time to issue bonds to finance the construction of a municipal ice plant, according to Mayor A. E. Snow.

TURLOCK, STANISLAUS CO., CAL.—The $100,000 school bond issue having been defeated. It is now the intention of the Turlock School Trustees to call an election to vote bonds of $65,000, thinking that an issue of this amount will be favored by the voters.

MEDFORD, ORE. — The $300,000 bonds voted by this city some months ago for the construction of a railroad from the terminus of the Southern Oregon Traction Co.'s line, near Jacksonville, to the Blue Ledge Mining District, has been cancelled by the City Council and the contracts between the city and the Traction Company has been officially nullified. This is preliminary to clearing the municipal field of all issues in controvery for the solution of refinancing the city under the Hanson plan.

RICHMOND, CONTRA COSTA CO., CAL.—Word has been received here from Congressman Curry stating that the new rivers and harbors appropriation bill just passed by Congress contains an appropriation of $428,000 for the Richmond inner harbor project, with $100,000 made immediately available. The city of Richmond has three dredgers working on the project now under contracts for the bulkheading and dredging let in connection with a new unit of the work. Money received from the federal government can be used at once on this project, as the city has spent $637,000 to date on the harbor work.

MERCED, MERCED CO., CAL.—The Chamber of Commerce and other organizations of Merced County will shortly petition the Supervisors to call an election to vote bonds of $1,250,000 with which to finance the construction of a permanent road system throughout the county. The plan will call for 125 miles of highway which is not included in any plan of the State Highway Commission.

CLOVERDALE, SONOMA CO., CAL.—The $29,000 school bond issue carried and will be advertised for sale shortly. Plans for the building to be erected from the sale of the bonds have already been prepared.

VISALIA, TULARE CO., CAL—March 7th is the date set to vote bonds of $2,200,000 for a permanent highway system.

FRESNO, FRESNO CO., CAL.—Land owners of Fresno County in mass meeting voted approval of the plans to construct a $9,000,000 reservoir at Pine Flat, Fresno County, to irrigate 1,000,000 acres in Fresno, Tulare and Kings Counties, and a committee will be named to ascertain if the Fresno Irrigation District desires to enter the project. Hydro-electric power for drainage will also be developed. A. E. Chandler, chairman of the State Irrigation Commission, spoke about the project. Lewis C. Hill, consulting engineer of the government, has reported favorably on the Pine Flat project.

FAIRFIELD, SOLANO CO., CAL.—The Supervisors have instructed District Attorney Lindauer to prepare the necessary papers for the voting of bonds amounting to $300,000 with which to finance the construction of roads in Suisun and Green Valley Township.

KEYSTONE, WASH.—Bonds of $200,000 for the construction of a system for the Keystone Irrigation District have been voted and action on starting work on the system will be taken in a few weeks.

PHOENIX, ARIZ.—The House Appropriation Committee is considering appropriations for the followirg institutions: University maintenance for two years, $150,000; improvements and agricultural work, $368,000; two dormitories, $225,000; Normal School at Tempe, $220,000 for new buildings, including a men's dormitory, and $119,000 for maintenance.

LONG BEACH, LOS ANGELES CO., CAL. The City Commissioners plan to hold a bond election, probably on May 8th, for the purpose of voting on an issue of either $200,000 or $250,000 to build a municipal structure containing all city and municipal departments. An auditorium will be included.

An election will be held in Long Beach shortly to vote bonds for the erection of new school buildings. The date will probably be April 8th, the date of the regular school board election.

SAN DIEGO, SAN DIEGO CO., CAL. An election will be held by the Board of Supervisors on March 6th, for the purpose of voting on the proposition to organize a San Diego Municipal Water District, to include a large area of surrounding territory.

MONROVIA, LOS ANGELES CO., CAL.—Cyrus Pierce & Company have purchased the $30,000 bond issue of the Monrovia School District at a premium of $2,458. Wilson & Eager, American National Bank Bldg., Monrovia, are the architects.

EL CENTRO, IMPERIAL CO., CAL.—A. W. Harrison of the Anglo-London-Paris National Bank, San Francisco, has been asked to submit bids for $500,000 of the projected bond issue of the Imperial Valley Irrigation District. This issue, if sanctioned by voters, will be used for immediate construction work on the Colorado River.

TUCSON, ARIZ.—An election will be held February 17th, to vote on a proposition to issue $150,000 in bonds for the purpose of building schools. It is proposed to erect a modern school building to cost $110,000 on the site of the Safford School; a building for the colored children of the city; and to extend the school system into the outlying sections of the city.

TEMPE, ARIZ.—The State Normal School at Tempe has asked for appropriations amounting to $220,000, to be expended as follows: Men's dormitory, $77,000; completion of new hospital, $2,500; central heating plant, $49,500; remodeling of main building, $15,000; work on grounds, $10,000.

NICOLAUS, SUTTER CO., CAL.—A special election has been called for February 17th by the trustees of Reclamation District 1001 for the purpose of voting upon the question of bonding the district for $500,000, the amount of the last assessment levied upon the district.

BRIDGES AND DAMS.

VALLEJO, CONTRA COSTA CO., CAL.—Bulkhead fill. Cost as follows. Engineers as follows. Owners, City of Vallejo. A board of engineers, consisting of T. D. Kilkenny of Vallejo, M. H. Peck and F. H. Tibbetts, San Francisco, has presented a report to the City Council on the matter of harbor bulkhead and fill. Three projects are outlined, all of which involve earth bulkhead and fill. The main difference in the projects outlined is the length of the bulkheads recommended. Work will cost from $1200 to $10,000.

BROOKLINGS, ORE. — Wharf, etc. Cost not given. Engineer, none. Owner, California and Oregon Lumber Co., Fife Bldg., S. F. Sealed bids for above will be received at office of C. & O. Lumber Co., room 660 Fife Bldg., S. F. until 11 a. m. February 19, 1917. Dimensions head of wharf approximate 400 by 64 feet; approach approximate 800 by 20 feet. Plans and specifications may be seen and copied at above office. A set may be seen at office of Builder and Contractor, 157 North Broadway, Los Angeles.

SANTA ROSA, SONOMA CO., CAL.—Bridges, 5, reinforced concrete. Cost not stated. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Plans for five highway bridges to be constructed on the State highway between Petaluma and Santa Rosa are being prepared by County Surveyor Malcolm Youker. The construction will be either reinforced concrete, plain or ornamental. One bridge will be of steel truss construction.

SEATTLE, WASH.—Bridge, steel and concrete. Cost as follows. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids have been called by the Board of Public Works to be opened on March 2nd at 10 a. m. for the construction of the substructure of the Eastlake bridge over the Lake Washington canal. Because of changes in the original plans for this work, the substructure is expected to cost about $100,000 more than the original contract for the work, which was first held by the Beers Building Co., forfeited shortly after the award. This portion of the work will cost between $150,000 and $200,000.

Contract Awarded.

SAN FRANCISCO—Wharf shed, steel and timber, $104,600. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Contractors, Clinton Construction Co., S. F. Contract price, $104,600.

CHURCHES.

REDWOOD CITY, SAN MATEO CO., CAL.—Church, 1 story and base, frame and plaster, $25,000. Architect, W. H. Toepke, 46 Kearny street, S. F. Owners, Congregational Church. Will contain main auditorium, Sunday school rooms, social hall and pastor's study. Plans being prepared.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO — Cleaning and dying works, 1 story and base. Class C construction, $15,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Berlin Cleaning and Dying Works. Location, southwest Fillmore and Chestnut streets. Will contain plant and store. Plans complete and figures being taken.

SAN FRANCISCO—Factory and office alterations, 2 story, brick. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, General Machinery Co. Location, Ecker street between Stevenson and Mission. Work will consist of brick and structural steel work, carpentry and electric work. Plans complete and figures being taken.

CROCKETT, CONTRA COSTA CO., CAL.—Factory addition, 2 and 4 story, brick and concrete. Cost not stated. Engineer, Engineering Department California-Hawaii Sugar Co. Owners, California-Hawaii Sugar Co. General Manager George M. Rolph, of the California-Hawaii Sugar Co., cables from Honolulu that the directors of the company have approved the expenditure of $2,500,000 for new equipment and building construction at the Crockett plant. Details of the improvements to be made cannot be given until the return of Mr. Rolph, which will be after [illegible] Plans will be prepared by the company's engineering department and bids will be taken through the [illegible] office.

BAY POINT, CONTRA COSTA CO., CAL.—Factory, 2 and 3 story, brick or concrete, $185,000. Architect, name not given. Owners, Pacific Textile Co., 120 Bush street, S. F. R. J. Dorley representing the Pacific Textile Co. has secured 2000 acres for a factory site located at Bay Point, Contra Costa County. Mr. Dorley states that three separate buildings will be erected. Construction will cost in the neighborhood of $185,000. Machinery and equipment will cost as much more. Further details will be given later.

SOUTH SAN FRANCISCO—Packing plant, 4, 4 story, brick and steel, $350,000. Engineer, R. Von Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co. Each building will cover a large ground area and has been designed for a special use. Plans are nearly complete and work will be started within a month. Mr. Von Voorhies will have complete charge of all construction.

GALT, SACRAMENTO CO., CAL.—Factory, 1 and 2 story, hollow tile and concrete, $150,000. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Utah Condensed Milk Co. Location, adjoining Southern Pacific tracks. Main building will be two stories high. Plans also provide for two one story cottages, a one story power house and a steel tank of 25,000 gallons capacity. Plans complete and figures being taken. Bids close on February 10th.

FRESNO, FRESNO CO., CAL.—Warehouse, 1 story, brick. Cost not stated. Architect, Jay Knapp, Griffith-McKenzie Bldg., Fresno. Owner, V. Krikorian. Will cover a considerable ground area. Plans complete and figures being taken.

MT. VERNON, WASH.—Factory and power house, 1 and 2 story, reinforced concrete, $350,000. Engineer, R. W. Schubert, Railway Exchange Bldg., Seattle. Owners, Mt. Vernon Milk Co. Condensary building, 100 by 210 feet. Power plant, 50 by 100 feet. Plans are being prepared.

Contract Awarded.

SAN FRANCISCO — Factory and warehouse, 1 story and base, reinforced concrete, $15,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, H. N. Cook Belting Co. Contractors, Barrett & Hilp, Sharon Bldg., S. F. Contract price, $15,000. Note: Subfigures are being taken.

FIRE HOUSES AND JAILS.

Contract Awarded.

TRACY, SAN JOAQUIN CO., CAL.—Fire house and hall, 2 story and base, brick, $9,574. Architects, Sala & Mayo, Commercial and Savings Bank Bldg., Stockton. Owners, City of Tracy. Contractors, Johnson Bros., Tracy. Contract price, $9,574.

FLATS.

SAN FRANCISCO—Flats and store, 3 story and base, frame, $7,500. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name not given. Location, Oakdale

and Phelps streets. Will contain one store and three flats of four rooms each. Plans complete and figures to be taken at once.

SAN FRANCISCO—Flat, 1 story and base, frame, $4,000. Architect, Arthur G. Schultz, Phelan Bldg., S. F. Owner, Henry A. Lehrkatt. Location, west 25th avenue south California, covering an area of 75 by 33 feet. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats and store, 2 story and base, frame, $5,000. Architect, D. C. Coleman, Clunie Bldg., S. F. Owner, L. Frankenstein, 3881 16th St., S. F. Location, east Shotwell north 15th street, covering an area of 75 by 50 feet. Will contain one store and two flats. Plans complete and figures to be taken at once.

SAN FRANCISCO—Flats, 2 story and base, frame, $2,000. Architect, E. Reichel, 2418 3rd avenue, S. F. Owner, O. Z. Sutton, 2448 3rd avenue, S. F. Location, west Railroad avenue south Paul. Will contain a store on the first floor and a six-room flat above. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, brick, $8,000. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, A. L. O'Brien. Location, east Leavenworth street between Post and Geary. Will contain two six-room flats. Plans complete and segregated figures being taken. .

SAN FRANCISCO—Flats, 2 story and base, frame, $6,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, G. B. Delucci. Location, south Union east Taylor. Will contain two modern flats of five rooms and bath. Plans complete and ready for figures next week.

SAN FRANCISCO—Flats, 3 story and base, frame, $6,500. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Cadematori. Location, east Taylor south Union. Will contain three flats of three and four rooms, bath and basement garage. Plans complete and figures being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,000. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. Location, east 3rd avenue north Irving. Will contain two flats of five and six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

GOVERNMENT WORK & SUPPLIES

San Francisco Circular No. 129.

The following awards have been made by the depot quartermaster, San Francisco, Cal., under officer circular No. 129, opened December 8, 1916.

Bid 1. Electric Appliance Co., 807 Mission street, San Francisco, Cal.
2. Weeks-Howe-Emerson Co., 90 Market street, San Francisco, Cal.
4. H. S. Crocker Co., 465 Market street, San Francisco, Cal
5. American Rubber Mfg. Co., 110 Mission street, San Francisco, Cal.
6. Yates & Co., 762 Folsom street, San Francisco, Cal
8. American Pin Co., 135 Kearny street, San Francisco, Cal.
9. The Heyman Weil Co., 55 Vission street, San Francisco, Cal
10. Pacific Fire Extinguisher Co., 507 Montgomery street, San Francisco, Cal
11. Fouear Ray & Simon, 512 Folsom street, San Francisco, Cal.
12. W. E. Mushet & Co., 748 Mission street, San Francisco, Cal
15. Dunham, Carrigan & Hayden Co., 140 Kansas street, San Francisco, Cal.
17. Joseph Gutradt Co., 350 Fremont street, San Francisco, Cal.
18. Pacific States Electric Co., 1 Mission street, San Francisco, Cal.
20. Vulcan Iron Works, 610 Mission street, San Francisco, Cal
21. Hooper & Jennings, 500 Howard street, San Francisco, Cal
22. Holbrook, Merrill & Stetson, Cor and Bluxome streets, San Francisco
23. Sharpleigh Hardware Co., St Louis, Mo
24. C. G. Clinch & Co., 113 Drumm street, San Francisco, Cal
25. Guarantee Tire & Supply Co., 1110 Van Ness avenue, San Francisco
26. Western Trading Co., 51 California street, San Francisco, Cal
28. John Rothschild & Co., Market and Spear streets, San Francisco, Cal
32. Mark-Lally Co., 245 2nd street, San Francisco, Cal
33. Gorham Fire Apparatus Co., 14 Mission street, San Francisco, Cal
36. Stegeo Terra Cotta & Pottery Works, Mills Building, San Francisco
37. Keuffel & Esser Co., 60 2nd street, San Francisco, Cal.
38. Marshall-Newell Supply Co., 142 Stewart street, San Francisco, Cal
39. Marine Electric Co., 550 Howard street, San Francisco, Cal.
40. Baker & Hamilton, 4th and Brannan streets, San Francisco, Cal
43. C. J. Hendry Co., 27 Main street, San Francisco, Cal.
45. The Sherwin-Williams Co., 1 2nd street, San Francisco, Cal.
46. Waterhouse & Lester Co., 231 Howard street, San Francisco, Cal
49. Anti-Teredo Paint Co., 2015 19th street, San Francisco, Cal.
52. California Steam & Plumbing Supply Co., 871 5th street, San Francisco, Cal.
53. Emerson Mfg. Co., 109 Stevenson street, San Francisco, Cal
54. Richard C. Hyland, 310 Sansome street, San Francisco, Cal.
58. Geo. E Butler, 356 California street, San Francisco, Cal.
61. Judson Mfg. Co., 819 Folsom street, San Francisco, Cal.
62. International Harvester Co., Monadnock Bldg., San Francisco, Cal.
63. The Perkins-Campbell Co., Cincinnati, O.
66. Harbison & Gathright, Louisville, Ky.
70. The Geo. Lawrence Co., Portland, Ore.
71. National Lead Co., Merchants' Exchange Bldg., San Francisco, Cal
72. The Garlock Packing Co., 670 Howard street, San Francisco, Cal.
74. Dalziel-Moller Co., 556 Mission street, San Francisco, Cal.
75. Universal Trading Co., 220 4th avenue, New York city
76. Bass-Heuter Paint Co., 816 Mission street, San Francisco, Cal
80. National Leather Belting Co., 31 East 38th street, New York city.
81. The A. Lietz Co., 61 Post street, San Francisco, Cal.
82. Plant Rubber & Supply Co., 2 Beale street, San Francisco, Cal
83. M. Greenberg's Sons Co., 2 Beale street, San Francisco, Cal.
84. Pacific Tool & Supply Co., 107 Mission street, San Francisco, Cal.
85. R. F. Johnson Paint Co., Pearl and Main streets, Cincinnati, O.
86. Geo. S. Fowler, Home Life Bldg., Washington, D. C.
87. Berry Bros., Ltd., 666 Howard street, San Francisco, Cal.
89. Herbert F. Dugan, 1170 Sutter street, San Francisco, Cal.
90. B. F. Goodrich Rubber Co., 561 Mission street, San Francisco, Cal
91. Taylor Instrument Companies, Rochester, N. Y.
92. Jos. Dixon Crucible Co., 155 2nd street, San Francisco, Cal.
93. Whittier-Coburn Co., Howard and Beale streets, San Francisco, Cal.
96. Old Dominion Paper Co., Norfolk Va.
98. The William Powell Co., Cincinnati, O.
99. Ward & Co., Mills Bldg., Washington, D. C.
100. Western Electric Co., 680 Folsom street, San Francisco, Cal
101. The Foxboro Co., 561 Market street, San Francisco, Cal
102. Pacific Hardware and Steel Co., 7th and Townsend streets, San Francisco, Cal

Item 1, 30 doz books, memo, $1.87 doz, bid 77.
2. 1 lb iron, Norway, 10c lb, bid 41
3. 400 lbs do, ¼ in, 7.9c, bid 1.
4. 300 lbs do, ½ in, 7.15c, bid 15
5. 100 lbs do, ⅝ in, 7.9c, bid 10
6. 200 lbs do, 9-16 in, 7.9c, bid 17
7. 400 do, ¾ in, 7.9c, bid 10
8. 200 lbs iron, flat, refined, 4.5c, bid 40.
9. 200 lbs do, 3.9c lb, bid 61
11. 24 oilstones, 38c ea, bid 23.
12. 200 gals paint, olive drab, $1.90 gal, bid 6.
13. 200 rms paper, wrapping, 10.98c e, bid 90.
14. 50 lbs rivets and burrs, copper, ¾ 15. 50 lbs do, ½ in, 57c lb, do.
16. 100 lbs salt ammoniac, 15.83 c lb, bid 28.
17. 1,000 lbs soap, soft, 5.4c lb, bid 17.
18. 4,000 lbs soda, sal, 1.179c lb, bid 3
19. 100 straps, harness, $1.35 ea, bid 20
20. 100 lbs tape, insulating, 11.25c lb, bid 23
21. 50 lbs do, splicing, no award, ordered under item 297
22. 100 lbs twine, wrapping, hemp, 3 ply, 28.75c lb, bid 15
23. 100 lbs do, 1-ply, 28.75c lb, do.
24. 100 lbs do, 3-ply, 28.75c lb, do.
25. 2,000 lbs do, jute, 2-ply, 19.5c, do
26. 200 lbs do, 4-ply, 16.6c, do.
27. 100 lbs do, 5 ply, 11.6c, do.
28. 100 lbs twine, cotton, white, 37c lb bid 3.
29. 50 gals varnish, damar, $1.51 gal, bid 16.
30. 20 gals do, coach No. 1, $1.15 gal, do
31. 20 gals do, body rubbing, $1.40 gal, do.
32. 300 gals do, asphaltum, 94c gal, bid 87.
33. 100 gals do, spar, $1.45 gal, bid 87
34. 200 lbs wax, ceiling, 32.3c lb, bid 5.
35. 300 bowls, mess, white enamel, 11 3c ea, bid 15.
36. 4 ammeters, switchboard, $17.40 ea, bid 75.
37. 136 balls, float, copper, 41c ea, bid 15.
38. 500 balls, fuller, rubber, 36c per 100, bid 74.
39. 200 ft belting, leather, $1.15 ft, bid 80.
40. 200 ft do, single ply, 10.25c ft, do.
41. 200 ft do, 1½ in, 15c ft, do.
42. 200 ft do, 2 in, 20.5c ft, do.
43. 200 ft do, 3 in, 30.75c, do.
44. 200 ft do, 4 in, 41c ft, do.
45. 200 ft do, 4½ in, 46.25c ft, do.
46. 200 ft belting, rubber, 18c ft, bid 5.
49. 100 bends, vitrified pipe, 56c ea, bid 36.
50. 50 bibbs, fuller, hose, 75c ea, bid 23.
51. 30 do, i. p., ¾ in 81c ea, bid 40.
53. 12 bits, twist drill, 7c ea, bid 40.
54. 24 do, 1-32 in, 27c ea, do.
55. 36 do, ⅝ in, 27c ea, do.
56. 54 do, ⅜ in round shank, 32c ea, do.
57. 48 do, bit stock, ¼ in, 14c ea, bid 102.
58. 2,000 bolts, stove, ¼ in by 1 in, 70c per 100, bid 23.
59. 2,000 do, ¼ in by 1½, 36c per 100, do.
60. 1 book, U. S. Pharmacopoeia, $3, bid 4.
63. 6 brushes, plater's, 70c ea, bid 84.
67. 24 brushes, tube, 1¼ in, 25c ea, bid 15.
68. 24 do, 1½ in, 25c, do.
69. 24 do, 1¾ in, 39c ea, do.
70. 24 do, 2 in, 31c ea, do.
71. 25 bushings, pipe, 6c ea, bid 102.
72. 10 gro buttons, tufting, 9c gro, bid 46.
73. 24 clamps, carriage maker's, 12 in, 95c ea, bid 102.
74. 50 cocks, water gauge, ⅜ in pipe, 1.c ea, bid 98.
75. 36 cups, grease, brass, ⅛ in, 28c ea, do.
76. 10,000 discs, filter, paper, $69.10 per M, bid 54.
77. 50 union elbows, pipe, ½ in, 16.5c ea, bid 52.
78. 36 flags, army transport, $2.09 ea, bid 53.
79. 10 gauges, ammonia, $7 ea, bid 101.
80. 1 pr glasses, marine, $37.50, bid 58
81. 1,500 lbs glue, marine, dry, 16.93c, bid 27.
82. 50 lbs graphite, 25.5c, bid 92.
83. 30 guards, lamp, $1.55 ea, bid 1.
84. 500 halters, $2.38 ea, bid 70.
85. 300 ft hose, chemical engine, 25c ft, bid 90.
86. 54 pcs hose, fire extinguisher $1.6 pc, bid 10
88. 1 indicator, $65.70, bid 15.
90. 5.5c knobs porcelain, $8.50 per M, bid 15.
92. 4,000 lbs nails, 10.25c lb, bid 23.
93. 6,500 lbs do, No. 6, 10.25c lb, do.
94. 8,000 lbs oakum, caulking, 15.79c lb, bid 2.
95. 50 gals oil, rubbing, 10c gal, bid 93.

96 1,000 gals paint, $[illegible] gal, bid 9.
97 150 gals do, boot-topping, $1.75 gal, bid 24.
98 75 gals do, enamel blue, $1 [illegible] gal, bid 15.
99 50 gals do, deep green [illegible], $[illegible] gal, bid 6.
100 100 gals do, red oxide of iron, $1.95 gal, bid 49.
101 5,000 lbs, do, red lead, [illegible] lb, bid 71.
102. 10 gals do, slating, 34c qt, bid 6.
103. 2,000 gals do, war color, $[illegible] gal, bid 76.
104. 5,000 lbs do, white zinc, [illegible] lb cont, 13.25c lb, bid 76.
105. 10,000 lbs do, in 12½ lb cont, 13.5c lb, do.
106. 250,000 pkgs toilet paper, $8.50 case, bid 4, for 30 cases only.
108. 144 plates, battery, zinc, [illegible] ea, bid 100.
109. 10 parts, for vulcan ice machine, $12 ea, bid 20.
110. 10 do, cylinder engine heads, $5.50 ea, do.
111. 10 do, for machine, $12 ea, do.
112. 10 do, cylinder rings, $1 ea, do.
113. 50 do, valve discharge springs, 35c ea, do.
114. 25 do, valve suction springs, 35c ea, do.
115. 15 do, discharge ammonia valves, $15 ea, do.
116. 12 do, suction ammonia valves, $15 ea, do.
117. 12 do, for machine No 7-B, brasses, eccentric, $3 ea, do.
118. 10 do ammonia valves, $12 ea, do.
119. 1 pr pliers, end cutting, $1, bid 39.
120. 2,400 bars polish 49c doz bars, bid 22.
121. 6 receptacles, 10-gal, $16 ea, bid 33.
123. 24 saws, $1.93 ea, bid 99.
124. 6 prs handles, 14.5c ea, bid 86.
125. 2 screwdrivers, 20c ea, bid 1.
126. 2 do, Nos. 3 to 5, 18c ea, do.
127. 2 do, Nos. 5 to 7, 18c ea, do.
128. 15 springs, hydrometer, $3.75 ea, bid 75.
129. 36 thermometers, 85c ea, bid 101.
130. 36 tires, pneumatic, $8.30 ea, bid 25.
131. 32 do, 30 in by 3½ in, $10.75, do.
132. 6 do, 33 in by 4 in, $17.75 do.
133. 12 do, 34 in by 4 in, $18.10 do.
134. 6 do, 35 in by 4½ in, $25.15, do.
135. 8 do, 35 in by 5 in, $28.10, do.
136. 4 do, 36 in by 4½ in, $25.50, do.
137. 3 do, 37 in by 4½ in, $26.55, do.
138. 2 do, 37 in by 5 in, $29.75 ea, do.
139. 4 do, straight edge, 34 in by 4½ in, $24.05, do.
140. 2 do 37 in by 4½ in, $26.55, do.
141. 6 torches, blow, $3.57, bid 1.
142. 200 traces, $3.91, bid 62.
143. 30 tubes, auto, inner, $1.8596, bid 15.
144. 30 do, 30 in by 3½ in, $2.1161, do.
145. 12 do, 32 in by 3½ in, $2.2123, do.
146. 6 do, 33 in by 4 in, $3.078, do.
147. 12 do, 34 in by 4½ in, $3.9116, do.
148. 8 do, 35 in by 4½ in, $3.9757, do.
149. 4 do, 35 in by 5 in, $4.5773, do.
150. 6 do, 36 in by 4½ in, $4.0719, do.
151. 6 do, 37 in by 4½ in, $4.1681, do
152. 6 do, 37 in by 5 in, $4.936 ea, do.
153. 6 pr tweezers, 22c pr, bid 1.
154. 100 unions, pipe, galv, 3 in, $1.25 ea, bid 52.
155. 25 valves ammonia, $2.70 ea, bid 20.
156. 25 do, ½ in, $3 ea, do.
157. 25 do, angle, hose, $9 ea, bid 83.
158. 40 do, gate, brass, $2.97 ea, bid 98.
159. 100 do, 3 in, $10 ea, do.
160. 10 do, globe, glass, $25 ea, do.
161. 120 gals varnish, $1.28 gal, bid 76.
162. 1 viscosimeter, $60, bid 91.
163. 1 voltmeter, $54.50, bid 75.
164. 1 volt ammeter, $18.50, do.
165. 2,000 washers, bidd, 22c per 100 bid 74.
166. 500 do, 22c, do.
167. 500 lbs wax, floor, 23c bid 45.
168. 24 wrenches, 58c ea, bid 23.
169. 2 do, 48 in, $5.50 ea, do.
170. 6 braces, bit, $2.70 ea, bid 40.
171. 200 gals creosote, 29c gal, bid 93.
172. 72 rules, carpenter's, $[illegible] doz, bid 23.
176. 4 elbows, flanged, $[illegible] ea, bid 15.
177.6 do, long radius, $5.04 ea, do.
178.3 do, cast iron, $3.74 ea, do.
179. 4 do, 10 in, $9.12 ea, do.
180. 2 flanges, reducing, $1.31 ea, do.
181. 2 do, companion, 75c ea bid 52.
182. 30 do, 5 ins by 10 ins, 87c ea, bid 15.
183. 6 do, [illegible] ea, bid 11.
do.
[illegible] do, [illegible] ea, do.
[illegible] do, [illegible] ea, bid 8.
186. 75 [illegible] ea, bid 8.
187. 20 do [illegible] ea, bid 8.
188. 1 pair hose couplings, $1.35 ea, bid 66.
189. 1 do, [illegible] ea, bid 8.
190. [illegible] pipe extra heavy [illegible] ea, bid 41.
191. 100 ft do, 1¼ in, 13c, do.
192. 100 ft do, [illegible] in, [illegible] do.
193. 60 ft do, 2 ins, 21.25c, do.
194. 60 ft do, [illegible] ins, 34.5c do.
195. 40 ft do, 3½ ins, 62.5c, do.
196. 60 ft do, 4 in, 76.25c, do.
197. 140 ft do, [illegible] in, $11.50 per 100 ft, bid 32.
198. 20 ft do, 6 ins, $195, do.
199. 80 ft do, 10 ins, $187.30, do.
200 [illegible] ins by 4 ins taper, $5.68 ea, bid 15.
201. 3 separators, oil, $115, bid 20.
202. 2 do, steam, 5 ins, $38.65 ea, open 76.
203. 4 do, steam, 5 ins, $38.65 ea, open market purchase.
204 [illegible], $[illegible], bid 15.
205. 1 do, 10x8x6 ins, $14.95, do.
206. 2 valves, gate, 4 ins, $24.43 ea, bid 98.
228. 1 attachment, 59c, bid 84.
230. 1 blower, power, $4.85, bid 15.
231. 100 lbs bolts, railroad, $5.40 per 100 lb, bid 102.
232. 12 books, engrs, $1.17, bid 37.
233. 1 brush, red sable, 75c, bid 81.
235. 33 caps, fuller bibb, 3c doz, bid 74.
236. 3 do, 5/8 in, 4c doz, do.
237. 1 clamp, comb, $2, bid 102.
238. 50 clips wire rope, 25c ea, bid 102.
239. 10 yds cloth, $1.63 yr, bid 46.
240. 12 cocks, indicator, $7.72, bid 15.
241. 1,000 discs, filter, $7.75 per 100, open market purchase.
243. 1 drill, chuck, $1.34, bid 23.
244. 50 eccentrics, 15c, bid 102.
246. 30 elbows, brass, 70c, bid 83.
247. 24 erasers, rubber, $2, bid 81.
251. 36 gaskets, rubber, 75c, bid 10.
252. 1 gauge, $1.10, bid 84.
253. 36 hooks, harness, 94c doz, bid 23.
254. 4 hydrometers, $1.25 ea, bid 91.
255. 4 do, calcium chloride, $1.25 ea, do.
256. 2 knives, electricians, 60c ea, bid 18.
257. 1 machine, hacksaw, $21, bid 84.
258. 30 lbs packing, $1.17 lb, bid [illegible].
261. 1 reel paper, drafting, $4 reel, bid 81.
262. 500 tiles, Heine boiler, 70c ea, bid 12.
263. 14 do, "TK", 51c ea, do.
264. 1 shaft, flexible, $2.45, bid 66.
267. 3 parts, for vulcan ice machine, $15 ea, bid 20.
268. 3 do, ammonia discharge valves, $15 ea, do.
269. 6 do, suction valve springs, 35c ea, do.
270. 6 do, discharge valve springs, 35c ea, do.
271. 1 do, set piston rings, $3 set, do.
272 1 do, set expansion coils, $[illegible] set, do.
273. 1 pencil, refill, 25c, bid 81.
274. 500 pins, steel, 15.49c ea, bid 1.
275. 250 ft pipe, 3/8 in, 4c ft, bid 74.
277. 2 prs pliers, 72c pr, bid 18.
278. 2 lbs powder, 10c lb, bid 81.
279. 24 pulls, door, $9.36 doz, bid 23.
282. 3 rules, steel, 50c ea, bid 81.
283. 3 saws, band resaw, $19.80 ea, bid 86.
284 1 saw, interchangeable [illegible] bid 102.
285. 1 do, nest of, 70c, do.
286 1 scale, steel, [illegible] ins long, [illegible] bid 84.
287. 1 do, 24 ins long, $2.35, do.
288 2 prs scissors, [illegible] pr, bid [illegible].
290 1 shuttle, [illegible], $4.20, bid [illegible].
291 144 seams, harness, $[illegible] gross, bid 102.
292. 50 stems, ball, $12 per 100, do.
294. 500 stoppers, 40c ea, do.
295. 20 lbs tape, friction, 48c lb, bid 39.
296. 50 lbs do, linen, 29c lb, bid 18.
297. 50 lbs do, insulating, 76.25c lb, bid 23.
298. 11 tees, g. i., 7c ea, bid 74.
299 50 bundles [illegible], $[illegible] bundle, bid 15.
300 [illegible] valves, [illegible], $[illegible] ea, [illegible].
301. 12 washers, 40c doz, bid 102.
302. 12 do, 1¼ ins, 45c doz, do.
303. 12 do, 1½ in, 55c doz, do.
304 [illegible] do compressed, [illegible] per 100, do.
[illegible]
[illegible] $[illegible] bid [illegible].
[illegible] $[illegible] bid [illegible].
337. 300 baskets, desk, 17.9c ea, bid [illegible].
[illegible] doz [illegible], bid [illegible].
[illegible] doz [illegible], bid [illegible].
[illegible] gal, bid [illegible].
342. 200 spouts, oil, 80c doz, bid [illegible].
343. 5,000 yds webbing, 2c yd, bid 43.

Beating the 8-Hour Law.

The Secretary of War desires authority to make purchases abroad of material of any class which cannot be procured in this country with the provisions of the 8-hour law of June 19, 1912. In a communication to Congress, Mr. Baker says:

"The act approved June 19, 1912, generally known as the eight-hour law provides in the general that a contract may not be made for articles other than ordinary supplies except with a provision limiting the hours of labor to eight per day for each laborer or mechanic doing any part of the work contemplated by the contract. This provision leaves the Government in the position of being unable to secure material, not ordinary supplies, should it fail to find a contractor competent to deliver the material and willing to do so under the eight-hour law, provided war be not either existing or imminent. In times such as the present, when producers are flooded with orders, this condition may readily arise and, in fact, some embarrassment along this line has occurred. It seems unwise that the Government should be left in such a helpless condition, and it is therefore recommended that authority of law be given for procurement abroad should such condition arise. The following is suggested for enactment into law: 'That in case of failure to secure material of any class, under the act approved June 19, 1912, limiting hours of labor, after diligent trial, such material may be procured abroad, without limitation as to hours of labor and when so procured, it shall be admitted free of duty.'"

Kalispell, Mont., Furniture.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., January 24, for installing furniture in the U. S. post office at Kalispell, Mont.:

Jacob Beitzel & Son, York, Pa., $2,488; time, 120 days.

Federal Equipment Co., Carlisle, Pa., $2,474; time, 77 days.

National Showcase Co., Brooklyn, N. Y., $1,926; time, 60 days.

Standard Cabinet and Construction Co., Detroit, Mich., $2,796.40; time, 120 days.

Wenatchee, Wash., Supplementary Bids.

The following supplementary bids were received by the supervising archi-

[illegible] Washington D. C., January 19, for the construction complete of the U. S. post office at Wenatchee, Wash.

Bid 1, Sound Construction and Engineering Co., Seattle, Wash., limestone, $79,631; sandstone, $81,631.

Bid 2, W. D. Lovell, Minneapolis, Minn., limestone, $82,[illegible] sandstone, $81,[illegible].

Bid 3, John Wallin & Co., Tacoma, Wash., limestone, $18,[illegible]; sandstone, $80,300.

Bid 4, Henrickson & Co., Inc., Seattle, Wash., limestone, $79,698; sandstone, $80,798. Alternate No. A1 for reinforced concrete construction instead of steel, $76,800.

Alternate 1, substituting ornamental terra cotta for all stone work above first floor line, except pilaster bases and the stone courses above water watertable. Bid 1, deduct $450; 2, $1,110; 3, no bid; 4, limestone, $717; sandstone, $748.

Alternate 2, substituting non-fireproof construction for fireproof construction above first story—Bid 1, deduct, $4,160; 2, $2,000; 3, $2,000; 4, $2,066.

Alternate 3, substituting stud partitions and wood furring, for terra cotta partitions and terra cotta furring in first story. Bid 1, deduct $799; 2, $300; 4, $307.

Alternate 4, making changes and substitutions in toilet room marble work—Bid 1, deduct $630; 2, $1,400; 3, $650; 4, $762.

Alternate 5, simplifying watertable—Bid 1, deduct $70; 2, $150; 3, $50; 4, $129.

Alternate 6, substituting brick for stone course above watertable except where pilaster bases occur—Bid 1, deduct $170; 2, $200; 3, $150; 4, limestone $131; sandstone, $157; alternate 7, omitting girlees required on the outside of exterior windows and doors—Bid 1, deduct $1,439; 2, $700; 3, $700; 4, $800.

Item 8, substituting concrete and cast iron work for granite in connection with the mailing vestibule and concrete for area copings—Bid 1, deduct $351; 2, $250; 3, $50; 4, $60.

Alternate 9, omitting concrete copings at lot lines along Mission street and Yakima street—Bid 1, deduct $115; 2, $300; 3, $50; 4, $115.

Alternation 10, making changes and substitutions in plumbing—Bid 1, deduct $120; 2, $600; 3, $700; 4, $350.

Richfield, Utah, Post Office.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., January 22, for the construction complete of the U. S. post office at Richfield, Utah:

Item 1, limestone; 2, sandstone.

J. F. & H. E. Schraven, Salt Lake City, Utah: item 1, $70,328; 2, $70,203.

George T. Hinchliff Co., Security Building, Chicago, Ill., item 1, $59,000.

W. D. Lovell, Minneapolis, Minn., item 1, $50,900; 2, $50,900.

A. G. Young, Richfield, Utah, item 2, $47,988.

Geo. A. Whitmeyer & Sons, Ogden, Utah, item 1, $50,905; 2, $51,112.

Geo. A. Shaul, Seneca, Kans., item 1, $54,640; 2, $54,323.

J. M. Dougan Co., San Francisco, Cal., item 1, $50,270; 2, $49,990.

Repairs to Light Vessel 88.

The following bid was received by the lighthouse inspector, Portland, Ore., December 15, 1916, for repairing, overhauling and docking the lighthouse vessel 88:

Holser & Undsen Machine Works, $1,731.75, 20 days, accepted.

Tender Fern, Repairs, Etc.

The lighthouse inspector, Portland, Ore., received the following bid January 5, for making repairs to the engine in the tender Fern:

Marine Pipe and Engine Works, Seattle, Wash., $345, accepted.

MARE ISLAND, CAL. — A delay in securing specifications from the public printer has caused the Bureau of Yards and Docks to postpone the date for opening bids for the machine shop building to be erected at Mare Island from February 5th to February 26th. Plans and specifications are now available and can be secured on application to the Commandant of the Mare Island Navy Yard.

MARE ISLAND, CAL. — Estimates are now being prepared at the Mare Island Navy Yard for the construction of a pontoon for a bucket dredge capable of handling a cubic yard of earth. The pontoon is to be 70 by 30 feet. The Navy Yard will tend to the installation of machinery of the dredge, which will be purchased from private contractors.

HALLS AND SOCIETY BUILDINGS.

PETALUMA, SONOMA CO., CAL.—Repair fire damage to hall and stores, 2 story and base, brick and steel, $15,000. Architect, Brainard Jones, Petaluma. Owners, Petaluma Masonic Temple Association. Location, Western avenue. This work will consist mostly of brick and steel work, painting, carpentry, plastering, plumbing and electric work. Plans are being prepared.

HOSPITALS

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital addition, 1 story, reinforced concrete, $30,000. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owners, St. Joseph's Hospital. Addition will contain wards and private rooms. Plans are being prepared.

SPOKANE, WASH. — Hospital, 4 story and base, steel and brick, $200,000. Architect, Archibald Rigg, Empire Bldg., Spokane. Owners, St. Luke's Hospital. This is the first unit of one of the most modern and up-to-date hospital buildings in Washington. Working drawings are being prepared and figures will be called for shortly.

Contract Awarded.

AGNEWS, SANTA CLARA CO., CAL.—Hospital cottage, 1 story, concrete and frame, $18,937. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Monson Bros., 1907 Bryant street, S. F. Contract price, $18,937.

HOTELS.

COLUSA, COLUSA CO., CAL. Hotel addition, 3 story and base, frame, $17,000. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owners, Riverside Hotel Co. The addition will be at one end of the present building. About 25 rooms and several baths will be added. Plans are complete and figures are being taken.

CAMP MEEKER, SONOMA CO., CAL. Bert Meeker of Camp Meeker, Sonoma County, is now preparing plans for a two-story frame resort hotel, which he will build on property near the famous Old Sulphur spring at Camp Meeker. Construction will be done by Day Labor. Mr. Meeker states that the building will contain 40 rooms, a number of baths, and a large social hall and lobby. Exterior will be faced with shingles and interior finished in redwood.

IRRIGATION PROJECTS.

OROVILLE, BUTTE CO., CAL.—Irrigation canal. Cost not stated. Engineer's name not given. Owners, Western Canal Co., Oroville. Announcement is made here that the Western Canal Company has surveyors in the field determining the location of the main canal of a proposed mutual irrigation district for this section. The water would be taken from the Feather River near Oroville, and would be carried to thousands of acres. The Western Canal Company recently constructed a large irrigation canal west from Oroville to the Biggs-Nelson country.

Contract Awarded.

COLUSA, COLUSA CO., CAL.—Irrigation lateral. Cost not stated. Engineer's name not given. Owners, Cheney Slough Irrigation Co., Contractor, C. A. Hische, Colusa. Contract price not stated.

LIBRARIES.

SAN FRANCISCO—Library, 2 story and base, brick and steel, $45,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. Location, 18th avenue and Irving street. Will contain two reading rooms, assembly hall and offices. Plans complete and figures being taken. Bids open on February 14th at 12 noon.

POWER PLANTS.

EUREKA, HUMBOLDT CO., CAL.—Water system supplies. Cost not stated. Engineer, City Engineer, Eureka. Owners, City of Eureka. Bids will be opened on February 20th for furnishing Eureka Water Department, f. o. b. Eureka, Cal., on or before April 15, 1917,: First—A manifold system, cast iron fittings, outside piping, gates, strainers, three cradles, etc., for an 8x20" horizontal steel pressure water filter, the tank or shell, filter sand and gravel and concrete fill to be furnished by the Water Department. Boiler maker's drawings to be furnished the Water Department by the successful bidder. Second—An 8x20" horizontal steel pressure water filter, complete, crete fill. Working pressure, 100 lbs. crete fill.. . Working pressure, 100 lbs. per square inch.

COALINGA, FRESNO CO., CAL.—Water system. Cost as follows. Engineer, F. G. Dessery, Central Bldg., L. A. Owners, City of Coalinga. Work on the proposed water system for Coalinga will soon be under way. Working plans are now complete and bids for the drilling of wells will be opened on February 19th. The cost of the entire system, which is to consist of drilling wells and the building of pipe lines, is estimated at $100,000, and

for which funds are already on hand. Claude T. Walker is City Clerk.

SEATTLE, WASH.—Water system extensions. Cost not stated. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids have been called for by the Board of Public Works to be opened on March 16th, for the furnishing and installing of the equipment for the addition to the auxiliary steam power plant of the city on Lake Union. This portion of the project, which will double the capacity of the present plant, will approximate a cost of $300,000, while the building contract yet to be awarded will run close to $100,000. Plans for the latter have only just been started by the city architect and will not be ready for contractors for several weeks. Bids for the equipment will be taken on the entire installation or on the following units: (1) Boiler feed pumps and service pumps; (2) steam turbo generator, reactance coils, exciter, etc.; (3) high vacuum set condenser, air and water pumps, etc.

CAMAS, WASH.—Water system extension, etc. Cost as follows. Engineer, L. B. Wickersham, Chamber of Commerce Bldg., Portland. Owners, Town of Camas. Plans and estimates have been completed outlining the main details of a proposed municipal waterworks installation for the town of Camas. In a general way, it is expected that this system will cost between $80,000 and $100,000, requiring a pipe line several miles in length, reservoir and local distribution system.

RESIDENCES.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, $3,000 each. Architect, none. Owners, Nelson Bros., 493 7th avenue, S. F. Location, east 40th avenue south Clement. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, $4,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, southeast Pico and Urbano Drives. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $6,500. Architect, Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, George Kennedy. Location, St. Francis Woods. Will contain eight rooms, two baths and sleeping porch. Plans complete and figures being taken.

SAN FRANCISCO—Residence, 1 story and base, frame, $2,700. Architect, none. Owner, W. A. Miller, 2503 Clement street, S. F. Location, north Cabrillo west 19th avenue. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, H. A. Pleitner, 954 Fruitvale avenue, Oakland. Location, northeast Lincoln and Damuth. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALBANY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, A. S. Nickerson, Albany. Location, west Adam north Main. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALBANY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, C. J. Pfrang, 5187 Claremont avenue, Oakland. Location, west Peralta south Solano. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $9,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Robert Newman. Will contain eight rooms, two baths and sleeping porches. Separate garage. Plans revised and new figures being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, $12,000. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Henry Hahn. Location, Crocker Highlands. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans complete and segregated figures being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,000. Construction Manager Frederick H. Whitton, 251 Kearny street, S. F. Owners, Wickham-Havens Co. Location, Wala Vista west Arimo. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, J. A. Reid, 1510 Ashby avenue, Berkeley. Location, south Ashby east Sacramento. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,200. Architects, J. C. and M. L. Newsom, 1748 Broadway, Oakland. Owner, A. F. Werum. Location, 35th avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $10,000. Architects, Morrow & Garren, Chronicle Bldg., S. F. Owner's name withheld. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans complete and figures being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Hans A. Hansson, 2311 Ellsworth street, Berkeley. Location, south Prince west Dana. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, $4,000 each. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owner, William A. Hale. Each house will contain seven rooms, bath and sleeping porch. Separate garages. Plans being prepared.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, $30,000. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner's name withheld. Location, Mt. Diablo Park. Will contain 15 rooms, 4 baths and sleeping porches. Separate garage and other out buildings. Plans complete and figures being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $4,000. Architect, John Hudson [illegible] Bldg., [illegible] Will contain six rooms, bath and sleeping porch. Plans being figured.

SAN FRANCISCO—Residence, 2 story, frame, $6,000. Architect, [illegible] Mc Cue, 660 Market street, S. F. Owner, Forrest H. Dutton, [illegible] Location, [illegible] Will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $12,000. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owner, John F. Forbes. Location, Claremont Park. Will contain ten rooms, three baths and separate garage. Plans being prepared.

NAPA, NAPA CO., CAL.—Residences, 2, 2 story, frame, $12,000. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owner, C. M. Cole. Location, near Napa. Owne dwelling will contain eight rooms, two baths and sleeping porch, and the other four rooms and bath. Plans are being prepared and work will be let on a percentage basis.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, C. A. Clark, 2366 Hill street, Fresno. Location, 3254 Illinois street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

LOS BANOS, MERCED CO., CAL.—Residence, 2 story and base, frame, $10,000. Architect E. V. Cannon, Central Bank Bldg., Oakland. Owner, J. V. Toscano. Will contain ten rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $2,000. Architect, none. Owner, J. E. White, 266 Effie street, Fresno. Location, Markely-Vincent Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, $12,000. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owner, R. S. Faxon. Will contain ten rooms, four baths, sleeping porches and separate garage. Plans being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Carl Hokhodt, 1113 East Channel street, Stockton. Location, Oaks Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SCHOOLS.

OAKLAND, CAL.—College dormitory, 2 or 3 story, brick or frame. Cost not stated. Architect, none. Owners, Mills College. An architect will be selected within the next few days to prepare plans for a new dormitory building to be erected at Mills College in East Oakland. The president if the institution states that the building will probably be a two-story structure but may be carried up another story. The type of construction and other details can not be given out until next week.

PALO ALTO, SANTA CLARA CO., CAL.—School group, 8, 1 and 2 story,

reinforced concrete, $30,000. Architects, Allison & Allison, Hibernian Bldg. L. A. Owners, Palo Alto School District. Bonds have just been voted for this work and working drawings are now being completed. The group of buildings will consist of eight reinforced concrete structures of from one to two stories. Further mention will be made of the work.

CLOVERDALE, SONOMA CO., CAL.—School, 1 story and base, brick and concrete, $20,000. Architect, Edward Norberg, Bank Bldg., Burlingame. Owners, Cloverdale School District. Bonds have been voted and working drawings will be prepared at once. The building will contain eight class rooms and an assembly hall. Further mention will be made of the work when bids are called.

COLUSA, COLUSA CO., CAL.—School, 2 story and base, brick and concrete, $125,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa High School District. Will contain fourteen class rooms, auditorium and offices. Plans nearly complete and figures to be called for within a week or ten days.

MODESTO, STANISLAUS CO., CAL.—School, 1 and 2 story and base, reinforced concrete and brick, $130,000. Architects, De Remer & Hewitt, Title and Insurance Bldg., L. A. Owners, City of Modesto. The architects are now at work revising the elevations for this building. While the floor plans were regarded as meeting the required conditions, the board was not satisfied with the architectural treatment. Funds are available and bids will be called as soon as plans can be made to the satisfaction of the board.

FRESNO, FRESNO CO., CAL.—School auditorium, 1 story, brick and concrete, $14,000. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. A new auditorium seating 900 people is to be erected at the Edison School. Plans are being prepared.

LAS VEGAS, NEV.—School, 1 story and base, reinforced concrete, $40,000. Architects, Wilson & Eager, American National Bank Bldg., L. A. Owners, Town of Las Vegas. Will cover an area of 140 by 170 feet and contain 16 class rooms. Plans complete and figures being taken. Bids close February 17th.

SEWERS, STREET WORK & WATER SYSTEMS.

VALLEJO, SOLANO CO., CAL.—Sewer extensions. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Assistant City Engineer H. Harrold is preparing plans for the proposed sewer system for a number of homes in this city. More than 1,000 feet of sewer will be laid. The Fourth street sewer will also be extended.

EUREKA, HUMBOLDT CO., CAL.—Highway improvements. Cost as follows. Engineer, County Surveyor, Eureka. Owners, Humboldt County. Action by the Supervisors on the application of taxpayers in Mattole township for the improvement of their roads will be taken at the next regular meeting in February. If a majority of the property owners of the district do not oppose the proposition, there will be $63,000 spent improving the old roads and constructing new highways under the Road District Improvement Act of 1907. County Surveyor A. O. Logan has completed and has submitted the following estimates. Fifteen miles of new road, Bull Creek to Upper Mattole, $27,625.84. Ten miles of new road, Ettersburg to Shelter Cove, $16,681.83. Repairing from Ettersburg to south end of Green road, $3,399.99. Repairing from south end of Green road to Dever's Gate, $11,337.09. Incidental costs of construction, $2,000. If the proposition goes through and the Supervisors let contracts for the work, the contractors will be paid with bonds drawn on the county treasury.

SACRAMENTO, CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. County Surveyor Butler has been instructed by the Supervisors to commence surveys for the construction of a paved road from Sheldon to the Jackson road, a distance of six miles. The improvement will cost $60,000 and will be built according to the specifications of the County Highway Commission.

SAN JOSE, SANTA CLARA CO., CAL.—Bulkhead, etc. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the last meeting of the County Supervisors, the County Engineer was directed to prepare plans to construct the bulkhead at the mouth of the old Canoas by-pass.

SAN BRUNO, SAN MATEO CO., CAL.—Sewer construction. Cost not stated. Engineer, Town Engineer, San Bruno. Owners, Town of San Bruno. Bids will be opened on February 14th for sewer construction authorized under the following resolution: That El Camino Real be improved by the construction of a 6-inch, vitrified, ironstone pipe sewer in the east side thereof distant 2 feet west of the property line and running from the existing manhole in the center line of Euclid avenue north to a point distant 18 feet south of the south line of Forest lane, together with two manholes, one lamphole and 12 Y branches.

RENO, NEV.—Disposal plant. Cost as follows. Engineer, City Engineer, Reno. Owners, City of Reno. With the consent of Reno, Nev., city officials, a bill is to be introduced into the State legislature to compel the city of Reno to construct a disposal plant to care for the sewage of the city. The plant will cost in the neighborhood of $150,000. If the action is successful, the town of Sparks, Nev., will take similar action.

Contract Awarded.

SAN FRANCISCO—Street improvement. Cost as follows. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. A contract for street improvement has been awarded by the Board of Public Works as follows. The improvement of Leland avenue, between San Bruno avenue and Rutland street, by the construction of concrete curbs, artificial stone sidewalks, brick catchbasins with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, ironstone pipe culverts, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to M. A. Greely, 30th avenue and Anza street, S. F., for $12,009.45.

BAKERSFIELD, KERN CO., CAL.—Street paving. Cost as follows. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council has awarded a contract to Thompson Bros., 1414 H street, Fresno, Cal., for the paving of Summer street, from Kern street to Union avenue, they being the low bidders at $22,398. The bid being $10.65 lower than that of the Federal Construction Co., Other bidders were Worswick Construction Co. and the California Street Improvement Co.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base. Class C construction, $10,000. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owners, Sunset Realty Co. Location, Church street near Mraket. Will contain six stores. Plans complete and figures being taken.

SAN FRANCISCO—Stores, 1 story and base. Class C construction. Cost not stated. Architect, Mathew O'Brien, Foxcroft Bldg., S. F. Owners, Skelley Estate. Location, east Van Ness avenue north Turk. Will contain several stores. Plans complete and figures being taken.

OAKLAND, CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, M. I. Diggs, 1529 Telegraph avenue, Berkeley. Owner, W. J. Schmidt. Location, south 7th street east Broadway. Will contain 8 modern stores. Plans complete and figures being taken.

OAKLAND, CAL.—Stores, 1 story and base, concrete and frame, $6,000. Architect, M. I. Diggs, 1529 Telegraph avenue, Berkeley. Owners, Marshall & Diggs. Location, northwest Shafter avenue and College. Will contain one large store. Plans complete and work to be done by Day Labor..

RICHMOND, CONTRA COSTA CO., CAL.—Market, 1 story, frame, $2,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owners, Hunt-Hatch Co. Will contain a large market. Plans complete and figures being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores, 1 story, frame, $7,000. Architect, none. Owner, Mrs. S. M. Hickinbotham. Location, Washington and Grant streets. Will contain two small retail stores. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL.—Stores and lofts, 4 story and base, reinforced concrete. Cost not stated. Architects, Dodd & Richardson, Brockman Bldg., L. A. Owners, Coulter Dry Goods Co. Location, southwest 7th and Olive streets, covering an area of 103 by 225 feet. Plans complete and buildings now on the site being wrecked. Bids to be called for shortly.

THEATRES

RICHMOND, CONTRA COSTA CO., CAL.—Theatre, 2 story and base, brick, steel and concrete, $70,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnken Circuit. Location, Macdonald avenue between 9th and 10th streets, covering an area of 75 by 150 feet. Will seat 1800 people. Plans nearly complete and figures to be called for within a week or ten days.

STOCKTON, SAN JOAQUIN CO., CAL.—Theatre, 1 story and base, brick, $20,000. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owner's name not given. Location, southwest section of city. De-

signed for a Jap theatre. Plans being prepared.

LOS ANGELES, CAL.—Theatre, 2 story and base. Class A construction, $100,000. Architects, Dodd & Richards, Brockman Bldg., L. A. Owner, Shirley Ward. Location, east Grand avenue north 7th street, covering an area of 76 by 165 feet. Seating capacity, 2500 people. Plans being prepared.

SEALED PROPOSALS.

PROPOSALS FOR LAUNCH.

WOODEN LAUNCH Office of the Depot Quartermaster, U. S. Army, Fort Mason, San Francisco, Cal. Sealed proposals will be received here until **February 15, 1917,** under schedule 181 for furnishing one wooden launch. For further information address JOHN T. KNIGHT, colonel, quartermaster corps, depot quartermaster.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1118 Proposals for Gasoline Annual Estimate for the Period Ending March 31, 1918. —Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. February 15, 1917,** at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and information relating to this circular (No. 1118) may be obtained from this office or the offices of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the principal cities throughout the United States. EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR DREDGE.

DREDGE—Sealed proposals indorsed "Proposals for Dredge" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. February 26, 1917,** and then and there publicly opened, for a 1-ton bucket dredge for the navy yard, Mare Island, Cal. Drawing and specification can be obtained on application to the bureau or to the commandant of the navy yard named. F. R. HARRIS, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Sealed proposals indorsed ""Proposals for a Lavatory and Locker Building" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. February 26, 1917,** and then and there publicly opened, for a wood frame building built on concrete foundation and having concrete floor, corrugated steel siding, sheathed roof covered with prepared asbestos roofing and complete plumbing, hot water heating and electric lighting systems at the navy yard, Puget Sound, Wash. Drawings and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. F. R. HARRIS, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1116 — Proposals for Pig Iron, Pig Tin, Steel Pile Shoes, Brakeshoes, Link Pins, Pin Lifters, Spring Plates, Track Bolts, Nails, Rivets, Brass Bolts, Shrews, Door Hooks, Hasps, Steel Balls, Iron Railings and Gates, Pipe Fittings, Valves, Cocks, Copper Gaskets, Sanitary Fixtures and Fittings, Files, Taps, Floor Brushes, Hand Cars, Push Cars, Safes, Time Recording Stamps, Tracing Cloth, Fire Brick, Fire Clay, Sea-Coal Facing, Silica Wash, Silica Sand, Silica Grit, Coke, Lime, Sulphur, Wood Filler and Creosote Oil.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. February 11, 1917,** at which time they will be opened in public, for furnishing or furnishing and erecting the above mentioned articles. Blanks and information relating to this circular (No. 1116) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the principal cities throughout the United States. EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., Jan. 15, 1917. SEALED PROPOSALS will be opened in this office **at 3 P. M. Feb. 28, 1917,** for the construction of the United States Post Office at Fort Morgan, Colo. Drawings and specifications may be obtained after Jan. 22, 1917, from the custodian of site at Fort Morgan, Colo., or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect. (*)

PROPOSALS FOR WIRING AND HEATING.

WIRING, HEATING, ETC. Treasury Department, Office of the Supervising Architect, Washington, D. C., January 11, 1917. Sealed proposals will be opened in this office at **3 p. m. March 8, 1917,** for a new system of conduit and wiring and alterations in heating system in the United States assay office at Boise, Idaho, in accordance with drawings and specifications, copies of which may be had at this office or at the office of the custodian, Boise, Idaho, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 111 Proposals for Furnishing or Furnishing and Erecting Structural Steel and Miscellaneous Material for Pier No. 6, Cristobal, C. Z.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. February 12, 1917,** at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 1114) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. EARL I. BROWN, mapor, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal.—SEALED PROPOSALS, in triplicate, for constructing a boulevard at Presidio of San Francisco, Cal., will be received here **until 11 A. M., February 26, 1917.** Further information on application. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Forum Building, Sacramento, California, **up to and including 12 o'clock, noon, Friday February 23, 1917,** said bids then and there to be publicly opened and read for furnishing all plant, materials, and labor, and doing the work required for the complete construction and erection of the "Office Building, Garage and Testing House," California State Mining Bureau, Taft, Kern County, California, in accordance with the plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

[illegible] bids will be received for the [illegible] Work, and must be submitted [illegible] prepared and furnished by the [illegible] Department of Engineering, [illegible] a bidder must deposit a certified check in the sum of ten per centum (10%) of the amount of the bid [illegible] property each bid.

A deposit of Ten ($10.00) Dollars will be required on each set of plans and specifications, deposit to be returned upon the return of the plans and specifications to the State Department of Engineering, at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informalities in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope "Proposal for Office Building, Garage and Testing House, California State Mining Bureau, Taft, Kern County, California."

(SIGNED) W. F. McCLURE, State Engineer. (*)

NOTICE TO CONTRACTORS.
1200 FOOT CREOSOTE PILE WHARF AND APPROACH AT BROOKINGS, CURRY COUNTY, OREGON.

SEALED BIDS for above will be received at office of C and O Lumber Co., Room 607 Pine Bldg **until 11 A. M., February 19, 1917.** Dimensions head of wharf approximately 400 x 64; approach approximately 800 x 30.

Plans and specifications may be seen and secured at above office. A set may be seen at office of Builder & Contractor, 122 North Broadway, Los Angeles. (*)

NOTICE TO CONTRACTORS.

The Board of Education of the City of San Rafael will receive bids **on or before Feburary 13, 1917,** for planting lawn and landscape garden on the Coleman School property.

Copies of the specifications for planting may be secured from the secretary of the Board, and will be mailed upon request. All bids must be accompanied by certified check of 20 per cent of the amount of the bid.

D. R. JONES.
Secretary Board of Education. (*)

VISALIA, Cal.—It has been officially announced by the Board of Supervisors of Tulare County, that a vote of the taxpayers will be taken in the near future, the outcome of which will disclose their attitude on a proposal to build a system of 200 miles of concrete highways in the county, the cost of which will be raised by direct tax.

AUBURN, Placer Co., Cal.—The Mt. Pleasant Farm Bureau Unit, Mt. Pleasant, has decided to build a community Hall. Mrs. J. Whitacre has deeded a site to the organization. Special prices on lumber have been obtained at Lincoln.. The building will be 46 by 75 feet and will have two wings each 14 by 16 feet. The Applegate and Colfax centers are also planning to build halls.

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Fifth & Brannan Sts. San Francisco.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

RESIDENCE—1 story and base, frame, $[illegible] San Francisco. Architect, [illegible] owner, W. A. Weber, 2503 Clement street, S. F. Location, north Cabrillo west [illegible] Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $6,500. San Francisco. Architect, Charles Edward Hodges, Bankers' Investment Bldg., S. F. Owner, George Kennedy. Location, St. Francis Woods. Will contain eight rooms, two baths and sleeping porch. Plans complete and figures being taken.

RESIDENCES—2 2-story and base, frame, $3,000 each. San Francisco. Architect, none. Owners, Nelson Bros., 493 7th avenue, S. F. Location, east 40th avenue south Clement. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE—1½ story and base, frame, $4,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, southeast Pico and Urbano Drives. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 3 story and base, frame, $10,000. San Francisco. Architect, Ida F. McCain, 660 Market street, S. F. Owner, Ernest H. Dettner, 523 Pine street, S. F. Location, southeast Congress and Masonic avenue. Will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—4 story and base. Class C construction, $40,000. San Francisco. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, Dr. Cylde S. Payne. Location, west Polk 60 feet south Hayes, covering an area of 60 by 90 feet. Will contain thirty-one suites of two rooms each. Plans complete and segregated figures being taken.

APARTMENT HOUSE ALTERATIONS—3 story, frame, $2,500. San Francisco. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owner, Dr. O. W. Jones. Location, 1528 Jackson street. Work will consist of altering the present three-story frame flat building into modern apartments. Work will include painting, plumbing, electric work and interior finish. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $[illegible] Architect, Frank S. Gould, Call-Post Bldg., S. F. Owner's name withheld. Location, Grove and Fillmore streets. Will contain stores on the first floor and a number of two-room apartments above. Plans complete and figures being taken.

APARTMENT HOUSE—[illegible] and base. Class C construction, $11,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, J. Forest Wyman. Location, east Hyde north Eddy, covering an area of 25 by 72½ feet. Will contain eleven apartments of two and three rooms. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, Dr. Edith Hammond Williams, 41 5th avenue, S. F. Location, south California east Gough, covering an area of 32½ by 137½ feet. Will contain residential apartments of five and six rooms. Plans in the hands of the owner and work to be done by Day Labor.

FLATS AND STORE—3 story and base, frame, $7,500. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name not given. Location, Oakdale and Phelps streets. Will contain one store and three flats of four rooms each. Plans complete and figugres to be taken at once.

FLATS AND STORE—2 story and base, frame, $5,000. San Francisco. Architect, D. C. Coleman, Clunie Bldg., S. F. Owner, L. Frankenstein, 2880 16th street, S. F. Location, east Shotwell north 15th street, covering an area of 25 by 50 feet. Will contain one store and two flats. Plans complete and figures to be taken at once.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, Arthur G. Schultz, Phelan Bldg., S. F. Owner, Henry A. Lehfeldt. Location, west 25th avenue south California, covering an area of 25 by 51 feet. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

FACTORY AND OFFICE ALTERATIONS—2 story, brick. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, General Machinery Co. Location, Ecker street between Stevenson and Mission. Work will consist of brick and structural steel work, carpentry and electric work. Plans complete and figures being taken.

CLEANING AND DYING WORKS—[illegible] story and base. Class C construction, $15,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owners, Berlin Cleaning and Dying Works. Location, southwest Fillmore and Chestnut streets. Will contain plant and store. Plans complete and figures being taken.

FLATS—2 story and base, frame, $6,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, G. B. Delucci. Location, south Union east Taylor. Will contain two modern flats of five rooms and bath. Plans complete and ready for figures next week.

FLATS—2 story and base, brick, $8,000. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, A. L. O'Brien. Location, east Leavenworth street between Post and Geary. Will contain two six-room flats. Plans complete and segregated bids [illegible]

FLATS—2 story and base, frame, $2,000. San Francisco. Architect, E. Reichel, 2448 3rd avenue, S. F. Owner, O. Z. Sutton, 2448 3rd avenue, S. F. Location, west Railroad avenue south Paul. Will contain a store on the first floor and a six-room flat above. Plans complete and work to be done by Day Labor.

FLATS—3 story and base, frame, $6,500. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Cadematori. Location, east Taylor south Union. Will contain three flats of three and four rooms, bath and basement garage. Plans complete and figures being taken.

FLATS—2 story and base, frame, $4,000. San Francisco. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. Location, east 3rd avenue north Irving. Will contain two flats of five and six rooms, bath and basement garage. Plans complete and work to be done by Day Labor..

LIBRARY—2 story and base, brick and steel, $45,000. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. Location, 18th avenue and Irving street. Will contain two reading rooms, assembly hall and offices. Plans complete and figures being taken. Bids open on February 14th at 12 noon.

STORES—1 story and base. Class C onstruction. Cost not stated. San Francisco. Architect, Mathew O'Brien, Foxcroft Bldg., S. F. Owners, Skelley Estate. Location, east Van Ness avenue north Turk. Will contain several stores. Plans complete and figures being taken.

STORES—1 story and base. Class C construction, $10,000. San Francisco. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owners, Sunset Realty Co. Location, Church street near Market. Will contain six stores. Plans complete and figures being taken.

Contract Awarded.

WHARF SHED—Steel and timber, $104,600. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Contractors, Clinton Construction Co., S. F. Contract price, $104,600.

STREET IMPROVEMENT—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. A contract for street improvement has been awarded by the Board of Public Works as follows. The improvement of Leland avenue, between San Bruno avenue and Rutland street, by the construction of concrete curbs, artificial stone sidewalks, brick catchbasins with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed ironstone pipe culverts, and by the struction of an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to M. A. Greely, 30th avenue and Anza street, S. F., for $12,009.45.

FACTORY AND WAREHOUSE — 1 story and base, reinforced concrete.

$15,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, H. N. Cook Belting Co. Contractors, Barrett & Hilp, Sharon Bldg., S. F. Contract price, $15,000. Note: Subfigures are being taken.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
252	Bjorkman	Holmgren	150
253	Doherty	Nelson	3900
254	Pac Box Factory	Pattinson	1000
255	Easton	Alva	3400
256	Jewelers Bldg	Robinson	7650
257	S F Base Ball Club	Cowley	50000
258	Y M H Ass'n	Barrett	20000
259	Demaestri	Ratto	1500
260	Vaysse	Ponsero	400
261	Murray	Rednall	500
262	Hall	Hall	3900
263	Moeller	Dunn	2100
264	Peters	Crsty	2800
265	Newell	Higginson	9845
266	Gantner	Meek	6890
267	Bothin	Bothin	1000
268	Krogh	Krogh	5000
269	Blasse	Blasse	100
270	Parma	Deluce	106
271	Wilson	Wilson	1000
272	Miller	Miller	2700
273	N Y & S F Amuse.	Grace	1688
274	Pac Union	Palmer	10047
275	Costello	Devencenzi	5000
276	Steinbach	Johnson	1000
277	Same	Same	1000
278	Same	Same	1000
279	Same	Same	1000
280	McCarry	Pearson	600
281	Mueller	Gardner	400
282	Loustau	Loustau	400
283	Walsh	Lorenzen	400
284	Urban	Urban	4000
285	Rossier	Nilsson	700
286	Nelson	Nelson	2900
287	Gibbs	Gibbs	2000
288	Reinhart	Higginson	6850
289	Evers	Kerr	9785
290	Gillig	Barrett	20868
291	Spirgola	Devencenzi	500
292	Heyman	Heyman	1900
293	Kunz	Kopersky	550
294	Wyman	Wyman	1400
295	Union Iron	Pac Rlg Mill	18812
296	Bkr's Invst	Cal Steel	- -
297	Same	Gladding	9415
298	Archbishop	Central Iron	1800
299	Cook	Barrett	13270
300	Sutton	Sutton	1800
301	Same	Same	2000
302	Ruhland	Coffey	800
303	Parish	Rusich	500
304	Carson	Ferguson	500
305	Loulouse	Nimmo	1000
306	Nelson	Nelson	2800
307	Same	Same	2800
308	Nordstrom	Nordstrom	3000

FRAME DWELLING

(252) S MUNICH 200 E Naple - One-story and basement frame dwelling.
Owner.....John Bjorkman, 11 - Seville San Francisco.
Architect ...None.
Contractor..V. Holmgren, 115 Seville, San Francisco.
COST $4[illegible]

FRAME DWELLING

(253) E FIFTEENTH AVE 121 N Balboa. Twe-story and basement frame dwelling.
Owner.....E. L. Doherty, 50[illegible] Hobart Bldg., San Francisco.
Architect ...None.
Contractor..Nelson Bros., 194 7th Ave., San Francisco.
COST, $3900

FACTORY

(254) S BEACH 50 E Taylor. Reconstruct factory destroyed by [illegible]re.
Owner.....Pacific Box Factory, Beach and Taylor, San Francisco.
Engineer ...Phillip L. Bush, 120 Market, San Francisco.
Contractor..John Pattinson, Berkeley.
COST, $10,000

ALTERATIONS

(255) S MARKET 18 E Sixth. Install plaster partition, door, [illegible] plumbing, electric work etc., on first floor of building.
Owner.....Ansel M. Easton, Mills Bldg., San Francisco.
Architect ...Reid Bros., California Pacific Bldg., S. F.
Contractor..Stockholm & Allyn et al, Monadnock Bldg., S. F.
COST, $3000

ALTERATIONS

(256) NO. 150 POST. Take down and rebuild terra cotta partitions and build new steel partitions on 4th, 5th and 6th floors.
Owner.....Jewelers Bldg. Co., Prem.
Architect ...None.
Contractor..Robinson & Gillespie, 1051 Sutter, San Francisco.
COST, $7650

FRAME GRANDSTAND

(257) NW VALENCIA & FIFTEENTH Construct frame grandstand.
Owner.....S. F. Base Ball Club, Prem.
Architect ...None.
Contractor..E. T. Cowsley, 180 Jessie, San Francisco.
COST, $50,000

ALTERATIONS

(258) S HAIGHT 137½ W Octavia Alterations to frame building for club house.
Owner.....Young Men's Hebrew Association.
Architect ...G. A. Lansburgh, 709 Mission, San Francisco.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
COST, $20,000

FRAME SHOP

(259) W GOUGH 60 S Fulton. One story frame shop.
Owner.....G. Demaestri, 538 Gough San Francisco.
Architect ...None.
Contractor..A. Ratto, 232 Hartford, San Francisco.
COST, $1500

ALTERATIONS

(260) N[illegible] SIXTH. Minor alterations for hotel.
Owner.....Alex Vaysse, 117-19 4th Ave., San Francisco.
Architect ...None.
Contractor..John Ponsero, 3 Stark, San Francisco.
COST, $400

(261) NO. 2700 SCOTT. One-story concrete garage.
Owner.....H. Murray, Premises.
Architect ...None.
Contractor..W. W. Rednall, 2500 Filbert, San Francisco.
COST, $500

FRAME FLATS

(262) E THIRD AVE 85 N Irving Two-story and basement frame (2) flats.
Owner.....C. A. Hall, 1315 5th Ave San Francisco.
Architect ...None.
Day's work. COST, $3900

BUNGALOW

(263) W TWENTY SIXTH AVE [illegible] N Geary W 12[illegible] 11[illegible]9 NW [illegible] of 11[illegible] S 2[illegible] 0 [illegible] All work for one-story four-room bungalow

ALTERATIONS

(256) NO. 150 POST. Take down and rebuild terra cotta partitions and build new steel partitions on 4th, 5th and 6th floors.
Owner.....Jewelers Bldg. Co., Prem.
Architect ...None.
Contractor..Robinson & Gillespie, 1051 Sutter, San Francisco.
COST, $7650

FRAME GRANDSTAND

(257) NW VALENCIA & FIFTEENTH Construct frame grandstand.
Owner.....S. F. Base Ball Club, Prem.
Architect ...None.
Contractor..E. T. Cowsley, 180 Jessie, San Francisco.
COST, $50,000

ALTERATIONS

(258) S HAIGHT 137½ W Octavia Alterations to frame building for club house.
Owner.....Young Men's Hebrew Association.
Architect ...G. A. Lansburgh, 709 Mission, San Francisco.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
COST, $20,000

FRAME SHOP

(259) W GOUGH 60 S Fulton. One story frame shop.
Owner.....G. Demaestri, 538 Gough San Francisco.
Architect ...None.
Contractor..A. Ratto, 232 Hartford, San Francisco.
COST, $1500

ALTERATIONS

(260) N[illegible] SIXTH. Minor alterations for hotel.
Owner.....Alex Vaysse, 117-19 4th Ave., San Francisco.
Architect ...None.
Contractor..John Ponsero, 3 Stark, San Francisco.
COST, $400

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Architect ...None.
Day's work. COST, $3900

BUNGALOW

(263) W TWENTY SIXTH AVE [illegible] N Geary W 12[illegible] 11[illegible]9 NW [illegible] of 11[illegible] S 2[illegible] 0 [illegible] All work for one-story four-room bungalow

[illegible] Contractor Herbert [illegible] Ave., San Francisco.
Architect ...None.
Contractor..Herbert E. Dorn[illegible] Ave., San Francisco.
Filed Jan. 29, '17. Dated Jan. [illegible], '17.
Frame up [illegible] $[illegible]
Brown coated [illegible]
Completed [illegible]
Usual 35 days [illegible]
TOTAL COST, $[illegible]
Bond, none. Limit, 90 days. Forfeit, $[illegible] Plans and specifications filed.

FRAME RESIDENCE

(264) SE NAPLES [illegible] NE Ocean Ave. All work for one and one-half-story and basement six-room frame residence.
Owner.....August and Ida Peters, Naples, San Francisco.
Architect ...None.
Contractor..John Crsty, [illegible] Brazil Ave., San Francisco.
Filed Jan. 29, '17. Dated Jan. 29, '17.
Frame up and roof on.....$700
Brown coated [illegible] 700
Completed [illegible] 700
Usual 35 days [illegible] 700
TOTAL COST, $2800
Bond, none. Limit, 90 days. Forfeit, [illegible] Plans and specifications filed.

FRAME RESIDENCE

(265) LOTS 1 AND 2 BLK 6, Forest Hill. All work for two-story and basement frame residence.
Owner.....The Newell-Murdoch Realty Co., 30 Montgomery, San Francisco.
Architect ..Falch & Knoll, Hearst Bldg., San Francisco.
Contractor..Higginson Co., Inc., Humboldt Bank Bldg., S. F.
Filed Jan. 29, '17. Dated Jan. —, '17.
Frame up and roof boards on...$2462
Brown coated [illegible] 2462
Completed and accepted..... 2462
Usual 35 days [illegible] 2462
TOTAL COST, $9848
Bond, $4924. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, $5[illegible] Plans and specifications filed.

ALTERATIONS

(266) S MISSION bet Tenth and Eleventh. Office partitions, carpenter, painting, glazing, sheet metal work, flooring, plastering, marble and mosaic, mill work and ornamental iron, etc., for alterations and additions to building.
Owner.....Gantner & Mattier, Prem.
Architect ...Louis M. Upton, 111 Ellis, San Francisco.
Contractor..T. H. Meek, [illegible] Mission, San Francisco.
Filed Jan. 29, '17. Dated Jan. 29, '17.
On February 15th..... 75%
On completion [illegible]
Usual 35 days, balance.....$1722.50
TOTAL COST, $6890.00
Bond, none. Limit, Feb. 24, 1917. Forfeit, $25. Bonus, $25.[illegible] Plans and specifications filed.

CONCRETE STORE, ETC.

(267) SW HOWARD AVE [illegible] EIGHTH One-story and basement concrete store and shop.
Owner.....Estate Isaac Upton, [illegible] Mission St., San Francisco.
Architect ...[illegible] A. Schlage, 240 Sutter, San Francisco.
Day's work. Cost, $[illegible]

BRICK SHOP
(283) W BEALE 25 N Folsom. Two-story brick machine shop.
Owner.....Krogh Mfg. Co., 117-119 Beale, San Francisco.
Architect...F. W. Krogh, 2516 Sutter, San Francisco.
Day's work. COST, $5000

ALTERATIONS
(269) NOS. 250-252 MARKET. Cut opening in fire wall.
Owner.....Wm. F. Blasse, 249 Market, San Francisco.
Architect...None.
Day's work. COST, $400

FOUNDATION
(270) S UNION 17-6 E Taylor. Concrete foundations.
Owner.....M. Parma, 2123 Powell, San Francisco.
Architect...Paul F. Demartini, 2123 Powell, San Francisco.
Contractor..G. B. Delucci, 2 Sharp Pl., San Francisco.
COST, $400

ALTERATIONS
(271) NO. 218 SIXTH AVE. Alter flats into apartments.
Owner.....C. E. Wilson, 214 6th Ave., San Francisco.
Architect...None.
Day's work. COST, $1000

FRAME DWELLING
(272) N CABRILLO 71-6 W 19th Ave. One-story and basement frame dwlg.
Owner.....W. A. Miller, 2503 Clement, San Francisco.
Architect...None.
Day's work. COST, $2700

CONCRETE WORK
(273) S MARKET, bet. Fifth and Sixth. Concrete work, cutting steel work, plaster work, painting and decorating for supports for organ for Empress Theatre.
Owner.....New York and San Francisco Amusement Co., Prem.
Architect...J. R. Miller, Lick Bldg., San Francisco.
Contractor..Grace & Bernieri, 703 Market, San Francisco.
Filed Jan. 30, '17. Dated Jan. 29, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1688
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.
NOTE—1st report Jan. 29. No. 234.

ALTERATIONS
(274) BLK BDED BY CALIFORNIA, Sacramento, Mason and Taylor. All work for alterations and additions to service section.
Owner.....Pacific Union Club, Prem.
Architect...Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor..Palmer & Petersen, Monadnock Bldg., S. F.
Filed Jan. 30, '17. Dated Jan. 23, '17.
On or before 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $10,045
Bond, $5022.50. Surety, National Surety Co. Limit, March 15, 1917. Forfeit, $15. Plans and specifications filed.

FRAME APARTMENTS
(275) S GREEN 80 W Montgomery 25 x137-6. All work except foundations, gas and electric fixtures, window shades, and finish hardware for three story and basement frame apartments.
Owner.....P. Costello.
Designer..J. Devencenzi, 1069 Union, San Francisco.
Contractor..Devencenzi Bros., 1069 Union, San Francisco.
Filed Jan. 30, '17. Dated Nov. 1, '16.
Frame up..... $1250
Brown coated..... 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, $2500. Sureties, L. Pierano and Domenico Devencenzi. Limit, 90 days from Nov. 1, 1916. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE
(276) E REDDY 100 N Williams. One-story and basement frame cottage.
Owner.....H. Steinbach, 109 Davis, San Francisco.
Architect...None.
Contractor..Louis Johnson, 27 Richland Ave., San Francisco.
COST, $1000

FRAME COTTAGE
(277) E REDDY 125 N William. One-story and basement frame cottage.
Owner.....H. Steinbach, 109 Davis, San Francisco.
Architect...None.
Contractor..Louis Johnson, 27 Richland Ave., San Francisco.
COST, $1000

FRAME COTTAGE
(278) E REDDY 150 N Williams. One-story and basement frame cottage.
Owner.....H. Steinbach, 109 Davis, San Francisco.
Architect...None.
Contractor..Louis Johnson, 27 Richland Ave., San Francisco.
COST, $1000

FRAME COTTAGE
(279) E REDDY 175 N Williams. One-story and basement frame cottage.
Owner.....H. Steinbach, 109 Davis, San Francisco.
Architect...None.
Contractor..Louis Johnson, 27 Richland Ave., San Francisco.
COST, $1000

REPAIRS
(280) S DUNCAN 100 W Church. Raise and repair dwelling.
Owner.....John McCarry, 363 29th, San Francisco.
Architect...None.
Contractor..E. K. Pearson, 2372 Bryant San Francisco.
COST, $600

FRAME STABLE
(281) NO. 1264 TURK (rear). One-story frame stable.
Owner.....H. L. Mueller, Premises.
Architect...None.
Contractor..E. J. Gardner, 1280 Golden Gate Ave., San Francisco.
COST, $400

CEMENT FLOOR, ETC.
(282) N SACRAMENTO 137-6 E Locust. Cement floor, etc., for garage.
Owner.....L. Loustau, 3654 Sacramento, San Francisco.
Architect...Fabre & Bearwald, 625 Market, San Francisco.
Day's work. COST, $400

ALTERATIONS
(283) NOS. 67-69 WEBSTER. Minor alterations to flats.
Owner.....Wm. Walsh, 67 Webster, San Francisco.
Architect...C. S. McNally, 46 Kearny, San Francisco.
Contractor..W. T. Lorenzen, 156 Hermann, San Francisco.
COST, $400

FRAME DWELLING
(284) SE PICO AND URBANO DRIVE. One and one-half-story and basement frame dwelling.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., San Francisco.
Architect...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work. COST, $4000

ALTERATIONS
(285) W VALENCIA 200 S Twenty-third. Alter stable for garage.
Owner.....Chas. A. Rossier, 1755 Golden Gate Ave., S. F.
Architect...None.
Contractor..M. F. Nilsson, 355 Coleridge, San Francisco.
COST, $700

FRAME DWELLING
(286) E TWENTY-EIGHTH AVE 259 N Irving. Two-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect...None.
Day's work. COST, $2900

ALTERATIONS
(287) N GEARY 28-9 W Webster. Alter dwelling into (2) flats.
Owner.....J. Gibbs, 2505 California, San Francisco.
Architect...None.
Day's work. COST, $2000

FRAME STORE AND FLATS
(288) NW MISSION AND TWENTY-sixth N 25xW 117-6. All work except finish hardware, lighting fixtures, shades and wall paper for two-story and basement frame store and flats.
Owner.....Amson Reinhart.
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor..Higginson Co., Inc., Humboldt Bank Bldg., S. F.
Filed Jan. 31, '17. Dated Jan. 31, '17.
Frame up and roof boards on..$1712.50
Brown coated..... 1712.50
Completed and accepted..... 1712.50
Usual 35 days..... 1712.50
TOTAL COST, $6850.00
Bond, none. Limit, May 1, 1917. Forfeit, none. Plans and specifications filed.

RESIDENCE
(289) E SEVENTEENTH AVE 125 N Lake. All work for two-story and basement residence with garage.
Owner.....Frank H. Evers, Fife Bldg San Francisco.
Designer...A. Wagstaff, 234 23rd Ave., San Francisco.
Contractor..Kerr & McLean, 110 Jessie, San Francisco.
Filed Jan. 31, '17. Dated Jan. 26, '17.
On 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $9785
Bond, $4893. Surety, New Amsterdam Casualty Co. of N. Y. Limit, 90 days. Forfeit, $25. Plans and specifications filed.

(290) NE FRANKLIN AND POST E 82-6xN 120. All work except installation of elevators for three-story Class "C" shop building.
Owner.....Alma M. Gillig, 331 Grove, San Francisco.
Architect ...None.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Jan. 31, '17. Dated Jan. 31, '17.
2nd floor joists in and concrete poured to that level.....$156.82
3rd floor joists in and concrete poured to that level.....5000.00
Roof on and concrete poured to that level.....50000
Completed and accepted, balance of contract price less 25%.....
Usual 35 days..... 25%
TOTAL COST not to exceed $20,868,82
Bond, $10,435. Surety, Guardian Casualty & Guaranty Co. Limit, 120 days. Forfeit, $1. Plans and specifications, none.
NOTE:--Owner to pay cost of labor and material and 10% to contractor.

ALTERATIONS
(291) NO. 1323 KEARNY. Alterations and changes for flats.
Owner.....F. Spirgola, Premises.
Architect ...J. Devencenzi, 1069 Union San Francisco.
Contractor..Devencenzi Bros. & Co., 1069 Union, S. F.
COST, $500

FRAME DWELLING
(292) NW GLADYS 184 NE Appleton. One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $1900

ALTERATIONS
(293) NO. 2170 FOLSOM. Alter front.
Owner.....Nick Kunz, 222 San Carlos Ave., San Francisco.
Architect ...None.
Contractor..Stanley Kopersky.
COST, $550

CLASS "C" APARTMENTS
(294) E HYDE 87-6 N Eddy. Three-story and basement Class "C" (11) apartments.
Owner.....J. Forrest Wyman, 627 Taylor, San Francisco.
Architect ...C. O. Clausen, Hearst Bldg San Francisco.
Day's work. COST, $14,000

OFFICE BUILDING
(295) NE TWENTIETH & ILLINOIS (occupying ptn of yard Union Iron Works). Structural steel work for three-story and basement and sub-basement office building.
Owner.....Union Iron Works, 260 California, S. F.
Architect ...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..Pacific Rolling Mill Co., 17th and Mississippi, S. F.
Filed Feb. 1, '17. Dated Jan. 31, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $48,012
Bond, $23,006. Surety, California Casualty Co. Limit, 60 working days. Bonus, $500. Plans and specifications filed.

ADDITIONS
(296) SE GEARY AND GRANT AVE E 100 S 80 m or l SW 33 W 73 m or l N 100. All structural steel work for additional stories to building known as Magnin Building.
Owner.....Bankers' Investment Co., Bankers' Invst. Bldg., S. F.
Architect...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..California Steel Co., Humboldt Bank Bldg., S. F.
Filed Feb. 1, '17. Dated Jan. 30, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $108 per ton
Bond, $9000. Surety, New Amsterdam Casualty Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(297) ENAMELED ARCHITECTURAL terra cotta work on above.
Contractor..Gladding, McBean Co., Crocker Bldg., S. F.
Filed Feb. 1, '17. Dated Jan. —, '17.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $9415
Bond, $4707. Sureties, P. McG. McBean and Elizabeth Chambers. Limits, as required. Forfeit, none. Plans and specifications filed.

STEEL WORK
(298) SW SIXTEENTH AND DOLORES Steel ring and ribs for dome of Mission Dolores Church.
Owner.....The Roman Catholic Archbishop of S. F., 1100 Franklin, San Francisco.
Architect ...Frank T. Shea and Jno. O. Lofquist, 742 Market, S. F.
Contractor..Central Iron Works, 651 Florida, San Francisco.
Filed Feb. 1, '17. Dated Jan. 18, '17.
Completed and accepted.....$1350
Usual 35 days..... 450
TOTAL COST, $1800
Bond, $900. Sureties, Herman Natenstedt and Wm. A. Koch. Limit, 30 days. Forfeit, none. Plans and specifications filed.

CONCRETE BUILDING
(299) SW HOWARD AND FREMONT SW 45-10xSE 132-6. Excavating, clearing lot, concrete, basalt block tiling, iron and steel work, carpenter and mill work, glazing, galvanized iron, tin, hardware, lathing and plastering and composition roof for one-story and basement concrete brick building.
Owner.....H. N. Cook Belting Co., 317 Howard, S. F.
Architect ...Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor..Barrett & Hilp.
Filed Feb. 2, '17. Dated Jan. 31, '17.
On 1st of each month, 75%.....$9953
36 days, 25%..... 3317
TOTAL COST, $13,270
Bond, $6635. Surety, Fidelity & Deposit Co. of Maryland. Limit, May 1, 1917. Forfeit, $10. Plans and specifications filed.

FRAME DWELLING
(300) E CARR AVE 300 N Salinas. One and one-half-story and basement frame dwelling.
Owner.....C. Z. Sutton.
Architect...E. Reichel, 1227 Shafter Ave., San Francisco.
Day's work. COST, $1800

FRAME FLATS
(301) W RAILROAD AVE 125 S Paul. Two-story frame flat and store.
Owner.....C. Z. Sutton.
Architect...E. Reichel, 1227 Shafter Ave., San Francisco.
Day's work. COST, $2000

FRAME LOCKER
(302) NO. 3137 CLEMENT. One-story frame locker rooms.
Owner.....Carl Ruhland, 32nd Ave & Geary, San Francisco.
Architect ...None.
Contractor..W. Coffey, 337 31st Ave., San Francisco.
COST, $800

ALTERATIONS
(303) NO. 331 O'FARRELL. Alter for restaurant.
Owner.....Rudolph Parish, 786 O'Farrell, San Francisco.
Architect ...None.
Contractor..Kusich & Spiletak, 581 Valencia, San Francisco.
COST, $500

ALTERATIONS
(304) NO. 2806 VAN NESS AVE. Minor alterations for dwelling.
Owner.....Mrs. R. N. Carson, Prem.
Architect ...None.
Contractor..Ferguson & Son, 1739 Union, San Francisco.
COST, $500

REPAIRS
(305) NO. 409 SIXTH. Repair fire damage.
Owner.....Loulouse & Delorieux, 409 6th, San Francisco.
Architect ...None.
Contractor..Geo. Nimmo, 634 Clay, S. F.
COST, $900

FRAME RESIDENCE
(306) E FORTIETH AVE 250 S Clement. One-story and basement frame residence.
Owner.....Nelson Bros., 493 7th ve.,
Architect ...None.
Day's work. COST, $2800

FRAME RESIDENCE
(307) E FORTIETH AVE 130 S Clement. One-story and basement frame residence.
Owner.....Nelson Bros., 493 7th ve.,
Architect ...None.
Day's work. COST, $2800

FRAME DWELLING
(308) W NINTEENTH AVE 30 N Cabrillo. Two-story and basement frame dwelling.
Owner.....David Nordstrom, 244 Kearny, San Francisco.
Architect ...None.
Day's work. COST, $3000

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED
Jan. 26, 1917—SE JACKSON AND Baker. Ella Walterstein to J Koschuitzki.....Jan 23, 1917
Jan. 26, 1917- E TWENTY-FIRST Ave 200 N Balboa N 25x120. Sarah McMenamin to whom it may concern.....Jan 24, 1917
Jan 26, 1917 -W DOLORES 28 S 21st W 95xS 25. Hugh and Catherine Reilly to E A Carlson..Jan. 25, 1917
Jan. 29, 1917—LOT 34 and E ½ Lot 33 Blk 23 Crocker Amazon Tract. Clarence D Bevier to whom it may concern.....Jan 24, 1917
Jan. 29, 1917—N SUTTER 137-6 W Mason. C T Ryland to Central Elec Co.....Jan 29, 1917

Jan 29 1917 SE ELEAT AVE and 21st Pond Mohr Co vs Clinton Co of Cal to foreclose Mech Works Jan 29 1917

Jan 29, 1917 SE EDDY & FRANKlin E 57-6xS 120 Ellen M Jackson, Elizabeth G and John L Marks to H Mandrell Jan 29, 1917

Jan 29 1917 E THIRTY-FOURTH Ave 200 S Lincoln W 100 S 25 NE 120 Lloyd A Swett to Comm of Mech Liens Jan 29 1917

Jan 29 1917 NE LAUREL Ave SE Harper St 75xNE 100 Oak St Tract Frank Proctor to Wm Davies Jan 1 1917

Jan 29 1917 S REVERE AVE W Lane Ave 100 Scott Scott Jan 29 1917

Jan 29, 1917 E Gough 137-6 N Sacramento N 137-6 Peter Vrooman to Leigh & Schultz..... Jan 29, 1917

Jan 30, 1917 SAN JOSE AVE bet Ocean Ave and Santa Ynez Lot 5 Blk 28 West End Map No 1 on San Jose Ave bet Santa Ynez and Ocean Ave: Nos. 2015-17-19-21 San Jose Ave. W T Worthington to A F Ponder Jan. 29, 1917

Jan. 30, 1917—E KEARNY 91-8 S Union 25x103-1½ Giuseppe Colio to F C Amoroso Jan 29, 1917

Jan. 30, 1917—SE EDDY & FRANKlin E 57-6xS 120 Ellen M Jackson, Elizabeth G and John L Marks to H Mandrell. Jan. 24, 1917

Jan 30, 1917 SW NINTH 25-6 SE Harrison SE 62-6xSW 185. M A McLaughlin to Farrell & Reed..... Jan. 30, 1917

Jan 31, 1917 COMC AT PT LN LOT 3 Blk 2126, Forest Hill Court dist 18.177 SE from NE line Lot 3 which pt is 13.34 SE from NW line Lot 3 NW 6.67 SW to NE Pacheco SE to int of line parallel with NW bdy line Lot 3 SW from beg NE to beg ptn Lots 2 and 3 Blk 2126. William H Kiler to whom it may concern.. .....Jan. 31, 1917

Jan. 31, 1917—S PACHECO 42-6 E fm NW Cor Lot 5 Blk 2128, Forest Hill Court SW along line drawn from a point of beg through the pt formed by int of N bdy line Lot 6 Blk 2128 and E line Lot 6 to a pt in Lot 6 dist 87-6 N Alton Ave W to W bdy line Lot 6 NE to S Pacheco E 42-6 Ptn Lots 5 and 6 in Blk 2128 Forest Hill Court. William H Kiler to Conservative Bldg & Invst Co.... .....Jan. 31, 1917

Jan. 31, 1917—E SIXTH AVE 225 S Harrison S 50x160. J E Higgins Lumber Co to McSheehy Bros..... .....Jan. 23, 1917

Jan. 31, 1917—SW BALBOA AND Forty-second Ave W 82-6xS 25. Thos Hamill to whom it may concern ..... Jan. 31, 1917

Jan. 31, 1917—W LEAVENWORTH 77-10 N Sutter N 37-6xW 90-6. Anton Rulfs to whom it may concern.....Jan. 22, 1917

Jan. 31, 1917—NE PINE & FRANKlin N 137-6xE 137-6. L A Myers to Dillon Teaming Co....Jan. 27, 1917

Jan. 31, 1917—W COMMONWEALTH Ave 596-8 N Euclid Ave N 30xW 95. Eileen A Connolly to Geo A Connolly.....Jan. 22, 1917

Feb. 1, 1917—NE COLUMBUS AVE & Vallejo E 77-8½xN 137-6. The Roman Catholic Archbishop of S F to Masow & Morrison..... ..... Jan 26, 1917

Feb 1, 1917 E SEVENTEENTH AVE 150 N Balboa N 75xE 120 Michael Costello and Bryan Feerick to whom it may concern....Feb. 1, 1917

Feb. 1, 1917—BLK BDED BY ST. Mary's Ave, Marsilly and Bosworth. The Roman Catholic Archbishop of S F to Wm M Reedy Jan 30, 19

Feb. 1, 1917—S **SECOND** 25 W York W along **23rd** 75xS 104. Ferro Bros to A De Benedetti. Jan. 31, 1917

Feb. 1, 1917—W TWENTY-FOURTH Ave 259-8 S Anza S 25xW 120. Annie M Reed to Stuart S Reed. ..... Jan 31, 1917

Feb. 2, 1917—S GOLDEN GATE AVE bet Octavia and Laguna No. 925 Golden Gate Ave. A L Luchsinger to Cameron & Disston..Jan.. 25, 1917

Feb. 2, 1917—LOT 23 BLK 14, Crocker Amazon Tract. Wm T and Beryl Bonsor to Wm G McDiarmid..... .....Jan. 10, 1917

Feb. 2, 1917—S PINE 182-6 W Sansome 40x137-6. Mills Estate Inc to R De Luca.....Feb. 2, 1917

Feb. 2, 1917—NE FIRST 137-6 SE Market SE 68-9xNE 137-6. Clinton Constr Co of California and Regents of the University of California to Sibley Grading & Teaming Co.....Feb. 2, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED	AMOUNT
Jan. 27, 1917 N EIGHTEENTH 100 W Kentucky W 25xN 100 Daniel Watson vs C Rois and Maurice Rosendorn	..$22.37
Jan 27, 1917 S TWENTY-NINTH 180 E Sanchez E 37-6xS 114 Wilson Bros & Co vs Olaf Casperson, A N Anderson and C A McLean	$ ..
Jan. 27, 1917—N EIGHTEENTH 100 W Kentucky W 25xN 100 F J Bertrand vs C Rois and Maurice Rosendorn	$75.50
Jan. 27, 1917— S TWENTY-NINTH 180 E Sanchez E 37-6xS 114. Thos H Price vs A R Anderson and C O Casperson	$2..
Jan. 27, 1917 S TWENTY-NINTH 180 E Sanchez E 37-6xS 114. C C W Haun vs Olaf Casperson and A N Anderson	$33
Jan. 29, 1917—E JULIAN AVE 155 S 15th S 30xE 84. Christensen Lumber Co vs Marie Metter and Emil Ichters	$357.64
Jan. 30, 1917—NE WASHINGTON & Cherry E 40xN 119-6. Inlaid Floor Co vs Hardwood Interior Co and Sarah F Bennett	$71.19
Jan. 31, 1917—E SEVENTH AVE 175 N Balboa N 25xE 120. Charles A Alsop or A Alsop vs H Rosenzweig	$812.50
Jan. 31, 1917—SW CALIFORNIA & Drumm W 46-11 S 94-4 NE 57-10⅝ N 60. Jas E Lennon Lime & Cement Co vs Ellen A Fife and Lange & Bergstrom	$201.30
Feb. 2, 1917—E JULIAN AVE 155 S 15th S 30xE 84. Andrew and John Kitchen (as Kitchen & Son) vs Marie Metter and Emil Echters...	$357.50
Feb. 2, 1917—S CLEMENT 55 W 15th Ave 25xS 104. Mangrum & Otter, Inc vs A Melandes	$5.50

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 1 story and base, frame, $2,000. Albany, Alameda Co., Cal. Architect, none. Owner, A. S. Nickerson, Albany. Location, west Adam north Main. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, H. A. Pleitner, 954 Fruitvale avenue, Oakland. Location, northeast Lincoln and Damuth. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,200. Oakland, Cal. Architects, J. C. and M. L. Newsom, 1748 Broadway, Oakland. Owner, A. F. Werum. Location, 35th avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, J. A. Reid, 1510 Ashby street, Berkeley. Location, south Ashby east Sacramento. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,000. Oakland, Cal. Construction Manager Frederick H. Whitton, 21 Kearny street, S. F. Owners, Wickham-Havens Co. Location, north Wala Vista west Arimo. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Albany, Alameda Co., Cal. Architect, none. Owner, C. J. Pfrang, 5487 Claremont avenue, Oakland. Location, west Peralta south Solano. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $9,000. Piedmont, Alameda Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Robert Newman. Will contain eight rooms, two baths and sleeping porches. Separate garage. Plans revised and new figures being taken.

RESIDENCE — 2 story and base, frame, $12,000. Oakland, Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Henry Hahn. Location, Crocker Highlands. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans complete and segregated figures being taken.

RESIDENCE — 2 story and base, frame, $10,000. Berkeley, Alameda Co., Cal. Architects, Morrow & Garren, Chronicle Bldg., S. F. Owner's name withheld. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans complete and figures being taken.

RESIDENCE — 1 story and base, frame, $2,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Hans A. Hansson, 2211 Ellsworth street, Berkeley. Location, south Prince west Dana. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, $4,000 each. Berkeley, Alameda Co., Cal. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owner, Will-

and A. Hale. Each house will contain seven rooms, bath and sleeping porch. Separate garages. Plans being prepared.

RESIDENCE — 2 story and base, frame, $12,000. Berkeley, Alameda Co., Cal. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owner, John F. Forbes. Location, Claremont Park. Will contain ten rooms, three baths and separate garage. Plans being prepared.

APARTMENT HOUSE 3 story and base, frame, $15,000. Oakland, Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, F. T. Turner. Location, 9th avenue and East 18th street. Will contain fifteen suites of two, three and four rooms. Plans being prepared.

APARTMENT HOUSE 3 story and base, frame, $10,000. Oakland, Cal. Architect, none. Owner, C. M. McGregor, 470 13th street, Oakland. Location not given. Will contain nine apartments of three and four rooms. Plans being prepared.

APARTMENT HOUSE 2 story and base, frame, $10,000. Oakland, Cal. Architects, J. C. and M. L. Newsom, 1748 Broadway, Oakland. Owner, J. F. Whalen. Location, north 41st west Webster. Will contain sixteen suites of two rooms and bath each. Plans complete and work to be done by Day Labor.

COLLEGE DORMITORY—2 or 3 story brick or frame. Cost not stated. Oakland, Cal. Architect, none. Owners, Mills College. An architect will be selected within the next few days to prepare plans for a new dormitory building to be erected at Mills College in East Oakland. The president of the institution states that the building will probably be a two story structure but may be carried up another story. The type of construction and other details cannot be given out until next week.

STORES—1 story and base, brick. Cost not stated. Oakland, Cal. Architect, M. I. Diggs, 1529 Telegraph avenue, Berkeley. Owner, W. J. Schmidt. Location, south 7th street east Broadway. Will contain eight modern stores. Plans complete and figures being taken.

STORES—1 story and base, concrete and frame, $6,000. Oakland, Cal. Architect, M. I. Diggs, 1529 Telegraph avenue, Berkeley. Owners, Marshall & Diggs. Location, northwest Shafter avenue and College. Will contain one large store. Plans complete and work to be done by Day Labor.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
218	Fowles	Schneby	3500
219	Gorham	Stewart	700
220	Schmidt	Anderson	500
221	Hunt	Nelson	800
222	Gee Sang	Walker	1500
223	Kohl	Northrup	400
224	Whalen	Whalen	7500
227	Havens	Whitton	3800
228	Mortensen	Miller	190
229	Bond	Woods	500
240	Hassler	Johnson	4716
241	Shredded Wheat	Stobbe	1000
242	Lorimer	Griffin	1500
243	Pleitner	Pleitner	2500
244	Hutchinson	Owner	500
245	Ford	Asmus	100
246	Marshall	Diggs	6000
247	Nickerson	Nickerson	5000
248	Pfrang	Pfrang	250
249	Thompson	Thompson	800
251	Price	Murdock	400
252	Shulte	Blake	6500
253	Tandrome	Granger	1900

[illegible] | [illegible] | [illegible]
[illegible] | [illegible] | [illegible]
[illegible] | [illegible] | [illegible]
[illegible] | [illegible] | [illegible]
[illegible] | [illegible] | [illegible]
[illegible] | [illegible] | [illegible]
[illegible] | [illegible] | [illegible]

REPAIRS
(218) NW TWENTY-FIRST AND Broadway, Oakland. Fire repairs to two-story store and apartments.
Owner . . P. E. Fowles, Premises, c/o McAdam, Oakland.
Architect . . None.
Contractor . . Schneby & Hostetter, 9th and Jackson, Oakland.
COST, $3500

ALTERATIONS
(220) NO. 240 LAKESIDE DRIVE, Oakland. Alterations.
Owner . . G. W. Gorham, Premises.
Architect . . . None.
Contractor . . Geo. W. Stewart.
COST, $700

ALTERATIONS
(220) SE SEVENTH AND BROADway, Oakland. Alterations.
Owner . . . . . W. J. Schmidt, Premises.
Architect . . . None.
Contractor . . John Anderson.
COST, $500

ALTERATIONS
(221) NW SECOND AND WEBSTER, Oakland. Alterations.
Owner . . . . . Hunt Hatch Co., Premises.
Architect . . . None.
Contractor . . H. P. Nelson, 2241 Grove, Berkeley.
COST, $800

ALTERATIONS
(222) NO. 433 NINTH, Oakland. Alter brick market.
Owner . . . . . Gee Sang Co., Premises.
Architect . . . None.
Contractor . . F. G. Walker, 566 Fourth, Oakland.
COST, $1500

ALTERATIONS
(223) NO. 1434 NINETY-SECOND AVE Oakland. Alterations.
Owner . . John Kahl, Premises.
Architect . . . None.
Contractor . . Geo. K. Northrup, 1824 90th Ave., Oakland.
COST, $400

APARTMENTS
(224) N FORTY-FIRST 140 W Webster, Oakland. Two-story 16-room apartments.
Owner . . . . . J. F. Whalen, 1748 Broadway, Oakland.
Architect . . . J. C. and M. L. Newsom, 1748 Broadway, Oakland.
Day's work. COST, $7500

DWELLING
(227) N WALA VISTA 280 W Arimo, Oakland. One-story 5-room dwlg.
Owner . . . . . Wickham Havens, Inc., 1308 Broadway, Oakland.
Architect . . . Irving Strigham, 251 Kearny, San Francisco.
Contractor . . Frederick Whitton, 251 Kearny, San Francisco.
COST, $3800

DWELLING
(228) E HIGHLAND AVE 200 S 27th, Oakland. One-story five-room dwelling.

[illegible]
Architect . . . None.
Contractor . . August Miller, 2562 E-27th Oakland.
COST $[illegible]

DWELLING
(229) E FOURTEENTH AVE [illegible] Hampel, Oakland. One-story six-reem dwelling.
Owner . . Mrs. Lulu Bond, 1963 Carleton, Berkeley.
Architect . . None.
Contractor . . Woolley & Rich, 420 Lusk Oakland.
COST, $2500

(240) SW ARROYO & MONTECELLO Aves W 125xS 45, Piedmont. All work except plumbing fixtures, sheet metal work, shades, fixtures and furnace for two-story frame dwelling and garage.
Owner . . . . John F. and Marjorie Hassler.
Architect . . . A. W. Smith, 1010 Broadway, Oakland.
Contractor . . Louis Johnson, 223 Greenbank Ave., Piedmont.
Filed Jan. 3rd, '17. Dated Jan. 26, '17.
Frame up . . . . . ¼
Brown coated . . . . . ¼
Completed and accepted . . . . . ¼
Usual 35 days . . . . . ¼
TOTAL COST, $4716
Bond, $2358. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SHIPPING PLATFORM
(241) BLOCK LAND BDED BY 12th, 14th, Union and Poplar, Oakland. All work for steel frame, foundations, drilling of concrete, bolting, riviting, painting, etc., for cover to shipping platform.
Owner . . . . . Pacific Coast Shredded Wheat Co., Oakland.
Architect . . . None.
Contractor . . Stobbe & Romak, 374 4th, Oakland.
Filed Jan. 31, '17. Dated Jan. 10, '17.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1000
Bond, none. Limit, 25 days after Jan. 8. Forfeit, $10. Plans and specifications filed.

(242) N HAMPEL 500 E Randolph Ave., Oakland. One-story six-room dwelling.
Owner . . . . . W. Lorimer, 1817 9th Ave., Oakland.
Architect . . . None.
Contractor . . C. M. Griffin, 746 5th Ave., Oakland.
COST, $[illegible]

DWELLING
(243) NE LINCOLN AVE & DAMUTH, Oakland. One-story 5-room dwlg.
Owner . . H. A. Pleitner, 674 Fruitvale Ave., Oakland.
Architect . . . None.
Day's work COST $[illegible]

CONCRETE GARAGE
(244) W SANTA CLARA AVE 90 S Jean, Oakland. One-story concrete garage.
Owner . . [illegible] Oakland.
Architect . . . None.
Day's work. COST $[illegible]

GARAGE
(244) NO. 5861 OCEAN VIEW DRIVE, Oakland. Garage.
Owner.....E. D. Ford, Premises.
Architect...None.
Contractor...L. A. [illegible] 60th, Okd.
COST, $400

STORES
(246) NW SHAFTER AND COLLEGE Aves., Oakland. One-story 6-room stores.
Owner.....Marshall & Diggs.
Architect...M. I. Diggs, 1529 Broadway, Oakland.
Day's work. COST, $6000

DWELLING
(247) W ADAMS 200 N Main, Albany. One-story 5-room dwelling.
Owner.....A. S. Nickerson, Albany.
Architect...None.
Day's work. COST, $2000

DWELLING
(248) W PERALTA 200 S Solano, Albany. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, $2500

DWELLING
(249) COR. MAIN AND ADAMS, Albany. One-story 5-room dwelling.
Owner.....Geo. F. Thompson, Prem.
Architect...None.
Day's work. COST, $800

TANK FRAME
(251) NE FOOTHILL BLVD AND 73rd Ave., Oakland. Tank frame.
Owner.....G. W. Price, 4179 Opal, Oakland.
Architect...None.
Contractor..L. W. Murdock, 1310 Webster, Oakland.
COST, $400

(252) E GOLDEN GATE AVE 500 N Cross Roads, Oakland. Two-story 12-room dwelling.
Owner.....A. F. Shulte, 1951 E-30th, Oakland.
Architect...None.
Contractor..Blake Bros. Co., Oakland Bank of Svgs. Bldg., Okd.
COST, $6500

DWELLING
(253) N HEMPHILL COURT 100 E Desmond, Oakland. One-story 5-room dwelling.
Owner.....J. H. Tandrone, 721 16th, Oakland.
Architect...None.
Contractor..I. L. Grainger, 1515 Monterey Ave., Berkeley.
COST, $1900

BRICK GARAGE
(254) S SEVENTH 75 E Peralta, Oakland. One-story brick garage.
Owner.....G. Nor, 7th and Peralta, Oakland.
Architect...Chester H. Miller, 1st Trust Bldg., Oakland.
Contractor..S. McPherson, 2126 Woolsey, Oakland.
COST, $4000

ALTERATIONS
(258) NE ELEVENTH & WASHINGton, Oakland. Alterations.
Owner.....Bacon & Soule, Bacon Bldg., Oakland.
Architect...None.
Day's work. COST, $400

FRAME DWELLING
(260) E FIFTY-FOURTH AVE 400 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect...None.
Day's work. COST, $1500

FRAME DWELLING
(261) E FIFTY-FOURTH AVE 365 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect...None.
Day's work. COST, $1500

FRAME DWELLING
(262) E FIFTY-FOURTH AVE 325 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect...None.
Day's work. COST, $1500

FRAME DWELLING
(263) W FIFTY-FOURTH AVE 360 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect...None.
Day's work. COST, $1500

FRAME DWELLING
(264) W FIFTY-FOURTH AVE 325 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect...None.
Day's work. COST, $1500

FRAME DWELLING
(265) W FIFTY-FOURTH AVE 290 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect...None.
Day's work. COST, $1500

(266) E MIDVALE 44 S California, Oakland. One-story 4-room dwlg.
Owner.....B. Rasmusson, 3806 Midvale Ave., Oakland.
Architect...None.
Contractor..J. B. Clifford, 3847 35th Ave., Oakland.
COST, $1400

DWELLING AND GARAGE
(267) LOCATION NOT GIVEN. All work for two-story 8-room dwelling and garage.
Owner.....Adella E. McBride, Bkly.
Architect...None.
Contractor..John A. Bischoff, 6045 Harwood Ave., Oakland.
Filed Feb. 3, '17. Dated Feb. 3, '17.
30 days after begun.....$100
60 days after begun..... 100
90 days after begun..... 100
Usual 35 days.....Balance
TOTAL COST, 10% of Cost
Bond, none. Limit, as soon as possible. Forfeit, none. Plans only filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
215	Hansson,	....Hansson	2500
[illegible]	Bkly Inv	..... Mason	4000
217	Grooms	...Larmer	2145
225	Burch	.....Boldt	400
226	Underwood	.....Kidder	500
236	Reid	.....Reid	1800
237	Cutter	.....Sattin	6500
238	Same	.....Same	10000
239	Same	.....Same	3500
250	Barber	.....Kollmer	800
255	Baker	.....Baker	1450
256	Cutter	.....Sattin	500
257	Sanderson	.....Owner	400
259	Butler	.....Allen	3000

DWELLING
(215) S PRINCE 54 W Dana, Berkeley. One-story 5-room dwelling.
Owner.....Hans A. Hansson, 2211 Ellsworth, Berkeley.
Architect...None.
Day's work. COST, $2500

DWELLING
(216) W SAN LUIS ROAD 570 N Indian Rock Ave., Berkeley. Two-story 8-room dwelling.
Owner.....Berkeley Development Co., Shattuck & Addison, Bkly.
Architect...None.
Contractor..Mason-McDuffie Co., Shattuck and Addison, Bkly.
COST, $4000

DWELLING
(217) N WOOLSEY 193 W Deakin, Berkeley. One-story 5-room dwelling.
Owner.....Fannie Grooms, 2150 Ashby Ave., Berkeley..
Architect...None.
Contractor..Edw. Larmer, 470 Boulevard Way, Oakland.
COST, $2145

ALTERATIONS
(225) NO. 1837 ARCH, Berkeley. Alterations.
Owner.....Albert Burch, Premises.
Architect...None.
Contractor..Wm. L. Boldt, 2610 Grove, Berkeley.
COST, $400

ALTERATIONS
(226) NO. 2112-A ADELINE, Berkeley Alterations.
Owner.....B. E. Underwood, 2041 Francisco, Berkeley.
Architect...None.
Contractor..H. C. Kidder.
COST, $500

DWELLING
(236) S ASHBY AVE 75 E Sacramento Berkeley. One-story 5-room dwlg.
Owner.....J. A. Reid, 1510 Ashby Ave., Berkeley.
Architect...None.
Day's work. COST, $1800

BARN
(237) FIFTH AND PARKER, Berkeley. One-story barn.
Owner.....The Cutter Laboratory, 6th and Grayson, Berkeley.
Architect...None.
Contractor..H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $6500

LABORATORY
(238) FIFTH AND PARKER, Berkeley. One-story laboratory.
Owner.....The Cutter Laboratory, 6th and Grayson, Berkeley.
Architect...None.
Contractor..H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $10,000

BARN
(239) FIFTH AND PARKER, Berkeley. One-story barn.

Owner.....The Cutter Laboratory, 6th and Grayson, Berkeley.
Architect ...None.
Contractor..H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $3500

REPAIRS
(250) NO. 2523 WEBSTER, Berkeley. Repairs.
Owner.....Oscar T. Barber, Prem.
Architect ...None.
Contractor..Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $800

DWELLING
(255) W MABEL 33 S Derby, Berkeley One-story 5-room dwelling.
Owner.....William J. Baker, 540 28th Oakland.
Architect ...None.
Day's work. COST, $1450

BARN
(256) SIXTH AND GRAYSON, Berkeley. One-story barn.
Owner.....The Cutter Laboratory, Premises.
Architect ...None.
Contractor..H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $500

BRICK GARAGE
(257) NO. 2222 CHAPEL, Berkeley. One-story brick garage.
Owner.....A. J. Sanderson, Premises.
Architect ...None.
Day's work. COST, $400

ADDITION
(259) NO. 2352 SHATTUCK AVE, Berkeley. One-story addition (brick) to garage.
Owner.....Butler-Veitch, Premises.
Architect...None.
Contractor..F. E. Allen, 2718 Regent, Berkeley.
COST, $3000

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
230	West End Bldg	Owner	1800
231	Skelly	Vollmar	100
232	Pond	Stewart	2000
233	Kearny	Stewart	2000
234	Davin	Noble	2100
235	Same	Same	2000

(230) NO. 1605 NINTH, Alameda. One-story 5-room dwelling.
Owner.....West End Bldg. Association, 1536 Webster, Ala.
Architect ...None.
Contractor..H. G. Mehrtens, 1536 Webster, Alameda.
COST, $1800

ALTERATIONS
(231) NO. 1008 CENTRAL AVE., Alameda. Alterations.
Owner.....J. S. Skelly, Premises.
Architect ...None.
Contractor..A. G. Vollmar, 2217 San Jose Ave., Alameda.
COST, $400

DWELLING
(232) NO. 3235 STERLING AVE., Alameda. One-story 5-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect ...None.
Contractor..G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(233) NO. 1350 FERNSIDE BLVD., Alameda. Two-story 5-room dwlg.
Owner.....J. G. Kearny, 1332 High, Alameda.
Architect ...None.
Contractor..G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

LAUNDRY
(234) CLEMENT 155 W Everett, Alameda.. One-story laundry.
Owner.....A. Davin, 2417 Clement Ave., Alameda.
Architect ...None.
Contractor..G. H. Noble, 2220 Central Ave., Alameda.
COST, $2100

DWELLING
(235) CLEMENT 115 W Everett, Alameda. One-story 5-room dwlg.
Owner.....A. Davin, 2417 Clement 2417 Clement Ave., Ala.
Architect ...None.
Contractor..G. H. Noble, 2220 Central Ave., Alameda.
COST, $2000

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Jan. 29, 1917 N THIRTEENTH 75 W Washington W 75xN100, Oakland. Wachs Realty Co as to improvements on leased property.....

OAKLAND AND ALAMEDA COUNTY.

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Jan. 26, 1917 LOT 9 BLK 27, Fairmont Park, Albany.. R M Blake to E W Woodward..Completed —
Jan. 26, 1917—NO. 2775 ORANGE AV about 550 N E-27 40x74, Oakland. Annie L Ayres to R B Ayres.....Jan. 10, 1917
Jan. 27, 1917—N FIFTY-FIRST near Telegraph Ave, Okd. Michael Murphy to C Texdahl.....Jan. 26, 1917
Jan. 29, 1917—SE TWENTY-FOURTH Ave 75 SW E-21st SW 37 6-12xE 104.66, Okd. William R Crummey to whom it may concern.Jan. 29, '17
Jan. 29, 1917—E PART LOTS 6 AND 7 Blk 3, Peralta Tract 54x90, Bkly. B A Dice to whom it may concern .....Jan. 27, 1917
Jan. 29, 1917—W MABEL 67 S Derby S 34xW 80, Bkly. William J Baker to whom it may concern.Jan. 27, 1917
Jan. 31, 1917—E MADISON 306.86 N 14th N 80.19 E 140, Okd. J Goldstein and Carrie F Weider to whom it may concern.....Jan. 31, 1917
Jan. 31, 1917—(a) N SECOND 75 E Franklin 100x——; (b) E Franklin bet. 2nd and 3rd 200x——; (c) W Franklin 25 S Fourth 50x——; (d) W Franklin 25 N Third 75x——; (e) W Franklin bet 2nd and 3rd 200x——; (f) N Second 75 W Franklin 50x——, Okd. The Fruit & Produce Realty Co, Inc to J P and C Christensen .....Jan. 26, 1917
Jan. 31, 1917—LOTS 42 AND 43 BLK 4 Map No. 7 Regents Park, Albany. Gustaf Bjurback to G E Ahl and Edw Anderson.....Jan. 30, 1917
Jan. 31, 1917—NE BAY PLACE AND Monticeto Ave, Okd. The Parish House Bldg Committee: Mrs Vernon Waldron, Mrs Robert H Colton and Mrs Harry East Miller of St Paul's Episcopal Church of Oakland to Mark W Anthony and Chas W Heyer Jr .. Jan. 31, 1917
Jan. 31, 1917—SE LYDIA AND MARKET N 100xE 75, Okd. L H Morse to Sommarstrom Bros Jan 31, 1917
Jan. 31, 1917—FIRST, bet. Broadway and Washington, Okd. Southern Pacific Co to Ransome-Crummey Co.....Jan. 29, 1917
Jan. 31, 1917—PTN LOTS 15 AND 16 Blk "P" Map Central Piedmont Tct No. 3, Piedmont. Dean Allen to whom it may concern..Jan. 30, 1917
Feb. 2, 1917—NW FIFTEENTH AND Clay W 100xN 103-9, Oakland. The Chas Jurgens Co to Powell Bros Constr Co.....Jan. 26, 1917
Feb. 2, 1917 NW SIXTEENTH AND West N 103-9xW 53-2¼, Okd.. Geo H Rand to Anderson & Horswill.....Feb. 2, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT
Jan. 27, 1917—E COLLEGE AVE 107.-395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. Sunset Hardware Co vs E A Schmidt.....$45.16
Jan. 29, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83; (2) E College Ave 53.70 N Lawton Ave N 75.695 W 39.83 S 50 W 59.43, Okd. A M Poulsen vs E A Schmidt.....$220
Jan. 29, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ave E 39.89 S 50 W 59.462 N 53.69; (2) E College Ave 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. Clarke & Gallagher vs E A Schmidt..$1200
Jan. 29, 1917—E COLLEGE AVE 107.-395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. S T Johnson Co vs E A Schmidt.....$275.20
Jan. 29, 1917—E COLLEGE AVE 107.-395 N Lawton ve N 59.915 E 59.07 S 53 W 29.83, Okd. James Cahill & Co, Inc vs Eugene A Schmidt.$108.60
Jan. 29, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83; (2) E College Ave 53.70 N Lawton Ave N 75.695 W 39.83 S 50 W 59.46, Okd. A W Pike & Co, Inc vs E A Schmidt.....$124.10
Jan. 29, 1917—E COLLEGE AVE 53.-673 N Lawton Ave N 53.672 E 39.03 S 50 W 59.04, Okd. J M Dale vs E A Schmidt $250
Jan. 29, 1917—E COLLEGE AVE 53.70 N Lawton Ave E 59.46 N 80 E 40 N 53 W 99.47 S 110.61, Okd. Sunset Lumber Co vs E A Schmidt....$17.65
Jan. 29, 1917—S THIRTEENTH 129 E Center E 29xS 119, Okd J M Dale vs Trostero D'Amte $95.80

SAN JOSE AND THE SANTA CLARA VALLEY.

SEWER CONSTRUCTION.—Cost not stated. San Bruno, San Mateo Co., Cal. Engineer, Town Engineer, San Bruno. Owners, Town of San Bruno. Bids will be opened on February 14th for sewer construction authorized under the following resolution: That El Camino Real be improved by the construction of a 6-inch, vitrified, ironstone pipe sewer in the east side thereof distant 2 feet west of the property line and running from the existing manhole in the center line of Euclid avenue north

[illegible] feet north of the south line of Parcel [illegible] together with two manholes one lamp hole, and [illegible] branches.

BULKHEAD ETC—Cost not stated. San Jose, Santa Clara Co. Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the last meeting of the County Supervisors, the County Engineer wos directed to prepare plans to construct the bulkhead at the mouth of the old Canoas bypass.

RESIDENCE — story and base, frame, $12,000. Palo Alto, Santa Clara Co., Cal. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owner, R. S. Eaton. Will contain ten rooms, four baths, sleeping porches and separate garage. Plans being prepared.

SCHOOL GROUP—8 1 and 2 story, reinforced concrete, $200,000. Palo Alto, Santa Clara Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Palo Alto School District. Bonds have just been voted for this work and working drawings are now being completed. The group of buildings will consist of eight reinforced concrete structures of from one to two stories. Further mention will be made of the work.

CHURCH—1 story and base, frame and plaster, $25,000. Redwood City, San Mateo Co., Cal. Architect, W. H. Toepke, 46 Kearny street, S. F. Owners, Congregational Church. Will contain main auditorium, Sunday school rooms, social hall and pastor's study. Plans being prepared.

PACKING PLANT 4. 1 story, brick and steel, $350,000. South San Francisco. Engineer, R. Von Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co. Each building will cover a large ground area and has been designed for a special use. Plans are nearly complete and work will be started within a month. Mr. Von Voorhies will have complete charge of all construction.

Contract Awarded.

HOSPITAL COTTAGE—1 story, concrete and frame, $18,937. Agnews, Santa Clara Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Monson Bros., 1907 Bryant street, S. F. Contract price, $18,937.

BUILDING CONTRACTS

SAN MATEO COUNTY.

PRIVATE ROAD
NEAR PORTOLA. All work for a private road.
Owner.....E. R. Dimond, 310 Sansome, San Francisco and Portola.
Engineer...David Bromfield, San Mateo.
Contractor..Thomas M. Flynn, Redwood City.
Filed Jan. 31, '17. Dated Jan. 26, '17.
As work progresses monthly payments of 75%
Usual 35 days..... 25%
TOTAL COST, $4600
Bond, $2300. Sureties, D. P. Flynn and C. Cullen. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

FRAME RESIDENCE
LOT 24 BLK "K," Hayward Park, San Mateo. All work for one-story frame residence.
Owner.....Geo. W. Kneass Jr. and Edith Kneass, 1801 Hayes, San Francisco.
Architect...Arthur G. Scholz.
Contractor..J. I. Thomas and David Clark.
Filed Jan. 18, '17. Dated Nov. 9, '16; Supplemental contract signed Jan. 11, 1917.
Roof and plumbing in.....$625
When completed 625
Usual 35 days..... 625
TOTAL COST, $1875
Bond, $937.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Jan. 16, 1917—LOT 9 Walker Partition Cambrian School District. C Joachims to Geo Lindblom. Jan. 16, 1917
Jan. 18, 1917—WHITE ROAD, Santa Clara Co. G Giannini to A Bonocchi .....Jan. 16, 1917
Jan. 20, 1917—FOREST AVE AND Bryant St., Palo Alto. Christian Science Church to Frank Graves & Son.....Jan. 19, 1917

LIENS FILED

SANTA CLARA COUNTY.

RECORDED AMOUNT
Jan. 17, 1917—LOT 18 BLK 6, East of Vestal's Sbdvn, San Jose. G E Lenzen vs Joe Cancilla.....$43.75
Jan. 19, 1917—LOT 4, Stevens vs Wiseman Partition. V Terranova vs G Gianinni.....$117
Jan. 22, 1917—LOT 1 Kimball Tract No. 2, San Jose. The John Stock Sons vs Roy D Lamb.....$164

RELEASE OF LIENS

SANTA CLARA COUNTY.

RECORDED AMOUNT
Jan. 22, 1917—LOTS 7, 11 & 12 BLK 8 Sbdvn Blks 8-9 Vestol Sbdvn, San Jose. Glenwood Lumber Co to J Mazziomoto $155.68

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BULKHEAD FILL—Cost as follows. Vallejo, Contra Costa Co., Cal. Engineers as follows. Owners, City of Vallejo. A board of engineers consisting of T. D. Kilkenny of Vallejo, M. H. Peck and F. H. Tibbetts, San Francisco, has presented a report to the City Council on the matter of harbor bulkhead and fill. Three projects are outlined all of which involve earth bulkhead and fill. The main difference in the projects outlined in the length of the bulkheads recommended. Work will cost from $1200 to $10,000.

SEWER EXTENSIONS — Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Assistant City Engineer H. Harrold is preparing plans for the proposed sewer system for a number of homes in this city. More than 1,000 feet of sewer will be laid. The Fourth street sewer will also be extended.

RESIDENCE — 2 story and ba. frame, $30,000. Mt. Diablo, Contr Costa Co., Cal. Architect, Chester H Miller, First Trust Bldg., Oaklan Owner's name withheld. Location, M Diablo Park. Will contain fiftee rooms, four baths and sleeping porche Separate garage and other out build ings. Plans complete and figures bein taken.

RESIDENCES—2, 2 story, fram $12,000. Napa, Napa Co., Cal. Arch tect, Alexander A. Cantin, Foxcro Bldg., S. F. Owner, C. M. Cole. Loca tion near Napa. One dwelling will con tain eight rooms, two baths and slee ing porch and the other four rooms an bath. Plans are being prepared an work will be let on a percentage basi

RESIDENCE — 1 story and bas frame, $4,000. Richmond, Contra Cost Co., Cal. Architect, John Hudso Thomas, First National Bank Bldg Berkeley. Owner, J. K. Adams. Wi contain six rooms, bath and sleepin porch. Plans being figured.

BRIDGES—5 reinforced concrete Cost not stated. Santa Rosa, Sonom Co., Cal. Engineer, County Surveyo Santa Rosa. Owners, Sonoma County Plans for five highway bridges to b constructed on the State highway be tween Petaluma and Santa Rosa ar being prepared by County Surveyo Malcolm Youker. The construction wi be either reinforced concrete, plain o ornamental. One bridge will be o steel truss construction.

SCHOOL—2 story and base, brick and concrete, $125,000. Colusa, Colus Co., Cal. Architect, W. H. Weeks, 7 Post street, S. F. Owners, Colusa Hig School District. Will contain fourtee class rooms, auditorium and offices Plans nearly complete and figures t be called for within a week or te days.

SCHOOL—1 story and base, brick and concrete, $29,000. Cloverdale, So noma Co., Cal Architect, Edward Nor berg, Bank Bldg., Burlingame. Own ers, Cloverdale School District. Bond have been voted and working draw ings will be prepared at once. Th building will contain eight class room and an assembly hall. Further mentio will be made of the work when bid are called.

FACTORY—3 2 and 3 story, brick or concrete, $185,000. Bay Point, Con tra Costa Co., Cal. Architect's nam not given. Owners, Pacific Textile Co 120 Bush street, S. F. R. J. Durfey representing the Pacific Textile Co has secured 2,000 acres for a factory site located at Bay Point, Contra Costa County. Mr. Durfey states that three separate buildings will be erected Construction will cost in the neighbor hood of $185,000. Machinery and equip ment will cost as much more. Further details will be given later.

FACTORY ADDITION—2 and 4 story brick and concrete. Cost not stated Crockett, Contra Costa Co., Cal. En gineer, Engineering Department, Cali fornia-Hawaii Sugar Co. Owners, Cal ifornia-Hawaii Sugar Co. General Man ager George M. Rolph, of the Califor nia-Hawaii Sugar Co., cables from Honolulu that the directors of the company have approved the expendi ture of $2,500,000 for new equipmen and building construction at the Crock ett plant. Details of the improvement to be made cannot be given until the return of Mr. Rolph, which will be about February 6th. However, the

...nagement states that a large ...nount of reinforced concrete work, ...ck construction and new machinery ...ill be required. Plans will be pre...ared by the company's engineering ...partment and bids will be taken ...rough the same office.

HOTEL ADDITION—3 story and base, ...ame, $15,000. Colusa, Colusa Co., Cal ...rchitect, Robert L. Holt, First Na...onal Bank Bldg., Berkeley. Owners, ...iverside Hotel Co. The addition will ... at one end of the present building. ...bout 25 rooms and several baths will ... added. Plans are complete and fig...es being taken.

...HALL AND STORES — Repair fire ...mage, 2 story and base, brick and ...eel, $15,000. Petaluma, Sonoma Co., ...al. Architect, Brainard Jones, Peta...uma. Owners, Petaluma Masonic Tem...le Association. Location Western ave...ue. This work will consist mostly of ...rick and steel work, painting, car...entry, plastering, plumbing and elec...ic work.. Plans are being prepared.

HOTEL—Camp Meeker, Sonoma Co., ...al. Bert Meeker of Camp Meeker, So...oma County, is now preparing plans ...r a two-story frame resort hotel ...hich will be built on property near ...e famous Old Sulphur spring at Camp ...eeker. Construction will be done by ...ay Labor. Mr. Meeker states that ...e building will contain forty rooms, ...number of baths and a large social ...all and lobby. Exterior will be faced ...ith shingles and interior finished in ...dwood.

MARKET—1 story, frame, $2,000. ...ichmond, Contra Costa Co., Cal. Ar...itect, Charles W. McCall, Central ...ank Bldg., Oakland. Owners, Hunt...atch Co. Will contain a large mar...et. Plans complete and figures being ...ken.

THEATRE—2 story and base, brick, ...eel and concrete, $70,000. Richmond, ...ontra Costa Co., Cal. Architect, A. W. ...rnelius, Merchants' National Bank ...dg., S. F. Owners, Turner & Dahn...en Circuit. Location, Macdonald ave...ue between 9th and 10th streets, cov...ring an area of 75 by 150 feet. Will ...at 1800 people. Plans nearly com...ete and figures to be called for ...ithin a week or ten days.

Contract Awarded.

IRRIGATION LATERAL — Cost not ...ated. Colusa, Colusa Co., Cal. Engi...eer's name not given. Owners, Che...y Slough Irrigation Co. Contractors, ... A. Hische, Colusa. Contract price ...ot stated.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

FRAME COTTAGE
PENNSYLVANIA AND FIFTH STS., Richmond. One-story frame cottage
Owner.....Dr. C. S. Pitt.
Architect ...None.
Contractor..N. E. Anderson, 1110 Barrett St., Richmond.
COST, $1600

FRAME APARTMENTS
BARRETT, bet. 19th and 20th Sts., Richmond. Two-story frame apartments.
Owner.....Mrs. E. J. Bibby, 19th and Barrett Sts., Richmond.
Designer ...E. A. F. Carson.
Contractor..N. E. Anderson, 1110 Barrett St., Richmond.
COST, $6400

COMPLETION NOTICES

MARIN COUNTY.

RECORDED	ACCEPTED
Jan. 29, 1917	SAN RAFAEL. Mr. V Walder to whom it may concern... Jan. 15, '17.

LIENS FILED

MARIN COUNTY.

RECORDED	AMOUNT
Jan. 27, 1917	SAN ANSELMO. Jensen & Schlosser Co (a corp) vs Chas F Bauer $129 86

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STREET PAVING—Cost as follows. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council has awarded a contract to Thompson Bros., 1514 H street, Fresno, Cal., for the paving of Summer street, from Kern street to Union avenue, they being the low bidders at $22,398. The bid being $10.65 lower than that of the Worswick Construction Co. and the California Street Improvement Co.

RESIDENCE — 1 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, C. A. Clark, 2366 Hill street, Fresno. Location, 3254 Illinois street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, J. E. White, 266 Effie street, Fresno. Location, Markely-Vincent Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

WAREHOUSE—1 story, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, Jay Knapp, Griffith-McKenzie Bldg., Fresno. Owner, V. Krikorian. Will cover a considerable ground area. Plans complete and figures being taken.

WATER SYSTEM—Cost as follows. Coalinga, Fresno Co., Cal. Engineer, F. G. Dessery, Central Bldg., L. A. Owners, City of Coalinga. Work on the proposed water system for Coalinga will soon be underway. Working plans are now complete and bids for the drilling of wells will be opened on February 19th. The cost of the entire system, which is to consist of drilling wells and building pipe lines, is estimated at $100,000 and which funds are already on hand. Claude T. Walker is City Clerk.

SCHOOL AUDITORIUM — 1 story, brick and concrete. $14,000. Fresno, Fresno Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. A new auditorium seating 900 people, is to be erected at the Edison School. Plans are being prepared.

SCHOOL—1 and 2 story and base, reinforced concrete and brick, $130,000. Modesto, Stanislaus Co., Cal. Architects, De Remer & Hewitt, Title and Insurance Bldg., L. A. Owners, City of Modesto. The architects are now at work revising the elevations for this building. While the floor plans were regarded as meeting the required conditions, the board was not satisfied with the architectural treatment. Funds are available and bids will be called soon as plans can be made to the satisfaction of the board.

RESIDENCE — 2 story and base, frame, $5,000. Lee Barton, Merced Co., Cal. Architect, E. V. Cannon, Central Bank Bldg., Oakland. Owner, J. V. Toscano. Will contain ten rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
LOTS 13 AND 14 BLK 5 Markey-Vincent Tract, Fresno.. Dwelling.
Owner ... J. E. White, 266 Effie St., Fresno
Architect ...None.
Day's work. COST, $2000

OIL WELL
NO. 2 ON SEC. 35, 14-17, Fresno. All work for drilling oil well.
Owner.....Kern Trading Oil Co., Flood Bldg., San Francisco.
Architect ...None.
Contractor..West Coast Drilling & Construction Co.
Filed Jan. 25, '17. Dated ——.
Monthly payments of..... 50%
Usual 35 days..... Balance
TOTAL COST, $4.50 per ft. drilled and casing set.
Bond, $6080. Surety, The Aetna Accident & Liability Co. Limit, none. Plans and specifications, none.

BRICK FLATS
LOTS 23 AND 24 BLK 134, Fresno. All work for two-story brick flats.
Owner.....Louise E. Coffman.
Architect ...Glass & Butner, Republican Bldg., Fresno.
Contractor..R. Pedersen & Andrew Jorgensen, 3740 Washington St., Fresno.
Filed Jan. 29, '17. Dated Jan. 17, '17.
1st floor walk in place.....$2236.90
Rough sheathing of roof on.. 2236.90
Interior plastering completed 2236.90
On completion 2236.90
Usual 35 days..... 2282.40
TOTAL COST, $11,930.00
Bond, $5965. Sureties, George Larsen and Andrew Iversen. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 5 BLK 2, Alta Vista Tract, Fresno dwelling and garage.
Owner.....H. J. Miller.
Architect ...None.
Contractor..J. B. Hart, 919 R St., Fresno.
COST, $2500

DWELLING
LOTS 11 AND 12 Griffith Sunflower Addition, Fresno. Dwelling.
Owner ... Wm Hansen
Architect ...None.
Contractor..Theo. Schmidt, 458 Poplar St., Fresno.
COST [illegible]

DWELLING
LOTS 1 AND 2 BLK [illegible] Park [illegible] Fresno. Dwelling.
Owner ... [illegible] Wilson
Architect ...None.
Day's work COST [illegible]

to a point distant 1 foot south of the south line of Forest lane, together with two manholes, one lamp hole, and 22 Y branches.

BULKHEAD, ETC.—Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the last meeting of the County Supervisors, the County Engineer was directed to prepare plans to construct the bulkhead at the mouth of the old Canoas bypass.

RESIDENCE — 2 story and base, frame, $12,000. Palo Alto, Santa Clara Co., Cal. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owner, R. S. Faxon. Will contain ten rooms, four baths, sleeping porches and separate garage. Plans being prepared.

SCHOOL GROUP—1 and 2 story, reinforced concrete, $200,000. Palo Alto, Santa Clara Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Palo Alto School District. Bonds have just been voted for this work and working drawings are now being completed. The group of buildings will consist of eight reinforced concrete structures of from one to two stories. Further mention will be made of the work.

CHURCH—1 story and base, frame and plaster, $25,000. Redwood City, San Mateo Co., Cal. Architect, W. H. Toepke, 46 Kearny street, S. F. Owners, Congregational Church. Will contain main auditorium, Sunday school rooms, social hall and pastor's study. Plans being prepared.

PACKING PLANT—4, 4 story, brick and steel, $350,000. South San Francisco. Engineer, R. Von Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co. Each building will cover a large ground area and has been designed for a special use. Plans are nearly complete and work will be started within a month. Mr. Von Voorhies will have complete charge of all construction.

Contract Awarded.

HOSPITAL COTTAGE—1 story, concrete and frame, $18,937. Agnews, Santa Clara Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Contractors, Monson Bros., 1907 Bryant street, S. F. Contract price, $18,937.

BUILDING CONTRACTS

SAN MATEO COUNTY.

PRIVATE ROAD
NEAR PORTOLA. All work for a private road.
Owner.....E. R. Dimond, 310 Sansome, San Francisco and Portola.
Engineer...David Bromfield, San Mateo.
Contractor..Thomas M. Flynn, Redwood City.
Filed Jan. 31, '17. Dated Jan. 26, '17.
As work progresses monthly payments of 75%
Usual 35 days..... 25%
TOTAL COST, $4600
Bond, $2300. Sureties, D. P. Flynn and C. Cullen. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

FRAME RESIDENCE
LOT 24 BLK "K," Hayward Park, San Mateo. All work for one-story frame residence.
Owner.....Geo. W. Kneass Jr. and Edith Kneass, 1801 Hayes, San Francisco.
Architect...Arthur G. Scholz.
Contractor..J. I. Thomas and David Clark.
Filed Jan. 18, '17. Dated Nov. 9, '16; Supplemental contract signed Jan. 11, 1917.
Roof and plumbing in.....$625
When completed 625
Usual 35 days..... 625
TOTAL COST, $1875
Bond, $937.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
Jan. 16, 1917—LOT 9 Walker Partition Cambrian School District. C Joachims to Geo Lindblom.	Jan. 16, 1917
Jan. 18, 1917—WHITE ROAD, Santa Clara Co. G Giannini to A Bonocchi	Jan. 16, 1917
Jan. 20, 1917—FOREST AVE AND Bryant St., Palo Alto. Christian Science Church to Frank Graves & Son.....	Jan. 19, 1917

LIENS FILED

SANTA CLARA COUNTY.

RECORDED	AMOUNT
Jan. 17, 1917—LOT 18 BLK 6, East of Vestal's Sbdvn, San Jose. G E Lenzen vs Joe Cancilla.....	$43.75
Jan. 19, 1917—LOT 4, Stevens vs Wiseman Partition. V Terranova vs G Gianinni.....	$117
Jan. 22, 1917—LOT 1 Kimball Tract No. 2, San Jose. The John Stock Sons vs Roy D Lamb.....	$164

RELEASE OF LIENS

SANTA CLARA COUNTY.

RECORDED	AMOUNT
Jan. 22, 1917—LOTS 7, 11 & 12 BLK 8 Sbdvn Blks 8-9 Vestol Sbdvn, San Jose. Glenwood Lumber Co to J Mazziomoto	$155.68

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BULKHEAD FILL—Cost as follows. Vallejo, Contra Costa Co., Cal. Engineers as follows. Owners, City of Vallejo. A board of engineers consisting of T. D. Kilkenny of Vallejo, M. H. Peck and F. H. Tibbetts, San Francisco, has presented a report to the City Council on the matter of harbor bulkhead and fill. Three projects are outlined all of which involve earth bulkhead and fill. The main difference in the projects outlined in the length of the bulkheads recommended. Work will cost from $1200 to $10,000.

SEWER EXTENSIONS — Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Assistant City Engineer H. Harrold is preparing plans for the proposed sewer system for a number of homes in this city. More than 1,000 feet of sewer will be laid. The Fourth street sewer will also be extended.

RESIDENCE — 2 story and base, frame, $30,000. Mt. Diablo, Contra Costa Co., Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner's name withheld. Location, Mt. Diablo Park. Will contain fifteen rooms, four baths and sleeping porches. Separate garage and other out buildings. Plans complete and figures being taken.

RESIDENCES 2, 2 story, frame, $12,000. Napa, Napa Co., Cal. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owner, C. M. Cole. Location near Napa. One dwelling will contain eight rooms, two baths and sleeping porch and the other four rooms and bath. Plans are being prepared and work will be let on a percentage basis.

RESIDENCE — 1 story and base, frame, $4,000. Richmond, Contra Costa Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. K. Adams. Will contain six rooms, bath and sleeping porch. Plans being figured.

BRIDGES—5 reinforced concrete. Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Plans for five highway bridges to be constructed on the State highway between Petaluma and Santa Rosa are being prepared by County Surveyor Malcolm Youker. The construction will be either reinforced concrete, plain or ornamental. One bridge will be of steel truss construction.

SCHOOL—2 story and base, brick and concrete, $125,000. Colusa, Colusa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa High School District. Will contain fourteen class rooms, auditorium and offices. Plans nearly complete and figures to be called for within a week or ten days.

SCHOOL—1 story and base, brick and concrete, $29,000. Cloverdale, Sonoma Co., Cal. Architect, Edward Norberg, Bank Bldg., Burlingame. Owners, Cloverdale School District. Bonds have been voted and working drawings will be prepared at once. The building will contain eight class rooms and an assembly hall. Further mention will be made of the work when bids are called.

FACTORY—3 2 and 3 story, brick or concrete, $185,000. Bay Point, Contra Costa Co., Cal. Architect's name not given. Owners, Pacific Textile Co., 120 Bush street, S. F. R. J. Durfey, representing the Pacific Textile Co., has secured 2,000 acres for a factory site located at Bay Point, Contra Costa County. Mr. Durfey states that three separate buildings will be erected. Construction will cost in the neighborhood of $185,000. Machinery and equipment will cost as much more. Further details will be given later.

FACTORY ADDITION—2 and 4 story, brick and concrete. Cost not stated. Crockett, Contra Costa Co., Cal. Engineer, Engineering Department, California-Hawaii Sugar Co. Owners, California-Hawaii Sugar Co. General Manager George M. Rolph, of the California-Hawaii Sugar Co., cables from Honolulu that the directors of the company have approved the expenditure of $2,500,000 for new equipment and building construction at the Crockett plant. Details of the improvements to be made cannot be given until the return of Mr. Rolph, which will be about February 6th. However, the

management states that a large amount of reinforced concrete work, brick construction and new machinery will be required. Plans will be prepared by the company's engineering department and bids will be taken through the same office.

HOTEL ADDITION—3 story and base, frame, $17,000. Colusa, Colusa Co., Cal. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owners, Riverside Hotel Co. The addition will be at one end of the present building. About 25 rooms and several baths will be added. Plans are complete and figures being taken.

HALL AND STORES—Repair fire damage, 2 story and base, brick and steel, $15,000. Petaluma, Sonoma Co., Cal. Architect, Brainard Jones, Petaluma. Owners, Petaluma Masonic Temple Association. Location Western avenue. This work will consist mostly of brick and steel work, painting, carpentry, plastering, plumbing and electric work. Plans are being prepared.

HOTEL—Camp Meeker, Sonoma Co., Cal. Bert Meeker of Camp Meeker, Sonoma County, is now preparing plans for a two-story frame resort hotel which will be built on property near the famous Old Sulphur spring at Camp Meeker. Construction will be done by Day Labor. Mr. Meeker states that the building will contain forty rooms, a number of baths and a large social hall and lobby. Exterior will be faced with shingles and interior finished in redwood.

MARKET—1 story, frame, $2,000. Richmond, Contra Costa Co., Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owners, Hunt-Hatch Co. Will contain a large market. Plans complete and figures being taken.

THEATRE—2 story and base, brick, steel and concrete, $70,000. Richmond, Contra Costa Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnken Circuit. Location, Macdonald avenue between 9th and 10th streets, covering an area of 75 by 150 feet. Will seat 1800 people. Plans nearly complete and figures to be called for within a week or ten days.

Contract Awarded.

IRRIGATION LATERAL — Cost not stated. Colusa, Colusa Co., Cal. Engineer's name not given. Owners, Cheney Slough Irrigation Co. Contractors, C. A. Hische, Colusa. Contract price not stated.

BUILDING CONTRACTS.

CONTRA COSTA COUNTY.

FRAME COTTAGE
PENNSYLVANIA AND FIFTH STS., Richmond. One-story frame cottage
Owner.....Dr. C. S. Pitt.
Architect...None.
Contractor..N. E. Anderson, 1110 Barrett St., Richmond.
COST, $1600

FRAME APARTMENTS
BARRETT, bet. 19th and 20th Sts., Richmond. Two-story frame apartments.
Owner.....Mrs. E. J. Bibby, 19th and Barrett Sts., Richmond.
Designer...E. A. F. Carson.
Contractor..N. E. Anderson, 1110 Barrett St., Richmond.
COST, $6400

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Jan. 29, 1917—SAN RAFAEL. Mrs V Walder to whom it may concern. . . . . Jan 15, 1917

LIENS FILED

MARIN COUNTY.

RECORDED AMOUNT
Jan. 27, 1917—SAN ANSELMO. Jensen & Schlosser Co (a corp) vs Chas F Bauer $129.86

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STREET PAVING—Cost as follows. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council has awarded a contract to Thompson Bros., 1514 H street, Fresno, Cal., for the paving of Summer street, from Kern street to Union avenue, they being the low bidders at $22,398. The bid being $10.65 lower than that of the Worswick Construction Co. and the California Street Improvement Co.

RESIDENCE — 1 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, C. A. Clark, 2366 Hill street, Fresno. Location, 3254 Illinois street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, J. E. White, 266 Effie street, Fresno. Location, Markely-Vincent Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

WAREHOUSE—1 story, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, Jay Knapp, Griffith-McKenzie Bldg., Fresno. Owner, V. Krikorian. Will cover a considerable ground area. Plans complete and figures being taken.

WATER SYSTEM—Cost as follows. Coalinga, Fresno Co., Cal. Engineer, F. G. Dessery, Central Bldg., L. A. Owners, City of Coalinga. Work on the proposed water system for Coalinga will soon be underway. Working plans are now complete and bids for the drilling of wells will be opened on February 19th. The cost of the entire system, which is to consist of drilling wells and building pipe lines, is estimated at $100,000 and which funds are already on hand. Claude T. Walker is City Clerk.

SCHOOL AUDITORIUM — 1 story, brick and concrete, $14,000. Fresno, Fresno Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. A new auditorium, seating 900 people, is to be erected at the Edison School. Plans are being prepared.

SCHOOL—1 and 2 story and base, reinforced concrete and brick, $130,000. Modesto, Stanislaus Co., Cal. Architects, De Remer & Hewitt, Title and Insurance Bldg., L. A. Owners, City of Modesto. The architects are now at work revising the elevations for this building. While the floor plans were regarded as meeting the required conditions, the board was not satisfied with the architectural treatment. Funds are available and bids will be called as soon as plans can be made to the satisfaction of the board.

RESIDENCE — 2 story and basement, frame, $10,000. Los Banos, Merced Co., Cal. Architect, E. V. Cannon, Central Bank Bldg., Oakland. Owner, J. V. Toscano. Will contain ten rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
LOTS 13 AND 14 BLK 5, Markely-Vincent Tract, Fresno.. Dwelling.
Owner.....J. E. White, 266 Effie St., Fresno.
Architect...None.
Day's work. COST, $2000

OIL WELL
NO. 29 ON SEC 35, 14-17, Fresno. All work for drilling oil well.
Owner.....Kern Trading Oil Co., Flood Bldg., San Francisco.
Architect...None.
Contractor..West Coast Drilling & Construction Co.
Filed Jan. 25, '17. Dated ——.
Monthly payments of..... 50%
Usual 35 days.....Balance
TOTAL COST, $4.50 per ft. drilled and casing set.
Bond, $6080. Surety, The Aetna Accident & Liability Co. Limit, none. Plans and specifications, none.

BRICK FLATS
LOTS 23 AND 24 BLK 134, Fresno. All work for two-story brick flats.
Owner.....Louise E. Coffman.
Architect...Glass & Butner, Republican Bldg., Fresno.
Contractor..R. Pedersen & Andrew Jorgensen, 3740 Washington St., Fresno.
Filed Jan. 29, '17. Dated Jan. 17, '17.
1st floor walk in place.....$2236.90
Rough sheathing of roof on.. 2236.90
Interior plastering completed 2236.90
On completion 2236.90
Usual 35 days..... 2282.40
TOTAL COST, $11,930.00
Bond, $5965. Sureties, George Larsen and Andrew Iversen. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 5 BLK 2, Alta Vista Tract, Fresno. dwelling and garage.
Owner.....H. J. Miller.
Architect...None.
Contractor..J. B. Hart, 910 R St., Fresno.
COST, $2500

DWELLING
LOTS 11 AND 12 Griffith Sunflower Addition, Fresno. Dwelling.
Owner.....Wm. Hansen.
Architect...None.
Contractor..Theo. Schmidt, 458 Poplar St., Fresno.
COST, $2200

DWELLING
LOTS 1 AND 2 BLK 12, Park Addition, Fresno. Dwelling.
Owner.....P. B. Wilson
Architect...None.
Day's work. COST, $2000

LOTS 11 AND 12, BLK 4 Markley-Vincent Tract, Fresno. Dwelling.
Owner .... O. L. Markley, 1320 Home St., Fresno.
Architect ...None.
Contractor..C. V Smith, Rowell Bldg., Fresno.
COST, $2400

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

HIGHWAY IMPROVEMENTS—Cost as follows Eureka, Humboldt Co., Cal. Engineer, County Surveyor, Eureka. Owners, Humboldt County Action by the Supervisors on the application of taxpayers in the Mattole township for the improvementof their roads, will be taken at the next regular meeting in February. If a majority of the property owners on the district do not oppose the proposition there will be $63,000 spent improving the old roads and constructing new highways under the Road District Improvement Act of 1907. County Surveyor A. O. Logan has completed and submitted the following estimates: Fifteen miles of new road, Bull Creek to Upper Mattole, $27,625.84. Ten miles of new road, Ettersburg to Shelter Cove, $16,681.83. Repairing from Ettersburg to south end of Green road, $3,399.99. Repairing from south end of Green road to Devil's Gate, $11,337.09. Incidental costs of construction, $2,000. If the proposition goes through and the Supervisors let contracts for the work, the contractors will be paid with bonds drawn on the county treasury.

HIGHWAY CONSTRUCTION - Cost as follows. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. County Surveyor Butler has been instructed by the Supervisors to commence surveys for the construction of a paved road from Sheldon to the Jackson road, a distance of six miles. The improvement will cost $60,000 and will be built according to specifications of the County Highway Commission.

RESIDENCE — 1 story and base, frame, $2,000. Stockton, San Joaquin Co., Cal. Architect, none. Owner, Carl Hokhodt, 1113 East Channel street, Stockton. Location, Oaks Tract. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor

APARTMENT HOUSE AND STORES —2 story and base, brick, $20,000. Marsville, Yuba Co., Cal. Architects, Milwain Bros., Albany Bldg., Oakland. Owners, Ewell, Moors & Aaron. Location, 4th and High streets. Will contain a large store on the first floor and five apartments on the second floor. Plans are being prepared.

FACTORY—1 and 2 story, hollow tile and concrete, $150,000. Galt, Sacramento Co., Cal. Architect, E. C. Hemmings, 1005 K street, Sacramento. Owners, Utah Condensed Milk Co. Location, adjoining Southern Pacific tracks. Main building will be two stories high. Plans also provide for two one story cottages, a one story garage, a one story power house and a steel tank of 25,000 gallons capacity. Plans complete and figures being taken. Bids close February 10th.

HOSPITAL ADDITION 1 story, reinforced concrete, 30,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owners, St. Joseph's Hospital. Addition will contain wards and private rooms Plans are being prepared.

IRRIGATION CANAL—Cost not stated. Oroville, Butte Co., Cal. Engineer's name not given. Owners, Western Canal Co., Oroville. Announcement is made that the Western Canal Company has surveyors in the field determining the location of the main canal of a proposed mutual irrigation district for this section. The water would be taken from the Feather River near Oroville and would be carried to thousands of acres. The Western Canal Company recently constructed a large irrigation canal west from Oroville to the Biggs-Nelson country.

WATER SYSTEM SUPPLIES—Cost not stated. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. Bids will be opened on February 20th for furnishing the Eureka Water Department, f. o. b. Eureka, Cal., on or before April 15, 1917: First, a Manifold system, cast iron fittings, outside piping, gates, strainers, three cradles, etc., for an 8x20" horizontal steel pressure water filter, the tank or shell, filter sand and gravel and concrete fill to be furnished by the Water Department. Boiler makers' drawings to be furnished the Water Department by the successful bidder. Second: An 8x20" horizontal steel pressure water filter, complete, except filter sand and gravel and concrete fill. Working pressure 100 pounds per square inch.

STORES — 1 story, frame, $7,000 Stockton, San Joaquin Co., Cal. Architect, none. Owner, Mrs. S. M. Hickinbotham. Location, Washington and Grant streets. Will contain two small retail stores. Plans complete and work to be done by Day Labor.

THEATRE—1 story and base, brick, $20,000. Stockton, San Joaquin Co., Cal Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owner's name not given. Location, southwest section of city. Designed for a Jap theatre. Plans being prepared.

Contract Awarded.

FIRE HOUSE AND HALL—2 story and base, brick, $9,574. Tracy, San Joaquin Co., Cal. Architects, Sala & Mayo, Commercial and Savings Bank Bldg., Stockton. Owners, City of Tracy. Contractors, Johnson Bros., Tracy. Contract price, $9,574.

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Phone Main 993 515 J. St., Sacramento

BUILDING CONTRACTS

SACRAMENTO COUNTY.

ALTERATIONS
NO. 922 SECOND ST., Sacramento. Tear down old walls and erect three-story brick building (two stores and 40 rooms) .
Owner.....J. Nuttall, 1800 S St., Sacramento.
Architect ...None.
Contractor..R. M. Smith, 2017 18th St., Sacramento.
COST, $8600

GARAGE
NOS. 2827-31 M ST., Sacramento. All work for one-story Denison interlocking tile public garage.
Owner.....A. P. Scheld, 1105 L St., Sacramento.
Architect ...None.
Contractor..Jas. A. McCullough, 1108 Yardley Ave., Sacramento.
COST, $7000

ALTERATIONS
NO. 804 U ST., Sacramento. Alterations to two-story frame dwelling into flats (5 and 3 rooms and bath).
Owner.....Capital Fire Insurance C0. 415 Forum Bldg., Sacramento.
Architect ...None.
Contractor..Chatterton Bros., 2111 28th St., Sacramento.
COST, $1200

GARAGE
NO. 917 M ST., Sacramento. One-story reinforced concrete garage with 5-ply built up asbestos roof.
Owner.....R. D. Finney, Premises.
Architect ...None.
Contractor..John A. Silva, 415 11th St., Sacramento.
COST, $1000

ALTERATIONS
NO. 712 NINTH ST., Sacramento. Alter top floor of dwelling into 2 flats.
Owner.....Marie Williams, Sacramento.
Architect ...None.
Contractor..E. A. Corum, 2523 1st Ave., Sacramento.
COST, $1500

SOUTHERN PACIFIC DEPOT, Sacramento. Office and store room.
Owner.....American Express Co., California Fruit Bldg., Sacramento.
Contractor..A. W. Norris, 3012 G St., Sacramento. COST, $1340

PILE FOUNDATION
SACRAMENTO GAS WORKS, Sacramento. Construct pile foundation for steel tank gas holder, 200,000 cubic feet capacity, by driving 356 piles of Oregon pine free from bark not less than 40 feet ling, 12 inches at butt and 6 inches at top.
Owner.....Pacific Gas & Electric Co., 11th and K Sts., Sacramento.

Architect ...None.
Contractor..Jenkins & Wells (M. A. Jenkins and C. T. Wells), 3530 York Av., Sacramento
Filed Jan. 31, '17. Dated Jan. 16, '17.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $3702.40
Bond, $2000. Surety, The Aetna Accident & Liability Co. Limit, forfeit, none. Plans and specifications filed.

CONCRETE FOUNDATION
SACRAMENTO GAS WORKS, Sacramento. Construct reinforced concrete foundation consisting of circular reinforced concrete slab resting on piles and a reinforced concrete valve pit without pile support.
Owner.....Pacific Gas & Electric Co., 11th and K Sts., Sacramento.
Architect ...None.
Contractor..Teichert & Ambrose (A. Teichert Jr. and T. E. Ambrose, Ochsner Bldg., Sacramento.
Filed Jan. 31, '17. Dated Jan. 22, '17.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $2240
Bond, $1200. Surety, Globe Indemnity Co. of New York. Limit, 3 weeks after construction request. Forfeit, none. Plans and specifications filed.

ALTERATIONS
NO. 914 SIXTH ST., Sacramento. Remodel store front.
Owner.....C. P. Nathan, 604 J St., Sacramento.
Architect ...None.
Contractor..Siller Bros., 1614 13th St., Sacramento.
COST, $2011

ALTERATIONS
NO. 712 K ST., Sacramento. Remodel store front and install fixtures.
Owner.....Anapolsky Bros.
Designer ...A. Willoner, 403 21st St., Sacramento.
Contractor..M. F. Terra, 2315 9th St., Sacramento.
COST, $2000

REPAIRS
NO. 1403 FOURTH ST., Sacramento. Repairs.
Owner.....George Jacobs, 401 9th St., Sacramento.
Architect ...None.
Day's work. COST, $500

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

CLASS "A" OFFICE BLDG
LOTS 9 AND 11 BLK 12 East of Center Street, Stockton. Install and complete all interior marble work, terrazzo work for nine-story Class "A" office and bank building.
Owner.....Farmers and Merchants Bank of Stockton.
Architect ...Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor..H. P. Fisher Tile & Marble Works, 318 N-California St., Stockton.
Filed Jan. 24, '17. Dated Dec. 23, '16.
On 1st of each month..... 75%
TOTAL COST, $8852

[illegible] $[illegible] [illegible] Mary and Catherine [illegible] Maryland [illegible] Limit, 6 working [illegible] after March 6, '17. Forfeit, as [illegible] Plans and specifications [illegible]

[illegible] DWELLING
[illegible] Stockton. Frame dwelling.
[illegible] Carl Hokholt, [illegible] E. Channel St., Stockton.
Architect ...None.
Day's work. COST, $2000

FRAME BUILDING
COR. WASHINGTON AND GRANT STS. Stockton. Frame building.
[illegible] ....Mrs. S. M. Hickinbotham, 623 E-Market St., Stockton.
Architect ...None.
Day's work. COST, $7000

FRAME FLATS
NE EL DORADO AND LOSE STS., Stockton. Two-story frame (2) flats.
Owner.....Brock & Maisel, Cr. Maisel Butchers.
Architect ...Ralph P. Morrell, 12-15 I. O. O. F. Bldg., Stockton.
Contractor..J. Plecappo.
COST, $3600

FRAME LODGING HOUSE
MANTECA, San Joaquin Co. Frame lodging house (40 rooms).
Owner.....A. Baccilieri, Manteca, Cal.
Architect ...None.
Contractor..E. E. Douglass, Manteca, Cal. COST, $4000

BRICK MARKET
ESCALON, San Joaquin Co. One-story and basement brick meat market.

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Owner: [illegible] South San Joaquin Irrig. Dist., Market, Brandon, Cal.
Architect: Ralph P. Mayo, 1415 [illegible] Stockton.
Contractor: C. P. Wentz, Brandon, Cal.
COST, $[illegible]

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED

Jan. 30, 1917—PRIVATE ROADWAY adjacent to Southern Pacific Station, Sacramento. 7/8-inch Road-amite wearing surface for paving. Southern Pacific Company as lessee from Central Pacific Co to John D Yost (as The Highway Surfacing Co) ..... Jan 13, 1917

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE 3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Edward Gray Taylor, Haas Bldg., L. A. Owner, Fred Siegel, Haas Bldg., L. A. Location, San Julian street between 7th and 8th. streets. Will contain [illegible] rooms arranged in two and three room suites. Plans being prepared.

SCHOOL 1 story and [illegible] reinforced concrete, $[illegible]. Las Vegas, Nevada. Architects, Wilson & Eager, American National Bank Bldg., L. A. Owners, Town of Las Vegas. Will cover an area of 140 by 170 feet and contain sixteen class rooms. Plans complete and figures being taken. Bids close February 17th.

DISPOSAL PLANT—Cost as follows. Reno, Nev. Engineer, City Engineer, Reno. Owners, City of Reno. With the consent of Reno, Nev., city officials, a bill is to be introduced into the State legislature to compel the city of Reno to construct a disposal plant to care for the sewage of the city. The plant will cost in the neighborhood of $150,-000. If the action is successful, the town of Sparks, Nev., will take similar action.

STORES AND LOFTS 1 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Dodd & Richards, Brockman Bldg., L. A. Owners, Coulter Dry Goods Co. Location, southwest 7th and Olive Sts., covering an area of 103 by 225 feet. Plans complete and buildings now on site being wrecked. Bids to be called for shortly.

THEATRE—2 story and base. Class A construction, $100,000. Los Angeles, Cal. Architects, Dodd & Richardson, Brockman Bldg., L. A. Owner, Shirley Ward. Location, east Grand avenue north 7th street, covering an area of 76 by 165 feet. Seating capacity, 2500 people. Plans being prepared.

Contract Awarded.

BANK ADDITION 1 story, [illegible] reinforced concrete. Cost not stated. Nevada City, Nevada Co., Cal. Architect, none. Owners, Nevada County Bank. Contractors, Knowles & Mathewson, Call-Post Bldg., S. F., concrete work. M. G. West Co., 353 Market street, S. F., bank fixtures, etc. Cost not stated.

PORTLAND AND OREGON.

WHARF, ETC. Cost [illegible] Brooklings, Ore. Engineer, none. Owners, California & Oregon Lumber Co., Fife Bldg., S. F. Sealed bids for above will be received at office of C. & O. Lumber Co., room 605 Fife Bldg., S. F., until 10 a. m. February 19, 1917. Dimensions head of wharf approximate 400 by 64 feet, approach approximate 800 by 30 feet. Plans and specifications may be seen and secured at above office. Set may be seen at office of Builder and Contractor, 122 North Broadway, Los Angeles.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE AND STORES 6 story and [illegible], brick and steel, $20,000. Seattle, Wash. Architect, W. H. Milner, Haight Bldg., Seattle. Owner, J. C. Silverstone. Location, 7th avenue and Olive street, covering an area of 85 by 120 feet. Will contain [illegible] number of stores on the first floor and two, three and four room apartment above. Plans being prepared.

BRIDGE—Steel and concrete. Cost as follows. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids have been called by the Board of Public Works to be opened on March 2nd at 10 a. m. for the construction of the substructure of the Eastlake bridge over the Lake Washington canal. Because of changes in the original plans for this work, the substructure is expected to cost about $100,000 more than the original contract for the work which was first held by the Beers Building Co., forfeited shortly after the award. This portion of the work will cost between $150,000 and $200,000.

FACTORY AND POWER HOUSE 1 and 2 story, reinforced concrete, $150,-000. Mt. Vernon, Wash. Engineer, R. W. Schubert, Railway Exchange Bldg., Seattle. Owners, Mt. Vernon Milk Co. Condensary building, 100 by 210 feet. Power plant, 50 by 100 feet. Plans are being prepared.

HOSPITAL 1 story and base, steel and brick, $200,000. Spokane, Wash. Architect, Archibald Rigg, Empire State Bldg., Spokane. Owners, St. Luke's Hospital. This is the first unit of one of the most modern and up-to-date hospital buildings in Washington. Working drawings are being prepared and figures he will be called for shortly.

WATER SYSTEM EXTENSIONS, ETC.—Cost as follows. Camas, Wash. Engineer, L. B. Wickersham, Chamber of Commerce Bldg., Portland. Owners, Town of Camas. Plans and estimates have been completed outlining the main details of a proposed municipal waterworks installation for the town of Camas. In a general way, it is expected that this system will cost between $80,000 and $100,000, requiring a pipe line several miles in length, reservoir and local distribution system.

WATER SYSTEM EXTENSIONS — Cost not stated. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids have been called for by the Board of Public Works to be opened on March 16th for furnishing and installing of the equipment for the addition to the auxiliary steam power plant of the city on Lake Union. This portion of the project, which will double the capacity of the present plant, will approximate a cost of $300,000, while the building contract yet to be awarded will run close to $100,000. Plans for the latter have only just been started by the city architect and [illegible] tractors for several weeks. Bids for the equipment will be taken on the entire installation or the following units: (1) [illegible] feed pumps and service pumps; (2) steam turbo generator, reactance coils, exciter, etc.; (3) high vacuum set condenser, air and water pumps, etc.

City Bids Opened.

At Wednesday's meeting of the San Francisco Board of Public Works the Board petitioned the Supervisors to pass an ordinance authorizing the Board of Public Works to call for bids for the construction of the Fairmount School. Plans for this building have been prepared by Architect John Reid Jr., First National Bank Bldg. The estimated cost of the building is placed at $150,000.

Bids were opened at the same meeting for partitions in the Assessor's Office.

Partitions in Assessor's Office.

O. Monson	$1,687
Mullen Mfg. Co.	1,390
William Bateman	1,550
L. & E. Emanuel	1,650
P. J. Sullivan	2,200
D. O'Neil	2,472
Home Mfg. Co. (rejected)	2,480
J. B. McSheehy	1,824
Fink & Schindler	1,540
Newsom & Hennings (rejected)	2,100

AWARD CONTRACT FOR SAN RAFAEL BUILDING

New Fire House at San Rafael to be Erected by J. A. Kappenman. Eight Other Bidders.

SAN RAFAEL, Marin Co., Cal., Feb. 5th, 1917—Eight sets of figures were opened by the City Manager Monday night for the construction of the two-story reinforced concrete building for the Fire Department. J. A. Kappenman of San Rafael was awarded the contract on his bid of $10,958, although M. A. Miller of San Anselmo presented a lower bid at $9,875 but the bid was not accompanied by a certified check. The building was designed by Architects Masten & Loubet, First National Bank Bldg., San Francisco. Following is a complete list of the bids received:

San Rafael Fire House.

M. A. Miller (no check)	$ 9,875
J. A. Kappenman	10,958
Harvey A. Klyce	11,600
Elison & Russell	11,700
O. C. Holt	11,920
Barrett & Hilp	12,750
Boxton & Son	12,772
Dioguardi & Terranova	11,975

SAN JOSE, Santa Clara Co., Cal.—The County Board of Supervisors has decided to abolish its policy of permanent road improvement by direct taxation and has called a bond election for March 15th, when the voters of the county will decide on the issuance of bonds in the amount of $1,500,000. It is thought that this amount will complete the highway system throughout the county. More than 200 miles of new roads are to be constructed with permanent bridges and culverts. A considerable amount of paving work will consist of material of State Highway standard.

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Seventeenth Year. No. 7

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San Francisco, Cal., February 14, 1917

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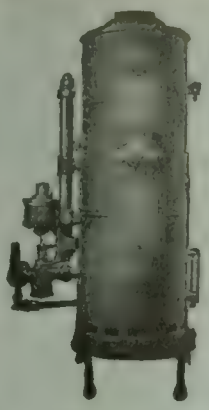
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MERCED, Cal.—A highway system to connect Merced, Dos Palos, Atwater, Livingston, Stevinson and other towns, and to complete the state highway and the proposed Yosemite route, will be voted on in Merced County soon, according to the present plans of the Chamber of Commerce, which is preparing plans to present to the supervisors. The Dos Palos road will connect with the proposed West Side highway of Fresno County.

Figures furnished by the Portland Cement Association show that contract awarded for concrete pavements up to December 1, 1916, reached a total of 24,929,148 square yards. Of this total 16,533,129 square yards are roads; 7,501,739 square yards are streets, and 894,280 square yards are alleys. There remain to be collected and tabulated the contracts for December which will make the 1916 total go considerably beyond 25,000,000 square yards.

CHICO, Butte Co., Cal.—Chester Cole, Chico architect, has been awarded the designing of the new rectory of St. Peter's Episcopal Church at Red Bluff. The rectory will cost approximately $3,000.

SACRAMENTO, Cal.—Twenty thousand dollars soon will be available for the improvement of the Feather River, between Vernon and Marysville, providing the latter place raises $5,000 additional to add to the $15,000 appropriation of the State and Federal government.

FAST ELECTRIC TRAINS TO SACRAMENTO

LEAVE KEY ROUTE FERRY.

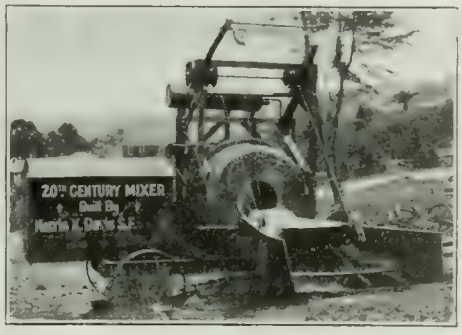
Leave	Daily except as noted.
7:20A	Sacramento, Dixon Jct., Pittsburg, Bay Point. Carries Observation Car. Through train to Chico, Marysville, Colusa, Oroville and Woodland.
8:00A	Concord, Diablo and Way Stations.
*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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CALIFORNIA MEDIATION ACT.

Safeguarding the Public Interests in Industrial Disputes Affecting Public Service.

The California Mediation Act introduced at the present session of the Legislature by Assemblyman Goetting, with the full support of the San Francisco Chamber of Commerce, is a measure of State-wide interest and proposes to do for California what President Wilson believes should be done for the nation with respect to mediation in strikes and lockouts on interstate railroads.

The California Mediation Bill will affect strikes and lockouts in connection with any State public utility such as railroad companies, telegraph and telephone companies, and light, heat, water and power companies.

Where a strike or a lockout affects a public utility, like a railroad, or a telegraph company, or a light and power company, not only the comfort but the material welfare of a great portion, and in some cases of all, of the public will necessarily be directly affected by a strike. The farmer who wants to ship his products to market, often products of a perishable nature, feels the effect of a railroad strike.

The whole industrial activity of the State would be affected by a strike on the telegraph or telephone companies. A power company strike might affect interurban communications or tie up industrial establishments dependent on the power generated and thus affect the employment of their employees. Whole communities might go without light in the case of a strike on a lighting company. In all these possible cases, the interest of the public is paramount to the interest of any employer or any set of employees.

The California Mediation Act does not deny the right to strike; it merely suspends that right during the time of public investigation. It does not affect strikes or lockouts, except those occurring on public utilities.

The Mediation Act provides for a Board of Mediation to reconcile differences arising between employer and employees connected with State public utilities. In the event of the findings of the board not being acceptable to either party, the right either to strike or lockout still remains. The act suspends the right of strike or lockout during this public investigation and report. The basic principle of the act is that public opinion must prevail, but that it should be an intelligent public opinion formed after a full knowledge of the facts.

The principles involved in this law have been tried successfully in Canada under what is there known as the "Industrial Disputes Investigation Act," which has been in force there since 1907. In a recent official report showing the operation of the Canadian Act since its adoption in March, 1907, it appears that as a result of this Act ninety per cent of the threatened strikes and lockouts have been avoided in those industries to which the Act applies. Taking one Canadian fiscal year, as an example, the average time taken to investigate and report upon a dispute referred under the Canadian Act was forty-nine days.

The American Federation of Labor, in its recent convention at Baltimore, unanimously declared its opposition to the suggestion of President Wilson with respect to compulsory mediation. It appears likely that the representatives of organized labor will oppose the passage of the California Mediation Act at the present session of the California Legislature. The issue involved in this Mediation Act is the simple issue: Shall the people rule or, in matters in which the public at large are vitally interested, shall the people be ruled by a class

Before the public is subjected to the discomfort, to the loss, to the injury resulting from a strike or lockout on a public utility, they are surely entitled to know what the dispute is about, to form their opinion concerning the merits of the dispute and to bring to bear upon the settlement of that dispute the force of a carefully matured public opinion.

This in substance is what the Mediation Act will accomplish; and if the Mediation Act should fail of passage, the vital interests of the public must continue to be made subordinate to the clash of personal interests between employer and employee connected with the public utility services of the State.

STAMPED ENVELOPES HIGHER.

WASHINGTON—Increase in the price of all sizes of stamped envelopes, effective February 1, is announced by the Post Office Department. The raise was made necessary by the increased cost of paper and the use of more and better material. The increases averaged 43c per thousand envelopes. Post offices throughout the country soon will be supplied with stamped "window" envelopes, with part of the address side transparent, which heretofore have been unavailable.

IRRIGATION PLANS IN COLOMBIA.

The Colombian Government has adopted measures to make experiments in irrigation of tropical lands and will engage experts to direct the [illegible] artesian wells at various points on the plains of Colombia. A recent law in the Diario Oficial covers this project and provides for the establishment of [illegible] central bacteriological institute. If the [illegible] Government are insufficient during the [illegible] year to defray [illegible] Government is authorized [illegible] internal-loan bonds [illegible] draw 8 per cent

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $11,000. Architect, none. Owner, L. B. Ham, 274 35th avenue S. F. Location, south Lake street east 29th avenue, covering an area of 88 by 25 feet. Will contain six modern apartments of four rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, $93,500. Architects Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southwest corner Geary and Leavenworth streets, covering an area of 68 by 70 feet. Will contain four stores on the first floor and a total of 34 apartments of two and three rooms. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, $20,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. Location, O'Farrell near Van Ness avenue. Will contain a number of two and three room apartments. Plans being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete, $40,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. Location, Valencia near 14th street. Will contain stores on the first floor and a number of two and three room apartments on the upper floors. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, $100,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southeast Hyde and Post streets, covering an area of 68 by 78 feet. Will contain three stores on the ground floor and a total of 46 two-room apartments on the upper floors. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, P. Righetti, Phelan Bldg., S. F. Owner's name withheld. Location, Polk street near Chestnut. Will contain two and three room apartments. Plans complete and figures to be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, M. H. Gnecco. Location, south Washington east Van Ness. Will contain a number of three and four room apartments. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Apartment house alteration, 2 story and base, frame and concrete, $10,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, W. H. Heywood. Location, 2119 Addison street. At present the building os arranged for stores and single rooms. Work will include exterior facing of brick, carpentry work, plumbing, electric work, painting and plastering. Plans are complete and figures being taken.

FRESNO, FRESNO CO., CAL.—Apartment house, 3 story and base, brick, $40,000. Architect, none. Owner, George Schorling, 2124 Stanislaus street, Fresno. Location, west I street between Tuolumne and Stanislaus. Will be arranged for a total of 24 apartments of two and three rooms. Plans being prepared.

LODI, SAN JOAQUIN CO., CAL.—Apartments and stores, 2 story and base, frame. Cost not stated. Architect, none. Owner, W. H. Cutts, Lodi. Will contain stores on the first floor and six apartments on the upper floor. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house alteration and additions, 2 story, brick. Cost not stated. Architect, James T. Narbett, 906 Macdonald avenue, Richmond. Owners, California Home Builders. Location, 3rd and Ohio streets. The building to be altered is now used as a lodge hall. Work will include interior and exterior alterations and the addition of several rooms. Plans complete and figures being taken.

BANKS

SACRAMENTO, CAL.—Bank and offices. Class A construction. Cost not stated. Architect not selected. Owners, Sacramento Bank. Announcement has been made in Sacramento that the Sacramento Bank has made a flat offer to the Land Estate for the purchase of the southeast corner of 7th and K streets. The announcement states that the bank has offered $225,000 for the property. No selection of an architect has been announced.

BONDS.

NICOLAUS, SUTTER CO., CAL.—An election has been called for February 17th to decide the question of issuing and selling bonds of $500,000 for improvement work in Reclamation District No. 1001.

YREKA, SISKIYOU CO., CAL.—The County Supervisors have authorized Chairman E. H. Kaupp to sign the Fort Jones Grammar School bonds which were recently purchased by the Lumbermen's Trust Company of Portland, Ore., for $10,807. It is expected bids will shortly be called for the construction of the new school building, so as to have it ready for occupancy for the fall term of school.

CHICO, BUTTE CO., CAL.—An election has been called for February 28th to decide on the formation of a lighting district in the Chico-Vecino District.

SAN JOSE, SANTA CLARA CO., CAL.—March 15th is the date set by the County Supervisors to vote bonds of $1,500,000 to complete the highway system in Santa Clara County. Upward of 200 miles of new roads are proposed to be built, all of them of a permanent character, with permanent bridges and culverts and a large portion of them paved with material of state highway standard.

MERCED, MERCED CO., CAL.—The Los Banos School District bonds of $63,000 have been sold, and construction on the improvements planned will be started shortly.

WOODLAND, YOLO CO., CAL.—March 5th is the date set by the Supervisors to sell bonds of $30,000 which will finance the construction of a new school for the Washington School District in Yolo County.

SPARKS, NEV.—Bonds of $30,000 have been voted for a new school building. To the $30,000 will be added $45,000 which were voted some time ago, thereby making a total of $75,000 for building improvements.

YREKA, SISKIYOU CO., CAL.—The Trustees of the Siskiyou Union High School District have received a petition from McCloud Weed, Dorris and Fort Jones, asking that branch high schools be established at those places. A bond election will be called when the district will be asked to vote $70,000, which will be distributed as follows: Yreka, $45,000 and $5,000 each for McCloud, Weed, Sisson,, Dorris and Fort Jones.

ANDERSON, SHASTA CO., CAL.—The matter of reorganizing the irrigation district six miles west of Anderson, to be known as the Happy Valley District, has met with favor by property owners and others interested, and it is probable that an election will be called shortly to vote bonds to finance the project. It is the intention to bond the district for $200,000 which will irrigate 118,000 acres.

TURLOCK, STANISLAUS CO., CAL.—Following the defeat of the $100,000 bond issue for a new high schoo l, the school board has decided to call an election for March 3rd to vote $65,000 as it is thought that an issue of this amount will carry.

PARADISE, BUTTE CO., CAL.—The Paradise Irrigation District has voted bonds of $350,000 which will finance the construction of a reservoir and ditches for the proposed district.

STOCKTON, SAN JOAQUIN CO., CAL.—School buildings in Stockton are being overcrowded and it is probable that an election to vote bonds for new buildings and additions to the present structures will be called.

AUBURN, PLACER CO., CAL.—The proposition to vote bonds of about $150,000 for the paving of a road between Colfax and Auburn is being considered throughout Placer County.

FAIRFIELD, SOLANO CO., CAL.—The Solano County Supervisors have declared their intention of erecting a new county hospital.

RIVERSIDE, RIVERSIDE CO., CAL.—Word has been received here that the Carnegie Corporation has offered to give $35,000 for a new library if $30,000 is given by the Riverside Library Board.

BERKELEY, ALAMEDA CO., CAL.—The City Council is planning a $2,000,000 bond issue to acquire a municipal

water distributing system for Berkeley. It is probable that the election will be held in April.

OAKLAND, ALAMEDA CO., CAL.—George S. Hill, engineer with the Scherzer Rolling Lift Bridge Company, has filed detail plans with the City Council of Oakland for the proposed estuary bridge which is planned to span Webster street. Hill detailed to the members the plan of construction and estimated the cost price of the actual engineering in connection with the span of $450,000. This does not allow for the condemnation or purchase of terminals on the Alameda and Oakland sides. It is figured that the additional item will be about $500,000, making an estimated total cost of the project of about one million.

BRIDGES AND DAMS.

REDWOOD CITY, SAN MATEO CO., CAL.—Bridge, reinforced concrete, $1,000,000. Engineers, Weeks & Day, Phelan Bldg., S. F. Owners, Alameda and San Mateo Counties. Consulting Engineers Weeks & Day, have prepared preliminary studies for an ornamental reinforced concrete bridge to be erected jointly by San Mateo and Alameda Counties over the bay at Dumbarton, a short distance from Redwood City.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the last meeting of the Santa Clara County Supervisors the County Engineer was instructed to prepare plans and specifications for a reinforced concrete bridge over the Los Gatos Creek at Wright station, and a reinforced concrete bridge on Foxworthy road near the Van Dorsten place. Bids will be called for on completion of plans.

COLUSA, COLUSA CO., CAL.—Bridge, steel and reinforced concrete. Engineer, County Surveyor, Colusa. Owners, Colusa and Glenn Counties. John Ryan is engaged in preparing an estimate of the cost of constructing the proposed Princton bridge, which is to be constructed by Glenn and Colusa Counties. Colusa has alread set $50,000 aside for its construction and Glenn County last year made a levy which put into the fund $35,000. According to Ryan's figures, the bridge will cost in the neighborhood of $200,000, a much greater amount than previously estimated.

SAN FRANCISCO—Pier construction, reinforced concrete. Cost not stated. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be called for sometime this month for the construction of Pier No. 31, a new reinforced concrete pier 150 by 800 feet, and for a concrete bulkhead wharf in front of Pier No. 9. Bids will also be called for shortly for widening Pier No. 40 and constructing railroad tracks thereon. Plans for this work have been completed and are now up for approval by the State Advisory Board.

HANFORD, KINGS CO., CAL.—Bridges and culverts.. Cost not stated. Engineer, County Surveyor, Hanford. Owners, Kings County. Bids will be opened on February 17th at 10:30 a. m. for constructing bridges and culverts on highway No. 1, division No. 4 (Lemoore to Browndale). The quantities to be bid on are as follows: (1) 275 cubic yards of class A concrete; (2) 75 cubic yards of class B concrete; (3) 21,000 pounds of steel.

SEATTLE, WASH.—Bridges, draw span, steel and concrete, $70,000. Engineer, City Engineer, Seattle. Owners, City of Seattle. Plans have been completed in the office of the City Engineer for the construction of the draw span over the West Waterway at West Spokane street. The bridge will be 293 feet long with 1,400 feet of approach. It will provide for a double track of car line and a five-foot sidewalk. It is estimated to cost $70,000. After approval of the plans by the City Board bids will be called.

Contract Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Bridges and culverts, timber construction, $3,011. Engineer, County Surveyor Quail, Stockton. Owners, San Joaquin County. Contractor, M. B. White, 722 North San Joaquin street, Stockton. Contract price, $3,011.

CHURCHES.

LODI, SAN JOAQUIN CO., CAL.—Church, 2 story and base, frame, $25,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Methodist Episcopal Church. Will contain main auditorium, Sunday school rooms and social hall. Plans being prepared.

TROPICO, LOS ANGELES CO., CAL.—Mausoleum, 1 story, reinforced concrete and stone, $100,000. Architect, T. Pattesron Ross, 310 California street, S. F. Owner's name not given. Designed in the classic style and will provide for about 3,000 nitches. Preliminary plans only prepared.

FACTORIES AND WAREHOUSES.

EMERYVILLE, ALAMEDA CO., CAL.—Warehouse, 1 story, brick. Cost not stated. Engineer, L. S. Rosener, Insurance Exchange Bldg., S. F. Owners, Paraffine Paint Co. Plans have been completed for the new warehouse building which will form one of the units of the linoleum factory to be constructed. Three other buildings are included in the construction program. Bids are now being taken for the warehouse.

PETALUMA, SONOMA CO., CAL.—Warehouse, 1 story, brick. Cost not stated. Engineer, L. S. Rosener, Insurance Exchange Bldg., S. F. Owners, Golden Eagle Milling Co. Location, East Petaluma. Will cover a ground area of 60 by 300 feet. Plans being prepared.

FIRE HOUSES AND JAILS.

Contract Awarded.

SAN RAFAEL, MARIN CO., CAL.—Fire house, 2 story, reinforced concrete, $10,958. Architects, Masten & Loubet, First National Bank Bldg., S. F. Owners, Town of San Rafael. Contractor, J. A. Kappenman, San Rafael. Contract price, $10,958. A complete list of these bids will be found under the heading of Bids Opened in this issue.

FLATS.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $5,000 each. Architect, none. Owners, Hemminga Bros., 40 Ashbury street, S. F. Location, east Ashbury north Grove. Each buildisg will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $5,000 each. Architect none. Owner, [illegible] 18th avenue, S. F. Location, east [illegible] avenue north Clement. Each building will contain two flats of six rooms each and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2 [illegible] and base, frame, $4,000. Architect, [illegible] Coleman, Clunie Bldg., S. F. Owner, [illegible] Frankenstein, 2880 16th street, S. F. Location, east Shotwell [illegible] street. Will contain a stone on the first floor and a five-room flat above. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2 [illegible] and base, frame, $7,000. Architect, Lewis & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. Location, Oakdale and Phelps streets. Will contain one store and two flats. Plans being figured.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $6,000 each. Architect, none. Owner, P. D. Tyler, 115 9th avenue, S. F. Location, east 27th avenue west Clay. Each building will contain two flats of five and six rooms, baths and basement garage. Plans complete and work to be done by Day Labor.

GARAGES.

OAKLAND, CAL.—Garage, 1 story, brick. Cost not stated. Architect, W. D. Reed, Oakland Bank of Savings, Oakland. Owner's name withheld. Location, 24th and Webster streets. Will cover a considerable ground area and will be used for a commercial garage. Plans are being prepared.

CHICO, BUTTE CO., CAL.—Garage and sales rooms, 1 story and base, reinforced concrete,, $8,000. Architect, Chester Cole, Waterland Bldg., Chico. Owners, J. W. Konning, Henry Haile and Miss Lettie Miller. Location, Main street near 4th, covering an area of 60 by 132 feet. Will contain retail sales room and office in the front portion of the building and a commercial garage in the rear. Plans being prepared.

Contract Awarded.

YREKA, SISKIYOU CO., CAL.—Garage, 1 story, brick and concrete, $9,000. Architect, Henry Smith, Humboldt Bank Bldg., S. F. Owner, C. Abshire. Contractors, Calkins & Cooper, Yreka. Contract price, $9,000.

GOVERNMENT WORK & SUPPLIES

San Francisco Circular 147.

The following awards have been been made by the depot quartermaster, San Francisco, Cal., under office circular No. 147, opened December 29, 1913:

Bid 1. W. & J. Sloan, 740 Sutter street, San Francisco, Cal.
2. L. Feldmann & Co., 3022 21st street, San Francisco, Cal.
3. California Casket Co., 959 Mission street, San Francisco, Cal.
4. Henry D. Peabody & Co., 310 California street, San Francisco, Cal.
5. John Rothschild & Co., Market and Spear streets, San Francisco, Cal.
6. Johnson & Joseph Co., 34 Sacramento street, San Francisco, Cal.
7. Marshall-Newell Supply Co., 142 Steuart street, San Francisco, Cal.
8. Bowers Rubber Works, 68 Sacramento street, San Francisco, Cal.
11. Dolliver & Bros., 619 Mission street, San Francisco, Cal.
13. The Heyman Weil Co., 720 Mission street, San Francisco, Cal.
14. Harbison & Gathright, Louisville, Ky.
16. Keystone Bros., 120 2d street, San Francisco, Cal.
18. Haller-Cunningham Electric Co., 428 Market street, San Francisco, Cal.
19. Universal Trading Co., 220 4th avenue, New York city.
21. International Harvester Co., Monadnock Bldg., San Francisco, Cal.
23. Fisk Rubber Co., of New York

1421 Van Ness avenue, San Francisco Cal.
26. S. H. Frank & Co., 116 Battery street, San Francisco, Ca.
27. American Rubber Mfg. Co., 110 Mission street, San Francisco, Cal.
28. A. W. Pike & Co., 711 Mission street, San Francisco, Cal.
29. The Perkins Campbell Co., Cincinnati, O.
30. Eagle Tannery, 26th and San Bruno streets, San Francisco, Cal.
31. W. P. Fuller & Co., 301 Mission street, San Francisco, Cal.
32. Pacific Hardware & Steel Co., 7th and Townsend streets, San Francisco, Cal.
34. Pacific Metal Works, 157 1st street, San Francisco, Cal.
35. Herbert P. Dugan, 1170 Sutter street, San Francisco, Cal.
36. Dunham, Carrigan & Hayden Co., 140 Kansas street, San Francisco.
37. Plant Rubber and Supply Co., 32 Peak street, San Francisco, Cal.
38. C. J. Hendry Co., 27 Main street, San Francisco, Cal.
40. Standard Oil Co., 200 Bush street, San Francisco, Cal.
41. The Hettrick Bros., Co., Toledo, Ohio.
44. Baker & Hamilton, 4th and Brannan streets, San Francisco, Ca.
45. Electric Appliance Co., 807 Mission street, San Francisco, Cal.
47. Sun Tent and Awning Co., 54 Washington street, San Francisco, Cal.
48. Weeks-Howe-Emerson Co., 90 Market street, San Francisco, Cal.
49. Richard C. Hyland, 310 Sansome street, San Francisco, Cal.
50. Gorham Fire Apparatus Co., 127 Mission street, San Francisco, Cal.
51. Western Trading Co., 24 California street, San Francisco, Cal.
52. M. Greenberg's Sons Co., 225 Beale street, San Francisco, Cal.
53. The Geo. Lawrence Co., Portland, Ore.
54. Yates & Co., 762 Folsom street, San Francisco, Cal.
59. Coffin-Redington Co., 35 2d street, San Francisco, Cal.
62. J. Spencer Turner Co., 86 Worth street, New York city.

Item 1. 360 pans, stew, 17.25c ea, bid 36.
2. 240 do, 3 qt, 21c ea, do.
3. 3,000 lbs acid, oxalic, 58c lb, bid 35.
4. 125 gals ammonia, 90c gal, bid 59.
5. 5 anchors, kedge, 12c lb, bid 38.
6. 5 do, 350 lbs ea, 12c lb, do.
7. 500 bags, nose, $1.56 ea, bid 29.
8. 12 blocks, tackle, galv, $1.63 ea, bid 51.
9. 4 do, 14 in, $19.75 ea, bid 38..
10. 1,000 bolts, machine, ¼ in by 1 in, $1 per 100, bid 33.
11. 300 do, 1 in by 10 in, $19.25 per 100, do.
12. 300 do, 1 in by 11 in, $20.30 per 100, do.
13. 200 lbs brass, rod, 2 in, 60c lb, bid 34.
14. 200 lbs brass, sheet, 67c lb, do.
15. 100 breechings, $3.57 ea, bid 29.
16. 1,000 brooms, coir, deck, 60c ea, bid 2.
17. 1,000 brushes, 45¼c ea, bid 13.
18. 50,000 yds burlap, 40 in, 8.87c yd, bid 47 for part, and 9⅛c yd, bid 49 for part..
22. 5,000 yds canvas, white No. 1, 22 in, 45.3625c yd, bid 62.
23. 5,000 yds do, No. 2, 22 in, 42.5c yd, bid 41.
24. 500 yds do, No. 2, 24 in, 53.8375c yd, bid 62.
25. 500 yds do, No. 2, 72 in, $1.332375 yd, do.
26. 300 yds do, No. 6, 24 in, 37.5c yd, bid 41.
27. 300 yds do, No. 6, 26 in, 38.25c yd, do.
28. 500 yds do, No. 7, 42 in, 58.75c yd, do.
29. 1,000 ft chain, BBB, coil, ⅞ in, $8.05 per 100 lbs, bid 6.
30. 2,000 ft do, ¾ in 9.75c lb, bid 38.
31. 1,000 charges, fire extinguisher, 91c ea, bid 50.
32. 50 charges Lyle gun, $3.25 ea, bid 6.
35. 100 clips, wire rope, ⅞ in, $13 per 100, bid 33.
37. 10 rms cloth, emery, No. 00, $13.71 rm, bid 51.
38. 10 rms do, No. 0, $13.74 rm, do.
39. 5 rms do, No. ½, $13.86 rm, do.
40. 10 rms do, No. 1, $14.77 rm, do.
41. 5 rms do, No. 1½, $15.67 dm, do.
42. 10 rms do, No. 2, $17.11 rm, do.
43. 100,800 ft clothesline, cotton, 3-16 in, $3.90 doz hanks, bid 44.
44. 50 cloths, polishing, 53c ea, bid 19.
45. 300 lbs compound, welding, 9.6c lb, bid 36.
46. 12 coolers, water, metal, 3-gal, $1.75 ea, bid 36.
47. 12 do, 6-gal, $2.80 ea, do.
48. 6 do, 8-gal, $3.30 ea, do.
49. 26 do, 6-gal, $4 ea, do.
50. 2 do, 11-gal, $6.75 ea, do.
51. 50 sets couplings, hose, 50c set, bid 37.
52. 10 sets do, ¾ in, 70c set, bid ..
53. 20 sets do, 1¼ in, $1.50 set, bid 37.
54. 10 sets do, 1½ in, $1.80 set, do.
55. 200 lbs fabric, friction, 75c lb, bid 23.
56. 570 fasteners, curtain, 95c doz, bid 53.
57. 576 do, prong, 75c doz, do.
58. 1,000 floats, cedar, seine, $21, bid 48.
59. 20 fuses, glass, 6 amp, $0.80, bid 16.
60. 100 gaskets, gauge glass, ½ in, $1.01, bid 51.
61. 300 do, ⅝ in, $1.18 per 100, do.
66. 100 glasses, gauge, 7 in by 16 in, 15c ea, bid 37.
67. 200 do, ¾ in by 18 in, 16.5c ea, do.
68. 5,000 lbs glue, marine, dry, 16.85c lb, bid 48.
69. 6 guards, lamp, portable, $2.20 ea, bid 46.
72. 10,000 hondles, mop, $1.315 doz, bid 36.
73. 10,000 ft hose, fire, 61c ft, bid ..
74. 1,000 ft do, water, 4-ply, 2 in, 38.5c ft, bid 27.
75. 1,000 ft do, 2½ in, 47c ft, do.
76. 150 lbs hydrogen, peroxide, 17.75c bot, bid 59.
77. 1,000 lbs iron, galv, round, 6.1c lb, bid 38.
78. 1,000 lbs do, ⅝ in, 6.1c lb, do.
79. 5,000 lbs iron, galv, sheet, 20 gauge, 18 in by 96 in, 7.85c lb, bid 33.
80. 5,000 lbs do, 18 gauge, 7.55c lb, do.
81. 5,000 lbs, do, 20 gauge, 7.25c lb, do.
84. 15,000 lbs do, 24 gaugge, 7c lb, bid 44.
85. 1 jackscrew, cast iron, 6 in, $3.25, bid 33.
86. 1 key, telegraph, 7 in, $25, bid 18.
87. 1,000 lbs leather, bridle weight, $1 lb, bid 30.
88. 1,000 lbs do, skirting, $1.04 lb, bid 26.
89. 1,000 lbs do, trace, black, 89c lb, bid 30.
90. 500 lbs do, trace, russet, $1.04 lb, bid 26.
91. 200 lbs do, rigging, 35c sq ft, bid 6.
92. 4 lights, side, brass, No.. 7, $2.60 ea, bid 38.
93. 25 do, No. 8, $5.50 ea, bid 48.
94. 4 do, No. 9, $7.85 ea, do.
95. 4 do, No. 10, $8.70 ea, do.
96. 4 do, starboard, No. 8, $5.50 ea, bid 48.
98. 300 mats, door, cocoa, 18 in by 30 in, $1.12 ea, bid 13.
99. 50 do, 22 in by 36 in, $1.495 ea, bid 1.
100. 250 mops, swab, cotton, 21 lb ea, bid 19.
101. 200 do, yacht, cotton, 46.4c ea, do.
102. 1,000 nails, upholsterers, $2.15 per M, bid 33.
103. 1,000 do, round head, 90c per M, bid 36.
104. 200 nozzles, hose, brass, ¾ in, 40c ea, bid 33.
105. 24 oars, ash, 8 ft, 8.5c ft, bid 38.
106. 50 do, 10 ft, 8.75c ft, do.
107. 30 do, 14 ft, 15.75c ft, bid 18.
108. 1 outfit, embalming, $41.50 bid 3.
109. 200 lbs packing, asbestos, 68c lb, bid 37.
110. 200 lbs do, in 1 lb balls, 68c lb, do.
113. 3,500 lbs paint, dry, 11.80c lb, bid 54.
114. 3,400 lbs do, neutral blanc, 67⅛c lb, do.
116. 5,000 lbs do, white lead, in 50 lb kegs, 9.73c lb, bid 31.
117. 5,000 lbs do, in 100 lb kegs, 9.73c lb, do.
118. 14,000 rivets, tubular, copper, 6-16 in, No. 1, $1.80 per M, bid 11.
119. 20,000 do, 7-16 in, No. 1, $1.95 per M, do.
120. 20,000 do, 8-16 in, No. 1, $2.10 do.
121. 20,000 do, 9-16 in, No. 1, $2.15, do.
122. 18,000 do, 8-16 in, No. 1, $2.05, do.
123. 20,000 rivets, iron, tubular, 75c per carton, bid 11.
124. 20,000 do, 7-16 in, 60c, do.
125. 20,000 do, 9-16 in, 75c, do.
126. 36 snaps, harness, $3.10 doz, bid 53.
127. 100 straps, harness, 55c ea, bid 16.
128. 100 lbs thread, linen, 8.94 lb, bid 5.
129. 50 prs traces, harness, $7.75 pr bid 16.
130. 200 lbs thread stock, 49.5c lb, bid 14.
131. 1 valve, safety pop, 2 in, $3.85, bid 7.
132. 100 lbs vaseline, 10c lb, bid 40.
133. 400 lbs wax, bees, pure, 33c lb, bid 59.
134. 1 whistle, steam, $1.88, bid 33.
135. 1 spool wire, fuse, 29c lb, bid 46.
136. 1 spool do, 75 amps, 29c lb, do.
137. 1 spool do, 80 amps, 45c lb, do.
138. 3,000 lbs wire, galv, No. 16, 5.3c lb, bid 44.
140. 15,000 lbs zinc, plates, 20.6c lb, bid 4.
141. 100 mowers, lawn, hand, $9.50 ea, bid 36.
142 to 166. 706 pts, for Deering Ideal 2-horse mower, knife heads, 6 ft, 17c ea; knife heads, 4½ in, 30c ea; pitman heads, 6 ft, 17c ea; knife heads, 4½ in, 30c ea; pitman box straps, 11c ea; pitman bows, 28c ea; pitman straps, 13c ea; knife heads, 6 or 7 in, 17c ea; knife head clips, 7c ea; inner shoes, $2.75 ea; wood pitmans, 22c ea; sole for inner shoes, 55c ea; bolts for guard, 3c ea; bolts for guard and slip, 3c ea; lifting levers, $2.31 ea; bolts for knife heads, 5c ea; bolts for pitman bow, 5c ea; bolts for grassboard, 11c ea; pitmans, $1 ea; tilting lever plunger, 11c ea; bolts for inner shoe to bar, 11c ea; section rivets, 10c lb; pitman socket bolts, 5c ea, bid 21.
167. 50 lbs brads, steel wire, No. 12 1 in, 6c lb, bid 36.
168. 25 lbs do, No. 11, 1¼ in, 6c, do.
169. 100 lbs do, No. 15, 1 in, 6.6c, do.
170. 100 lbs do, No. 15, 1¾ in, 6c, do.
171. 50 lbs do, No. 16, ¾ in, 8.6c, do.
172. 200 lbs do, No. 16, 1 in, 7.2c, do.
173. 25 lbs do, No. 17, ½ in, 15c, do.
174. 600 prs butts, steel, $1.20 doz prs, bid 28.
175. 600 prs do, reversible, $2.12 doz prs, bid 44.
176. 3,163 lbs iron, flat, 3.85c lb, bid 44.
177. 96 latches, night, $16 doz, bid 28.
178. 10,000 lbs nails, steel wire, 4d, 4.5c lb, bid 44.
180. 10,000 lbs do, 8d, 3.85c lb, do.
181. 10,000 lbs do, 10d, 3.8c lb, do.
182. 20,000 lbs do, 20d, 3.75c lb, do.
183. 500 nuts, cold punched, 13.2c lb, bid 36.
184. 30 gro screws, wood, 95.6c gro, bid 19.
185. 15 gro do, 1 in, No. 11, $1.15 gro, bid 44.
186. 30 gro do, 1¼ in, No. 9, $1.40 gro, do.
187. 50 gro do, 1¼ in No. 12, $2 gro, do.
188. 15 gro do, 2½ in, No. 9, $4.28 gro, bid 19.
189. 50 gro, do, 2½ in, No. 10, $4.32 gro, do.
190. 20 gro screws, wood, iron, 19c gro, bid 41.
191. 10 gro do, ¾ in, 22c gro, do.
193. 100 gro do, 1 in, 24c gro, do.
194. 480 springs, door, $1.50 doz, do.
195. 480 do, 12 in, $2.50 doz, do.
196. 100 lbs tacks, copper, 1 in, 52c lb, bid 48.
197. 960 pcgs do, No. 10, 16.9c, do.
199. 1,920 pkgs do, No. 12, 15.7c, do.
200. 576 pkgs do, tinned, 8 oz, 20c lb, bid 44.
202. 144 pkgs do, 10 oz, 20c lb, do.

Bakersfield, Cal., Post Office.

All bids received January 15 by the supervising architect, Washington, D. C., for constructing U. S. post office at Bakersfield, Cal., have been rejected.

Salt Lake City, Utah, Lift.

The following bid was received by the supervising architect, Treasury Department, Washington, D. C., January 25, for the installation complete of a hoistway, hydraulic freight lift, etc., in the U. S. post office and court house at Salt Lake City, Utah:

Otis Elevator Co., Washington, D. C., $3,435, 100 days.

Cylinder Gates.

Under authority of the Secretary of the Interior contract has been awarded to the Vulcan Iron Works, of Denver, Colo., for furnishing butterfly and cylinder gates for use in connection with the McDonald and Tabor reservoirs on the Flathead irrigation project, Montana. The contract price for the gates, delivered f. o. b. Denver, Colo., is $15,996.

HALLS AND SOCIETY BUILDINGS.

VALLEJO, SOLANO CO., CAL. Lodge hall, 3 story and base, brick, steel and concrete, $90,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Temple Association. Will contain large lodge halls and offices. Plans compete and figures to be called for at once.

HOSPITALS

YUBA CITY, SUTTER CO., CAL.—Hospital, 2 story and base, frame or concrete, $20,000. Architect, Chester Cole, Waterland Bldg., Chico. Owners, Sutter County. Will contain private rooms and wards. Plans are being prepared. Bids will be called for about March 1st and will be taken for frame and plaster construction and also for reinforced concrete.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Hospital, 2 story and base, frame. Cost not stated. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owners, Dr.. Dolly et al. Designed for a private institution but will contain some wards as well as private rooms, office and operating room. Plans being prepared.

HOTELS.

BERKELEY, ALAMEDA CO., CAL.—Hotel alteration, 2 story, frame, $1,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, J. Bauml. Location, northwest University and Shattuck avenues. Work will consist of painting, electric work, plumbing and roofing. Plans complete and work to be done by Day Labor.

SEATTLE, WASH.—Hotel addition, 5 story, reinforced concrete, $150,000. Architect, J. L. McCauley, New York Block, Seattle. Owners, Rainier Heat and Power Co. Location, Maynard avenue and Jackson street, covering an area of 105 by 120 feet. The new portion will add some 200 rooms to the present hotel. Plans will be completed and figures called for within 60 days.

Contract Awarded.

COLUSA, COLUSA CO., CAL.—Hotel addition, 3 story, frame, $17,838. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owners, Riverside Hotel. Contractor, L. S.. Lewis, First National Bank Bldg., Berkeley. Contract price, $17,838.

POST OFFICES.

BAKERSFIELD, KERN CO., CAL.—Post office, 2 story and base. Class A construction. Cost not stated. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Word has been received by Postmaster Klipstein of Bakersfield that bids for the Bakersfield post office have been rejected and plans will go under revision immediately. All bids were above the amount available for construction.

Contract Awarded.

WENATCHEE, WASH.—Post office, 2 story and base, brick, steel and stone, $74,225. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Contractors, Sound Construction Co., Immigration Bldg., Seattle. Contract price, $74,225.

POWER PLANTS.

CHICO, BUTTE CO., CAL. Water system. Cost as follows: Engineer, C. M. Burleson, 785 Market street, S. F. Owner, Dennis Murphy, Chico. C. M. Burleson has been employed by Dennis Murphy of Chico to appear before the City Trustees to urge them to buy a site from Murphy for the construction of a municipal power plant. The site is on Deer Creek. It is estimated by Burleson that $477,838 would be necessary for the construction of the plant, and in this sum he includes an additional sum for any unforseen accidents or disabilities that the work of constructing the plant might encounter. The watershed subsidiary to the dam and canal would cover an area of over 175 square miles, from the dam to the power house a five-mile canal would be necessary for the feeding of the plant. Many Chico business men are interested in the proposed work and will meet with Burleson to find if the project is practicable. The Trustees have been considering the matter for some time and it is probable that an early decision will be rendered.

RAILROAD CONSTRUCTION AND EQUIPMENT

SAN FRANCISCO — Railroad ties. Cost not stated. Engineer, none. Owners, Hadjopoulos & Sperco, 29 Broadway, New York. Hadjopoulos & Sparco, Inc., 29 Broadway, New York city, have written the San Francisco Chamber of Commerce asking that they be placed in touch with dealers in redwood and douglas fir railroad ties. Further information may be had direct from the applicants or from the Chamber of Commerce, Merchants' Exchange Building.

MERCED, MERCED CO., CAL.—Depot, 1 story, frame, $11,000. Architects, Engineering Department Santa Fe R. R. Co., L. A. Owners, Santa Fe Railroad Co. Plans for the new passenger depot to be erected on the Santa Fe property are being revised.

SAN FRANCISCO—Terminal warehouses, etc. Cost as follows. Engineer, Engineering Department S. P. Co., Flood Bldg., S. F. Owners, Southern Pacific Co. At a late hour Monday afternoon the Board of Supervisors was still in session over the proposition put up to them by President Sproule of the Southern Pacific Co., relative to a transfer of property or a long term lease affecting the city's waterfront lands, comprising three blocks on Channel street. The Southern Pacific Co. announces that it will spend $10,000,000 on the construction of a terminal warehouse site, yards and docks on the property if the city will enter into the lease or transfer.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect, none. Owner, David Nordstrom, 244 Kearny street, S. F. Location, west 19th avenue north Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, Herman Barth, 12 Geary street, S. F. Owner, Dr. G. Dresel. Location, east Baker near Green. Will contain ten rooms, three baths and basement

[illegible] Plans complete [illegible] being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, $[illegible]. Architect, none. Owner, E. [illegible] & [illegible], 2701 Lincoln Way, S. F. Location, 29th avenue north Cabrillo. Each dwelling will contain seven rooms, bath and garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect [illegible]. Owner, David Nordstrom, 244 Kearny street, S. F. Location, west 19th avenue north Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $2,000. Architect, E. Reichel, 1227 Shafter avenue, S. F. Owner, C. Z. Sutton. Location, east Carr avenue south Salinas. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $8,000. Architects, Milwain Bros., Albany Bldg., Oakland. Owner, Andrew Dalziel. Location, Crocker Terrace. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, $4,000. Architect, none. Owner, C. E. Carlson, 1941 Berkeley Way, Berkeley.. Location, west Ross south Harwood avenue. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $2,500. Architect, none. Owner, A. E. Murcell, 929 Kirkham street, Oakland. Location, northwest 38th avenue and Quigley street. Will contain eight rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, Claude B. Barton, First Trust Bldg., Oakland. Owner's name withheld. Location, Piedmont Manor. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, $4,600. Architect, H. K. Lovell, 6448 Benvenue avenue, Oakland. Owner, M. J. Hollested. Location, north Lake street west Spring. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, E. W. Jackson, 2640 Haste street, Berkeley. Location, west Spruce north Cedar. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 2 story and base, frame, $1,500 each. Architect, none. Owner, E. M. Marquis, 2827 Russell street, Berkeley. Location, west 54th avenue south East 14th street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, William J. Baker, 540 28th street, Oakland. Location, west Mabel south Derby. Will contain five rooms and bath. Plans

concrete and work to be done by Day Labor.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 1 and 2 story and base, frame and concrete, $5,000. Architect, Louis Christian Mullgardt, Claus Spreckels Bldg. S. F. Owner, Ansel Easton. Location, Mt. Diablo Park. Will contain [illegible] several bed- and sleeping porches. Garage and other out buildings will be erected. Plans being prepared.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William Knowles, Hearst Bldg., S. F. Owner, Louis Hemerick. Location, Mt. Diablo Park. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans being prepared.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William Knowles, Hearst Bldg., S. F. Owner, Judge Melvin. Location, Mt. Diablo Park. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans being prepared.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, William Knowles, Hearst Bldg., S. F. Owner, J. B. John. Location, Mt. Diablo Park. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, None. Owner, T. J. Reese, 1298 Elmhurst street, Fresno. Location, Alta Vista Tract. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $4,100. Construction Manager Frederick Whitton, 251 Kearny street, S. F. Owners, Wickham-Havens Co. Location, Gerard avenue and Boulevard Way. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residences, 4, 1 story and base, frame, $2,500 each. Architect, none. Owner, A. A. Russell. Location, Lakewood Park. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,700. Architect, none. Owner, Mathew Morton, Builders' Exchange, Richmond. Location, 8th street near Ripley. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owner, W. O. Kilborn, 456 1st street, Richmond. Location, 19th and Dunn streets. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

HERCULES, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame. Cost not stated. Architect, James T. Narbett, 906 Macdonald avenue, Richmond. Owners, Hercules Powder Co. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1½ story and base, frame, $3,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, C. G. Gall. Location, north Eldorado and Elm. Will contain seven roms, bath and sleeping porch. Plans being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 1½ story and base, frame, $3,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mrs. A. Cohn. Location, Worth street. Will contain seven rooms, bath and sleeping porch. Plans are being prepared.

SCHOOLS.

PORTLAND, ORE.—School addition, 2 story and base, reinforced concrete, $70,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, East 69th street and Powell Valley road. Will contain fourteen class rooms and a large auditorium. Plans are being prepared.

OAKLAND, CAL.—College dormitory, 2 story, frame. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Mills College. Location, East Oakland. The directors and architects will meet shortly to decide upon the nature of construction and size of the building. A frame and plaster building somewhat in the nature of a large residence will probably be erected as the structure must be open by the beginning of the fall term. If possible construction will be of more permanent construction. About $100,000 is available for construction.

MODESTO, STANISLAUS CO., CAL.—School, 1 and 2 story, brick and concrete, $135,000. Architects, De Remer & Hewitt, Title Insurance Bldg., L. A. Owners, City of Modesto. The architects have reported to the Modesto Board of Education that plans and specifications for the new high school will be ready for figures by February 27th, 1917. The building will be 1 and 2 stories, brick and concrete, and will cover an area of 300 by 400 feet.

OAKLAND, CAL.—School equipment, etc. Cost not stated. Owners, Alameda County. Bids will be opened on February 19th for new equipment and material to be furnished to the Oakland School District of Alameda County and of Oakland High School District of Alameda County, said new equipment and material to consist of lathes, notching press, circular shears, cement stairs and walks, for Manzanita School.

EVERETT, WASH.—School, 2 story and base, brick or concrete, $50,000. Architect, B. F. Turnbull, Commerce Bldg., Seattle. Owners, City of Everett. Will contain twelve class rooms and an auditorium. Plans are being prepared.

SAN FRANCISCO—Residences, 3, 2 story an dbase, frame, $2,000 each. Architect, none. Owners, Co-aperative Home Builders, 1125 Fillmore street, S. F. Location, east Levant south States. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $2,500. Architect, P. Righetti, Phelan Bldg., S. F. Owner, S. Simon. Location, west Valencia south Railroad. Will contain five rooms, bath and a shop. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, George H. Noble, 2220 Central avenue, Alameda. Location, 2614 Lincoln avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owners, Morgenson Bros., 413 44st street, Oakland. Location, north 61st street east San Pablo avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, George S. Risher, 1814 Hearst avenue, Berkeley. Location, north Delaware east Grant. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $15,000. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Charles R. Page. Will contain twelve rooms, three baths and sleeping porches. Separate garage. Plans being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Mathew Klein, 6511 Raymond street, Piedmont. Location, Lakewood Park. Will contain six rooms, bath and sleeping prch. Separate garage. Plans complete and work to be done by Day Labor.

SEWERS, STREET WORK & WATER SYSTEMS.

OAKLAND, CAL. — Street improvement. Cost as follows. Engineer, City Engineer, Oakland. The Board of Supervisors of Alameda County has announced that they would receive open bids on the paving of their portion of San Pablo avenue, from the Oakland city line to the Contra Costa line. It is estimated that the the improvement will cost about $60,000.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. The County Supervisors have passed a resolution declaring that if the Santa Clara County Supervisors construct a highway in Santa Clara County through Bodfish Canyon to the county of San Cruz, they in return will construct a highway in San Cruz County to connect with the highway constructed by Santa Clara County.

WOODLAND, YOLO CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Woodland. Owners, City of Woodland. The City Trustees have ordered bids received up to February 26th at 8 p. m. for the construction of sidewalks in the following streets: East side of First street, from Beamer to Clover; west side of Fifth street, from Main to Oak; east side of Fifth street, from North to Court; both sides of Lincoln avenue, from Sixth to the Southern Pacific depot; both sides of Third street, from Pendegast to Gibson; both sides of Pendegast from Second to the Southern Pacific right of way; both sides of Bartlett, from College to First; both sides of Fourth from Cross to Hays; both sides of Clover street, from Walnut to a point 164 feet west of Walnut; south side of North street, from Cleveland to a point

150 feet west of Cleveland between side of Oak street, from Fourth to Fifth street, excepting those portions already laid on the official grades.

MARYSVILLE, YUBA CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Marysville. Owners, City of Marysville. Plans and specifications for a new street improvement district, to be known as Section No. 5, and to include thirteen blocks of the residence section, have been adopted by the City Council. The territory covered is: F street, 6th to 12, 12th street, E to G, E street, 8th to 10th; 10th street, E to F, and 8th street, D to F. The official grades for these streets and the curbings were also adopted. The improvements will include parking of E street, 8th to 10th, and on 10th street, E to F. Bids for the work will be called for shortly.

STOCKTON, SAN JOAQUIN CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. A resolution of intention has been passed by the City Council of Stockton calling for the improvement of nearly all streets located in the McCloud District of the city. Bids will be called for as soon as the time required by law for the publication of the resolution of intention expires.

SACRAMENTO, CAL. — Street improvements. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids will be opened on February 20th at 11 a. m. for street improvements authorized under the following resolutions: That the alley first south of Park avenue in J. Landers Addition "C," etc., be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; four concrete manholes; placing 62 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer; placing one 6-inch, vitrified, ironstone flusher branch complete, and backfilling the trenches.

That 38th street, from I street to J street, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer from the north line of J street to the center line of I street, constructing one concrete manhole; placing 18 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, and backfilling the trench.

That the easement granted to the city of Sacramento for the purpose of constructing therein a sewer in block 3, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8 inch, vitrified, ironstone pipe sewers, two concrete manholes; one 6-inch, vitrified, ironstone flusher branch; placing 13 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer; placing 6 1-inch, vitrified ironstone Y branches on 6-inch pipe sewer, and backfilling the trenches.

That the alley between Allen avenue and U street in the city of Sacramento be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer from the center line of the alley on the west side of lot 27 in T Street Addition to a point two feet westerly from the west line of 34th street, constructing two concrete manholes complete, with cast iron curbs and covers; placing 28 6-inch, vitrified, ironstone Y branches on 8-inch sewer and backfilling the trench.

That Terrace avenue, from 41st avenue and the alley west of Terrace avenue, in Bonita Terrace, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; three concrete manholes; one 6-inch, vitrified, ironstone flusher branch complete; placing 2 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the alley between Sylvan Way and Channing Way, in Wright & Kimbrough Subdivision No. 20, be improved by excavating a trench and constructing therein an 8-inch, ironstone pipe sewer; one concrete manhole; one 6-inch, vitrified, ironstone flusher branch complete; placing 2 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the easement granted to the city of Sacramento for the purpose of constructing therein sewers in block 4, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8-inch, vitrified, ironstone pipe sewers; two concrete manholes; 11 6-inch, vitrified, ironstone Y branches on 6-inch, vitrified, ironstone pipe sewer; placing two 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, and backfilling the trenches.

YREKA, SISKIYOU CO., CAL.—Highway grading, etc. Cost not stated. Engineer, County Surveyor, Yreka. Owners, Siskiyou County. The County Board of Supervisors at its last meeting adopted plans and specifications for the grading of a county road from the top of Forest House Mountain to the floor of the valley leading into Fort Jones, a distance of three and three-quarter miles. The plans of County Surveyor Sarter contemplate a roadbed 22 feet wide. Bids for the construction of this portion of the road will be opened on March 5th. Plans and further information relative to the work may be had from the County Clerk.

EUREKA, HUMBOLDT CO., CAL.—Street grading. Cost not stated. Engineer, City Engineer, Eureka. Owners, City of Eureka. The City Council has instructed the City Engineer to prepare plans and specifications for grading Buhne street, from O street to Fairfield street, and two blocks of Garland street adjacent to Buhne St.

YUBA CITY, SUTTER CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer Yuba City. Owners, Yuba City. Estimates on the proposed paving of streets in the business and residence districts of Yuba City have been received by the Board of Trustees. The streets included in th district are: Plumas, Bridge, Second, Yolo and Fairman. The matter of laying sanitary sewers preliminary to the street work has been taken up with Dr. J. H. Barr, the City Health Officer.

REDDING, SHASTA CO., CAL. — Street paving. Cost not stated. Engineer, City Engineer, Redding. Owners, City of Redding. The City Trustees have taken preliminary steps providing for the paving of eight blocks with asphalt. The blocks it is proposed to accepted plans and specifications preimprove are: California street, from Placer to Tehama—three blocks; Butte street, from Market to California—one block; Tehama street, from Market to California—one block; Market street, from Tehama to Shasta—one block.

[illegible] street, from the railroad to [illegible] street, two blocks.

STOCKTON, SAN JOAQUIN CO. CAL.—Street paving, etc., $5,779.96. Engineer, City engineer Stockton. Owners, [illegible] of Stockton. The City Council has [illegible] by the City Engineer for the improvement of Main street between Monroe and Lincoln streets.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The Supervisors will call for bids next week for part of the highway to be constructed through Oakdale. The unit from Thalheim to Oakdale is first to be built, then from Oakdale to the railroad crossing south of town. These two pieces of work and the half mile switch to connect the city paving with the Salida lateral will be grouped in one contract when bids are asked.

FRESNO, FRESNO CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be opened on February 19th for street improvements authorized under the following resolution: That the alley in block 38, from Kern street to Tulare street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a 1½-inch bitulithic wearing surface.

MADERA, MADERA CO., CAL.—Sewer system. Cost as follows. Engineer, City Engineer, Madera. Owners, City of Madera. City Engineer Stafford at the last meeting of the City Trustees submitted ways and means together with estimates of cost for handling the city sewage problem. Seven propositions were submitted by Stafford, and the following met with the approval of the Board: No. 4—City to buy 20 acres from Roberts Estate, being north half of northwest quarter of the northwest quarter of section 21, 11, 17; construct 3½ miles of 18-inch cement pipe and discharge sewage from septic tank into Fresno River. Cost—pipe, $11,000; land, 20 acres at $125 per acre, $2,500; septic tank, $5,000; total, $18,500. No action was taken.

BAKERSFIELD, KERN CO., CAL.—Electrolier system. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council of Bakersfiefild has instructed the City Engineer to prepare plans and specifications for installing of the electrolier lighting system here along Chester avenue, between 15th and 20th streets, and along 10th street, between M and F streets. The engineer's plans will provide for the installation of four 500-candle power electroliers to the block on each side of the street.

BAKERSFIELD, KERN CO., CAL.—Highway construction. Cost as follows. Engineer, County Highway Commission, Bakersfield. Owners, Kern County. The following bids were received by the Kern County Supervisors for highway work: For division 9, section 5-A, Bakersfield-Glennville road. W. A. Kettlewell & Sons, Kingsbury, $22,075.10; Mesmer & Rice, Los Angeles, $21,271.35; William Ledbetter, Los Angeles, $19,598.55; Ward C. Northcraft, Los Angeles, $17,734.55; Isabell Construction Co., San Diego, $21,071.13. For the ninth division of section 5 on same road: William Ledbetter, $21,972; Isabell Constr. Co., $19,264.40; W. A. Kettlewell & Son, $25,025.40; Hiner & Fisher, $19,543.15; Mesmer & Rice, $22,731.90, and Ward C. Northcraft, $[illegible]61.67. All bids were referred to

the County Highway Commission for report.

SAN RAFAEL, MARIN CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer San Rafael. Owners, City of San Rafael. The City Council has ordered bids received for improving certain streets in San Rafael with a Topeka or Warrenite surface. The contractors will be permitted to bid for their particular patent. Plans and further information may be had from the City Clerk.

SUNNYVALE, SANTA CLARA CO., CAL.—Street paving. Cost not stated. Engineer, Town Engineer, Sunnyvale. Owners, Town of Sunnyvale. At the last meeting of the Town Trustees, Town Engineer F. P. McCray was instructed to prepare plans and specifications for the paving of Murphy avenue from the north side of Washington avenue to the state highway. Bids will be called for on completion and approval of plans.

SEATTLE, WASH. — Highway construction. Cost as follows. Engineer, County Surveyor, Seattle. Owners, King County. Plans are now under way in the office of County Engineer Sam Humes for the hard surfacing of approximately 12 miles of road between Auburn and Enumclaw, to cost between $200,000 and $360,000, according to the class of pavement selected. Bids will probably be called for on various classes, including brick, concrete, wood block, asphaltic concrete, bitustone and others, and will be one of the largest contracts to be let in one sum in this county during the year.

Contract Awarded.

REDWOOD CITY, SAN MATEO CO., CAL.—Street improvements, $34,290.75. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The Board of Supervisors has awarded a contract to E. H. Sundberg, 215 Oakland Savings Bank, Oakland, for the improvement of the following streets: San Juan avenue, San Antonio avenue, San Felipe avenue, San Anselmo avenue, Santa Helena avenue, Santa Maria avenue, San Diego avenue, Santa Clara avenue, Santa Inez avenue, San Benito aveue, Santa Lucia avenue, Santa Domingo avenue, San Marco avenue, San Luis avenue, by grading the sidewalk area; construction of artificial stone sidewalks, 5 feet in width in the center of the sidewalk area; the construction of concrete curbs and gutters. Sundberg's bid was $34,290.75. Other bids submitted were as follows: M. E. Fernandez, $37,743.75; T. Mathieson, $35,667; T. J. Lindgren, $35,938.

OAKLAND, CAL.—Sidewalks. Cost as follows. Engineer, City Engineer, Oakland. Owners, City of Oakland. A contract for constructing sidewalks has been awarded under the following resolution: That cement sidewalks 6 feet wide be constructed on both sidewalks of 96th avenue, from East 14th street to B street. Awarded to J. Catucci, 1230 18th avenue, Oakland Cal., for 18c per square foot.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The contract for excavation work on the Crows Landing road on the west bank of the roadway for this branch of the county highway to be improved under the San Joaquin River to provide a new bond issue, has been let by the County Board of Supervisors to M. Blumenkranz of Stockton, at a bid of 7c per cubic yard. Six other bids were opened, the highest being 42½c a yard. County Engineer E. B. Annear has estimated that the excavation will require 15,000 cubic yards.

FRESNO, FRESNO CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Thompson Bros., 1514 H street, Fresno, has been awarded the contract for the paving of Inyo street, from Van Ness avenue to Santa Fe avenue, and the paving of the alleys in blocks 85 and 88.

HANFORD, KINGS CO., CAL.—Highway improvement. Cost as follows. Engineer, County Surveyor, Hanford. Owners, Kings County. Thompson Bros., 1514 H street, Fresno, have been awarded the contract by the Supervisors for the construction of 7½ miles of improved highway from Lemore to Brownsdale, they being the low bidders at $31,500. The only other bidder was Bent & Pennebaker at $40,804.

SACRAMENTO, CAL.—Sewer con- Highway coonstruction. Cost as follows. Engineer, County Highway Commission, Baflersfield. Owners, Kern County. The County Supervisors have awarded contracts for highway work as follows: For construction of division 9, section 5, Bakersfield-Glennville county highway, to Iasbell Construction Co., San Diego, for $19,264.40. For construction of division 9, section 5-A, of the Bakersfield-Glennville county highway, to W. C. Northcraft, for $17,734.55.

SACRAMENTO, CAL.—Sewerr construction. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. The City Commissioners have awarded street and sewer contracts as follows: To W. F. Edwards, 675 31st street, Oakland, Cal., No. 1, and J. W. Terrell, 1111 29th St., Sacramento, Cal., No. 2.

(1) That Railroad avenue, Dewey avenue, Schley avenue, Tulare avenue, the easement between lots 1 and 2, in Hill & Atkins subdivision No. 1; M St., in Larchmont Tract; the alley between Tulare avenue and Wolf avenue; the easement through the north four feet of the south 52.69 feet of lot 5 in Edwin Tullar subdivision, Phelan avenue, the street first south of Schley avenue in Schley P., extending from Dewey avenue; and the alley extending east therefrom, be improved by excavating a trench and constructing 8, 10, 12, 15, 18, 24 and 26-inch, vitrified, ironstone pipe sewers; constructing 27 concrete manholes complete with cast iron curbs and covers; backfilling the trenches.

(2) That the alley first north of California boulevard, from Capistrano avenue to Oats avenue; Carmel avenue, Bautista Ave.; the alley between Carmel avenue and Capistrano avenue; the alley between Bautista Ave and Carmel Ave.; the alley between Sierra Ave. and Bautista avenue; the alley first north of Williamson avenue, be improved by excavating a trench and constructing 10 and 12-inch, vitrified, ironstone pipe sewers; constructing 14 concrete manholes complete with cast iron curbs and covers; placing one 6-inch, vitrified, nronstone flusher branch complete; backfilling the trenches.

STORES AND OFFICES.

SAN FRANCISCO—Sales rooms, etc., 2 story and base, brick and steel, $22,500. Architect, Architectural Dept., Allen & Co., 28th avenue and Lake street. Owners, Allen & Co. Location, south Post west Polk, covering an area of 52½ by 120 feet. Will contain auto sales rooms and repair shop. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Stores and offices, 5 story and base. Class A construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Ogden Mills. Location, south Pine street east Montgomery. Will contain stores on the first floor and a number of offices on the upper floors. Plans complete and figures to be taken at once.

SAN FRANCISCO—Stores and offices, 4 or 5 story and base. Class C stores and offices. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Mr. Kierulff. Location, west Sansome between Pine and California, covering an area of 46½ by 120 feet. Will contain stores on the first floor and offices arranged for insurance brokers on the upper floors.

OAKLAND, CAL.—Offices, 4 story and base, reinforced concrete, $20,000. Architect, William Knowles, Hearst Bldg., S. F. Owners, Hutchinson ,Co. Location, north 17th street, east Broadway. Will contain a number of offices. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Store addition, 1 story, class C construction, $8,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Nipon Trading Co. Location, east Grant avenue north Bush. Will be built over the present one-story retail building. Plans complete and figures being taken.

SAN FRANCISCO—Stores and offices, 4 story and base, reinforced concrete, $50,000. Architects, Willis Polk & Co., Hobart Bldg., S. F. Owner, McCreery Estate Co. Location, northeast Montgomery and Pine, covering an area of 73½ by 77½ feet. Designed as a monumental building, the first floor of which will probably be used for banking purposes. Plans complete and figures being taken.

Contract Awarded.

GRASS VALLEY, NEVADA CO., CAL.—Stores and offices, 2 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, Lloyd P. Larue and D. J. Binkleman. Contractors, D. E. Matterson and Charles Wilson, Grass Valley. Contract price not stated.

SEALED PROPOSALS.

SAN FRANCISCO Q. M. CIRCULAR.

SAN FRANCISCO CIRCULAR 183—Office of the Depot Quartermaster, U. S. Army, Fort Mason, San Francisco, Cal.—Sealed proposals will be received here until **February 21, 1917,** under circular 183 for furnishing 20 dozen hacksaw blades, 4,100 machine bolts, 12 tube brushes, 50 harness breechings, 84 cold chisels, 172 quires emery cloth, 288 chair glides, 122 branding irons, 36 wagon jacks, 36 night latches, 18 books gold leaf, 75 pounds pump leather, 5,000 pounds wire nails, 180 hand oilers, 200 pounds English vermillion in oil, 500 pounds yellow Prussian blue in oil, 500 pounds yellow ocher, 300 pounds lampblack, 5,000 pounds dry red lead, miscellaneous paper, 7,200 colored pencils, 7,200 copying pencils, 400 dozen pyramid pins and 12 blacksmiths' tools. For further information address JOHN T. KNIGHT, colonel, quartermaster corps, depot quartermaster.

PROPOSAL FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1150 Proposals for Shop Machines, Steel, Babbit Bearing Metal, Brass Tubing, Tin Pipe, Staples, Tacks, Hinges, Night Latches, Hooks and Eyes, Calcimine Brushes, Duster Brushes, Scrub Brushes, Paint Brushes, Grindstones, Garbage Cans, Oilers, Blow Torches, Dabbers, Tool Handles, Lanterns, Window Glass, Rules, Steel Tapes, Hose, Packing, Gaskets, Rubber Matting, Canvas, Tarpaulins, Railway Banting and Flags, Burlap, Mattress Ticking and Lining, Sheeting, Marline, Sash Cord, Twine, Leather Belting, Emery Cloth, Sandpaper, Chamois Skins, Rubber Boots, Pipe Covering, Boiler Lagging, Carbide, Alumina Sulphate, Potassium Chlorate, Lye, Soap, Polish, Candles, Cork, Matches, Toilet Paper and Lumber. Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. February 23, 1917,** at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 1150) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. EARL L. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 2103 Office of the General Purchasing Officer Panama Canal, Washington, D. C.—Sealed proposals will be received here until **February 14, 1917,** under circular 2103 for furnishing 3,600 wall paint brushes, 100 pounds brazing spelter, 500 pounds tacks, metallic tapes, 6 steel tapes, 2,000 sheets ships' felt, 200 pounds horseshoe nails, 1,500 mule shoes, hardware for millwork, 100 downspout outlets, brass; 84 sets lock chests, 600 drawer locks, 280 brass hooks, 1,920 lantern globes, 888 hasps, 720 bed knobs, 72 pairs asbestos gloves, 26 rolls solar paper, 36 wall brushes, 200 brass cocks and 8,000 pounds sheet copper. For further information address EARL L. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1149 Proposals for Steel, Chain, Pipe, Pipe Fittings, Nuts, Washers, Valves, Cocks, Chain Blocks, Tackle Blocks, Door Bolts, Furniture, Casters, Door Catches, Scrub Brushes, Corn Brooms, Electric Cable and Wire, Electrical Attachments and Fittings, Transfer Pencils, Floor Wax, Glue, Graphite, Putty, Muriatic Acid, Alcohol, Carbon Bisulphide, Substitute, Paint, Drier, Castor Oil, Lard Oil, Linseed Oil, Varnish, Paints, Litharge, White Zinc, Millwork and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. February 19, 1917,** at which time they will be opened in public for furnishing the above mentioned articles. Blanks and information relating to this circular (No. 1149) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the principal cities throughout the United States. EARL L. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

SACRAMENTO, Cal.—County Highway Commissioners F. W. McKevitt and George N. Randle, accompanied by Engineer C. W. Morton, spent two days of last week in San Francisco interviewing the heads of the cement companies and the managers of the several railroad corporations, informing them of the intention of the Highway Commission of this county to purchase a large quantity of material at one time and expecting favorable consideration from them in quoting prices. They were well received by the managers of the big corporations but were neither encouraged nor discouraged in their proposal to buy in quantities, and no ~~ranking~~ was given to them as to what would be the attitude of the various corporations with which it would be necessary to do business.

It was thought best by the Commissioners to have a personal talk with the heads of these companies before advertising for bids for supplies. It is the opinion of the Commissioners that the course they pursued will work to the advantage of the county. This, however, will be demonstrated when bids for material are considered in the next few weeks. It is expected that advertisements will be inserted in newspapers before the end of the month.

SACRAMENTO, Cal.—The last house to be wrecked in the Capitol Extension land was attacked recently by the Capital Wrecking Company, and was formerly owned by Mrs. Lena Kapp. The apartment house purchased by A. G. Ernst will be moved within the next two weeks. The Kapp property will be completely wrecked in three days.

GRIDLEY, Butte Co., Cal.—Representatives of Libby, McNeil & Libby appeared before the Farmers' Union Saturday afternoon and agreed to open a local cannery provided the farmers would agree to plant at least 500 acres to tomatoes.

Representatives of other interests also have agreed to start cannery activities here, provided assurance is given that there will be plenty of products for canning.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

RESIDENCES—4, 1½ story and base, frame, $3,000 each. San Francisco. Architect, none. Owners, F. Nelson & Sons, 2701 Lincoln Way, S. F. Location, 29th avenue north Portola Drive. Each dwelling will contain seven rooms, bath and garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame. Cost not stated. San Francisco. Architect, Herman Barth, 12 Geary street, S. F. Owner, Dr. G. Drexel. Location, east Baker near Green. Will contain ten rooms, three baths and basement garage. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect, none. Owner, David Nordstrom, 244 Kearny street, S. F. Location, west 19th avenue north Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect, none. Owner, David Nordstrom, 244 Kearny street, S. F. Location, west 19th avenue north Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor..

RESIDENCE 1½ story and base, frame, $2,000. San Francisco. Architect, E. Reichel, 1227 Shafter avenue. S. F. Owner, C. Z. Sutton. Location, east Carr avenue south Salinas. Will contain six rooms and bath. Plans complete and work to be done by Day Labor..

FLATS—2, 2 story and base, frame, $5,000 each. San Francisco. Architect, none. Owner, Otto E. Anderson, 248 18th avenue, S. F. Location, west 21st avenue north Clement. Each building will contain two flats of five rooms each and basement garage. Plans complete and work to be done by Day Labor.

FLATS—2, 2 story and base frame, $5,000 each. San Francisco. Architect, none. Owners, Hemminga Bros., 40 Ashbury street, S. F. Location, east Ashbury north Grove. Each building will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE 3 story and base, reinforced concrete, $20,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. Location, O'Farrell near Van Ness avenue. Will contain a number of two and three room apartments. Plans being prepared.

APARTMENT HOUSE 4 story and base, brick and steel, $93,500. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southwest corner Geary and Leavenworth streets, covering an area of 68 by 70 feet. Will contain four stores on the first floor and a total of 34 apartments of two and three rooms. Plans complete and segregated figures being taken.

FLATS 2 story and base, frame, $4,000. San Francisco. Architect, D. C. Coleman, Clunie Bldg., S. F. Owner, L. Frankenstein, 2880 16th street, S. F. Location, east Shotwell north 15th street. Will contain a store on the first floor and a five-room flat above. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE 3 story and base, frame, $14,0000. San Francisco. Architect, none. Owner, L. B. Ham, 274 25th avenue, S. F. Location, south Lake street east 20th avenue, covering an area of 88 by 25 feet. Will contain six modern apartments of four rooms each. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, M. H. Gnecco. Location, south Washington east Van Ness. Will contain a number of three and four room apartments. Plans are being prepared.

APARTMENT HOUSE 3 story and base, frame. Cost not stated. San Francisco. Architect, P. Righetti, Phelan Bldg., S. F. Owner's name withheld. Location, Polk street near Chestnut. Will contain two and three room apartments. Plans complete and figures to be called for shortly.

APARTMENT HOUSE 4 story and base, brick and steel, $40,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, southeast Hyde and Post streets, covering an area of 68 by 78 feet. Will contain three stores on the ground floor and a total of 46 two-room apartments on the upper floors. Plans complete and segregated figures being taken.

APARTMENT HOUSE 4 story and base, reinforced concrete, $40,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. Location, Valencia near 14th street. Will contain stores on the first floor and a number of two and three room apartments on the upper floor. Plans are being prepared.

RAILROAD TIES—Cost not stated. San Francisco. Engineer, none. Owners, Hadjopoulos and Sperco, 29 Broadway, New York. Hadjopoulas & Sperco, Inc., New York city, have written the San Francisco Chamber of Commerce asking that they be placed in touch with dealers of redwood and douglas fir railroad ties. Further information may be had direct from the applicants or from the Chamber of Commerce, Merchants' Exchange Bldg.

STORES AND OFFICES 4 story and base. Class A construction. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Ogden Mills. Location, south Pine street east Montgomery. Will contain stores on the first floor and a number of offices on the upper floors. Plans complete and figures to be taken at once.

SALES ROOM, ETC.—2 story and base, brick and steel, $22,500. San Francisco. Architect, Architectural Dept. Allen & Co. Location, south Lake street, S. F. Owners, Allen & Co. Location, south Post west Polk, covering an area 52½ by 120 feet. Will contain auto sales rooms and repair shop. Plans complete and work to be done by Day Laborr.

TERMINAL WAREHOUSES, ETC. Cost as follows. San Francisco. Engineer, Engineering Dept. S. P. Co., Flood Bldg., S. F. Owners, Southern Pacific Co. At a late hour Monday afternoon the Board of Supervisors was still in session over the proposition put up to them by President Sproule of the Southern Pacific Co, relative to a transfer of property or a long-term lease affecting the city's waterfront lands, comprising three blocks on Channel street. The Southern Pacific Co. announces that it will spend $10,000,00 on the construction of a terminal warehouse site, yards and docks on the property if the city will enter into the lease or transfer.

STORES AND OFFICES—4 or 5 story and base. Class C stores and offices. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Mr. Kierulff. Location, west Sansome between Pine and California, covering an area of 46½ by 120 feet. Will contain stores on the first floor and offices arranged for insurance brokers on the upper floors.

PIER CONSTRUCTION — Reinforced concrete. Cost not stated. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be called for sometime this month for the construction of Pier No. 31, a new reinforced concrete pier 150 by 800 feet, and for a concrete bulkhead wharf in front of Pier No. 9. Bids will also be called for shortly for widening Pier No. 40 and constructing railroad tracks thereon. Plans for this work have been completed and are now up for approval by the State Advisory Board.

FLATS 2 story and base, frame, $6,000 each. San Francisco. Architect, none. Owner, P. D. Tyler, 115 9th avenue, S. F. Location, east 27th avenue west Clay. Each building will contain two flats of five and six rooms, baths and basement garage. Plans complete and work to be done by Day Labor.

FLATS—3 story and base, frame, $7,500. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. Location, Oakdale and Phelps streets. Will contain one store and two flats. Plans being figured.

RESIDENCE — 2 story and base, frame, $2,500. San Francisco. Architect P. Righetti, Phelan Bldg., S. F. Owner, S. Simon. Location, west Valencia south Railroad. Will contain five rooms, bath and shop. Plans complete and work to be done by Day Labor.

RESIDENCES 4 story and base, frame, $2,000 each. San Francisco. Architect, none. Owners, Co-operative Realty Co., 1170 Polk street, S. F. Location, east Levant south States. Each house will contain five rooms

and bath. Plans complete and work to be done by Day Labor.

STORE ADDITION 1 story, Class C construction, $8,000. San Francisco. Architect, Heiman & Schwartz, 742 Stockton street, S. F. Owners, Nipon Trading Co. Location, east Grant avenue north Bush. Will be built over the present one-story retail building. Plans complete and figures being taken.

STORE AND OFFICES 1 story and base, reinforced concrete, $50,000. San Francisco. Architects, Willis Polk & Co., Hobart Bldg., S. F. Owners, McCreery Estate Co. Location, northeast Montgomery and Pine, covering an area of 73½ by 77½ feet. Designed as a monumental building, the first floor of which will probably be used for banking purposes. Plans complete and figures being taken.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
309	Burgess	Hawkins	9000
310	Sherman	Trounson	2000
311	Comm'l Rlty	Moller	800
312	Sterling Inv	Owner	1000
313	Mirades	Megas	400
314	Thierbach	Rainey	987
315	Mily	Behrens	850
316	Buckbee	Swenson	400
317	Stumke	Lindberg	292
318	Chance	Eisenhaad	1800
319	Gerard	Gerard	93150
320	Same	Same	97500
321	Murphy	Nelson	3700
322	Ward	Mager	4100
323	Risso	Diaguardi	3280
324	Dettner	Dettner	9000
325	Jones	Jones	2500
326	Lehfeldt	Lehgelit	5000
327	Frankenstein	Same	4000
328	Cadematori	Delucchi	400
329	Gordon	Johnson	400
330	Whitcomb	Brumfield	400
331	Jacobs	Burnett	450
332	Robins	Coburn	400
333	Hornung	Bateman	400
334	Ferretti	Ferretti	400
335	Sharman	Sharman	1250
336	Anderson	Anderson	5000
337	Same	Same	5000
338	Hemminga	Hemminga	5000
339	Same	Same	5000
340	Concrete Eng	Owner	500
341	Scheeline	Carson	800
342	Nordstrom	Nordstrom	3000
343	Nat'l Carbon	Central Elec	12000
344	Hooper	Percy	1712
345	Allen	Allen	2250
346	Kergan	Petterson	450
347	Wobber	O'Neill	400
348	Eisit	Robinson	1000
349	Martin	Robinson	500
350	Helbush	Helbush	400
351	Premus	Premus	4500
352	Ham	Ham	14000
353	Welsh	Welsh	1000
354	Oberdeener	Flaherty	4500
355	Nelson	Nelson	2000
356	Same	Same	3000
357	Same	Same	2500
358	Same	Same	2500
359	Holden	Allen	500
360	Cuttaert	Cuttaert	1000
361	Westphal	Westphal	500
362	Herlihy	Herlihy	450
363	Swift	Swift	400
364	Reichelt	Reichelt	1200
365	Newell	Higginson	10544
366	Hopkins	Brandon	8650
367	Walter	Grace	2786
368	National Carbon	Kissel	6500
369	Standard Sec Co.	Knieppler	1750
370	Same	Same	1800
371	Co-Operative Bldrs.	Owner	2000
372	Same	Same	2000
373	Same	Same	2000
374	Tyler	Tyler	6000
375	Same	Same	6000
376	Davett	Davett	850
377	Abrams	Novelty	400
378	Hippodrome	Novelty	400
379	Demaestri	Ratto	600
380	Sanguinetti	Montani	450
381	Pac Metal Wkg.	McLachlan	450
382	Gallino	Gallino	1100
383	Baker	Emanuel	1000
384	Carrell	Brown	2104
385	Gray	McKay	3100
386	Tinning	Cramer	1000

ALTERATIONS
(309) NW VALLEJO AND LAGUNA. Alter apartments.
Owner.....Chandler W Burgess, 660 Market, San Francisco.
Architect...S. A. Born Bldg. Co., 660 Market, San Francisco.
Contractor..Albert Hawkins, Fruitvale, Cal.
COST, $9000

GLASS PANELS
(310) NO. 741 MISSION (third floor.) Erect glass panels and shelving.
Owner.....Sherman Clay Co., Lessees, Kearny and Sutter, S. F.
Architect...None.
Contractor..J. Trounson, 121 5th, S. F.
COST, $2000

ALTERATIONS
(311) NO. 835 KEARNY. Alter barber shop and grill.
Owner.....Commercial Center Realty Co., 736 Call Bldg., S. F.
Architect...None.
Contractor..R. W. Moller, 736 Call Bldg., San Francisco.
COST, $800

ALTERATIONS
(312) SW HARTFORD AND 17TH. Alter stores into apartments.
Owner.....Sterling Investment Co., Hearst Bldg., S. F.
Architect...C. A. Haber, 648 Monadnock Bldg., S. F.
Day's work. COST, $1000

ALTERATIONS
(313) NO. 1400 FILLMORE. Alter front.
Owner.....M. Mirades, 361 Clementina San Francisco.
Architect...None.
Contractor..Peter Megas, 3685 19th, San Francisco.
COST, $400

ALTERATIONS
(314) NO. 2415 LARKIN. Underpinning west side and corner of building, bulkheading, back filling, patch up cracks in present bulkhead, wall etc.
Owner.....Chas. Thierbach, Prem.
Architect...E. A. Neumarkel, 2628 Sacramento, S. F.
Contractor..Wm. A. Rainey, 317 Clementina, San Francisco.
Filed Feb. 5, '17. Dated Feb. 5, '17.
Completed and accepted.....$737
Usual 35 days..... 250
TOTAL COST, $987
Bond, $500. Sureties, A. D. Disston and F. Pratt. Limit, without delay. Forfeit, none. Plans and specifications, none.

ALTERATIONS
(315) NE FOURTEENTH 200 NW Lane. Alter dwelling.
Owner.....Chas. A. Milly, 1534 Newcomb Ave., San Francisco.
Architect...None.
Contractor..Henry Behrens, 28 Railway Ave., San Francisco.
COST, $850

ALTERATIONS
(316) NO. 56 SANSOME. Alter store.
Owner.....Buckbee Thorne & Co., 27 Montgomery, S. F.
Architect...None. ?
Contractor..Swenson & Franzen, 115 Natoma, San Francisco.
COST, $400

FRAME DWELLING
(317) W DIAMOND 45 N Arlington one and one-half-story and basement frame dwelling.
Owner.....Julia L. Stumke, 625 Ingomond, San Francisco.
Architect...None.
Contractor..C. Lindberg, 257 Surrey, San Francisco.
COST, $2925

FRAME DWELLING
(318) W BENNINGTON, bet. Cortland and Eugenia. One and one-half-story and basement frame dwlg.
Owner.....Roy L. Chance, 26 Bennington, San Francisco.
Architect...None.
Contractor..Chas. Eisenhood, 340 Raymond, San Francisco.
COST, $1800

BRICK APARTMENTS
(319) SW GEARY & LEAVENWORTH Four-story and basement brick (34) apartments and (4) stores.
Owner.....Gerard Investment Co., 110 Sutter, San Francisco.
Architect...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $93,450
NOTE:—Foundation in.

BRICK APARTMENTS
(320) SE HYDE AND POST. Four-story and basement brick (46) apartments and stores.
Owner.....Gerard Investment Co., 110 Sutter, San Francisco.
Architect...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $97,500
NOTE:—Foundation in.

FRAME RESIDENCE
(321) W TWENTIETH AVE 150 S Geary 25x120. All work for two-story and basement frame residence.
Owner.....Daniel F. and Lillian J. Murphy, 427 20th Ave., San Francisco.
Architect...None.
Contractor..N. John Nelson.
Filed Feb. 5, '17. Dated Jan. 30, '17.
Roof on $925
Brown coated 925
Completed 925
60 days after..... 925
TOTAL COST, $3700
Bond, none. Limit, 120 days after Feb. 5. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(322) S MINNA 365 E Second E 20x S 80. All work for one-story Class "C" building with mazzanine floor and alterations and additions to adjoining buildings for brick offices and machine shop.
Owner.....Margaret Ward, 1249 Hayes, San Francisco.
Architect..Albert Schroepfer, Nevada Bank Bldg., San Francisco.
Contractor..Mager Bros., 110 Jessie, San Francisco.
Filed Feb. 5, '17. Dated Feb. 5, '17.
Roof on ..... $[illegible]
Completed ..... [illegible]
Usual 35 days..... 1075
TOTAL COST $41[illegible]
Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.
NOTE:—All electric light fixtures to be installed at expense of lessee.

FRAME DWELLINGS
(323) S TINGLEY 25 E Alabama Ave

All work for two one-story frame dwellings.
Owner.....Joseph Risso, 37 Maynard, San Francisco.
Architect...C. O. Clausen, Hearst Bldg., San Francisco.
Contractor..L. Progunardi and Charles Terranova, Daly City, Cal.
Filed Feb. 5, '17. Dated Feb. 5, '17.
Frame up.....$820
Brown coated.....820
Completed and accepted.....820
Usual 35 days.....820
TOTAL COST, $3280
Bond, Guaranty in favor of owner. Sureties, M. J. Terranova and J. Panille Limit, 70 days. Forfeit, $10. Plans and specifications filed.

FRAME RESIDENCE
(324) SE CONGRESS AND MASONIC. Three-story and basement frame residence.
Owner.....Ernest H. Dettner, 23 Pine, San Francisco.
Architect...Ida F. McCain, 660 Market San Francisco.
Day's work. COST, $9000

ALTERATIONS
(325) NO. 1528 JACKSON. Three-story and basement frame flats to be altered into apartments.
Owner.....Dr., O. W. Jones, San Anselmo, Cal.
Architect...J. W. Dolliver, 201 Sansome, San Francisco.
Day's work. COST, $2500

FRAME FLATS
(326) W TWENTY-FIFTH AVE 100 S California. Two-story and basement frame (2) flats.
Owner.....Henry A. Lehfeldt, 839 Phelan Bldg., S. F.
Architect...Arthur G. Scholz, 839 Phelan Bldg., San Francisco.
Day's work. COST, $5000

FRAME FLATS
(327) E SHOTWELL 85 N 15th. Two-story frame flat and store.
Owner.....L. Frankenstein, 2880 16th, San Francisco.
Architect...D. C. Coleman, Clunie Bldg., San Francisco.
Day's work. COST, $4000

FOUNDATIONS
(328) E TAYLOR 75 S Union. Erect foundations for 3 flats.
Owner.....G. B. Cademartori, 1842-B Mason, San Francisco.
Architect...Paul F. De Martini, 2123 Powell, San Francisco.
Contractor..G. B. Delucchi, 2 Sharp Place, San Francisco.
COST, $400

ALTERATIONS
(329) NO. 4525 MISSION. New front.
Owner.....H. Gordon, Premises.
Architect...None.
Contractor..T. H. Johnson, 367 Paris, San Francisco.
COST, $400

ELECTRIC SIGN
(330) NO. 1231 MARKET. Electric sign
Owner.....Hotel Whitcomb, Premises.
Architect...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $400

ALTERATIONS
(331) SW SANCHEZ AND 17TH. New fronts.
Owner.....— Jacobs, 3917 18th, S. F.
Architect...None.
Contractor..A. W. Burnett, 3319 22nd, San Francisco.
COST, $450

ALTERATIONS
(332) NO. 226 KEARNY. Alter entrance.
Owner.....Robins Estate Co., Prem.
Architect...T. Patterson Ross, 310 California, San Francisco.
Contractor..Ira W. Coburn, 180 Jessie, San Francisco.
COST, $400

ALTERATIONS
(333) NO. 1130 MARKET. Alter store front.
Owner.....Hornung, Johnson & Timeus, Premises.
Architect...None.
Contractor..Wm. Bateman, 1915 Bryant, San Francisco.
COST, $400

FRAME DWELLING
(334) NO. 1325 QUESADA. One-story and basement frame dwelling.
Owner.....Louie Ferretti, 1180 15th Ave (So), San Francisco.
Architect...None.
Day's work. COST, $400

FRAME DWELLING
(335) N REVERE 175 E Jennings. One story and basement frame dwelling.
Owner.....M. Sharman, 1440 Shafter Ave., San Francisco.
Architect...None.
Contractor..T. L. Sharman, 1440 Shafter Ave., San Francisco.
COST, $1250

FRAME FLATS
(336) W TWENTY-FIRST AVE 175 N Clement. Two-story and basement (2) flats.
Owner.....Otto E. Anderson, 248 18th Ave., San Francisco.
Architect...None.
Day's work. COST, $5000

FRAME FLATS
(337) W TWENTY-FIRST AVE 150 N Clement. Two-story and basement (2) flats.
Owner.....Otto E. Anderson, 248 18th Ave., San Francisco.
Architect...None.
Day's work. COST, $5000

FRAME FLATS
(338) E ASHBURY 25 N Grove. Two-story and basement frame (2) flats.
Owner.....Hemminga Bros., Inc., 40 Ashbury, San Francisco.
Architect...None.
Day's work. COST, $5000

FRAME FLATS
(339) E ASHBURY 50 N Grove. Two-story and basement frame (2) flats.
Owner.....Hemminga Bros., Inc., 40 Ashbury, San Francisco.
Architect...None.
Day's work. COST, $5000

FRAME WAREROOM
(340) SW HOOPER AND SEVENTH. One-story frame wareroom.
Owner.....Concrete Eng. Co., 433 Rialto Bldg., San Francisco.
Architect...None.
Day's work. COST, $500

ALTERATIONS
(341) NO. 3355 CLAY. Enlarge and alter dwelling.
Owner.....H. Scheeline, 3665 Clay, San Francisco.
Architect...None.
Contractor..C. Carson & Son, 219 32nd Ave., San Francisco.
COST, $800

FRAME DWELLING
(342) W NINETEENTH AVE 55 N Cabrillo. Two-story and basement frame dwelling.
Owner.....David Nordstrom, 244 Kearny, San Francisco.
Architect...None.
Day's work. COST, $3000

ELECTRIC WORK
(343) LOCATION NOT GIVEN. Electric work for building.
Owner.....National Carbon Co., Folsom near 3rd, S. F.
Engineer...Maurice C. Couchot, 110 Sutter, San Francisco.
Contractor..Central Elec. Co., 175 Jessie, San Francisco.
Filed Feb. 6, '17. Dated Jan. 31, '17.
Monthly payments of.....75%
Usual 35 days.....25%
TOTAL COST, $12,000
Bond, none. Limit, 3 days after completion of inside painting. Forfeit, $25 Plans and specifications, none.
NOTE:—Building is being erected at NE Eighth and Brannan streets.

SHEET METAL WORK
(344) W BATTERY bet. California & Pine. Sheet metal work (entrance doors and jambs of copper) for stores and lofts.
Owner.....John . Hooper by Kenneth MacDonald Jr.
Architect...Kenneth MacDonald Jr., Holbrook Bldg., S. F.
Contractor..Percy Sheet Metal Works, 340 Guerrero, S. F.
Filed Feb. 6, '17. Dated Feb. 5, '17.
As work progresses.....75%
Usual 35 days.....Balance
TOTAL COST, $1712
Bond, limit, forfeit, none. Plans and specifications, none.

BRICK SALESROOM
(345) S POST 85 W Polk. Two-story and basement brick auto salesroom.
Owner.....Allen & Co., 125 Sutter, San Francisco.
Architect...Architectural Department, Allen & Co., 28th Ave and Lake, San Francisco.
Day's work. COST, $22,500

ALTERATIONS
(346) NO. 145 TWENTY-SIXTH AVE. New roof and enclose porch.
Owner.....Mina M. Kergan, 660 Market, San Francisco.
Architect...Edw. G. Bolles, 660 Market, San Francisco.
Contractor..Petterson & Persson, 62[illegible] Post, San Francisco.
COST, $450

ALTERATIONS
(347) NO. 1652 HAYES. Alter dwelling vestibule.
Owner.....Edw. Wobber, 70 Market, San Francisco.
Architect...Albert Schroepfer, Nevada Bank Bldg., S. F.
Contractor..Daniel O'Neill, 273 Minna, San Francisco.
COST, $400

REPAIRS
(348) NO. 100 TWENTY-SIXTH AVE. Repair fire damage.
Owner.....Mr. Eisit, Premises.
Architect ...None.
Contractor..Robinson & Gillespie, 1051 Sutter, San Francisco.
COST, $1000

ALTERATIONS
(349) NO. 3386 WASHINGTON. Alter front for garage.
Owner.....Mrs. Martin, Premises.
Architect ...None.
Contractor..Robinson & Gillespie, 1051 Sutter, San Francisco.
COST, $500

ALTERATIONS
(350) NO. 1131 VAN NESS AVE. Alter store.
Owner.....H. H. Helbush, 75 Sutter, San Francisco.
Architect ...W. L. Schmolle, 75 Sutter, San Francisco.
Day's work. COST, $400

FRAME RESIDENCE
(351) E GRAFTON 114 S Claremont Boulevard. Two-story and basement frame residence.
Owner.....E. B. Premus, 1162 Stanyan, San Francisco.
Architect ...None.
Contractor..W. C. Premus, 1162 Stanyan, San Francisco.
COST, $4500

FRAME APARTMENTS
(352) S LAKE 32-6 E 20th Ave. Three story and basement frame (6) apartments.
Owner.....L. B. Ham, 274 25th Ave., San Francisco.
Architect ...None.
Day's work. COST, $14,000

FRAME RESIDENCE
(353) E EIGHTEENTH AVE 100 N Balboa N 25xE 120. All work for two-story frame residence.
Owner.....Jas. Welsh, 549 18th Ave., San Francisco.
Architect ...None.
Contractor..James Welsh & Co.
Filed Feb. 7, '17. Dated Jan. 1, '17.
Rafters on $1000
Brown coated 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

BRICK SHOP
(354) N PINE 220-1½ W Van Ness Ave W 27-1½xN 137-6. All work for one-story brick machine shop.
Owner.....Leo Oberdeener, 1574 Grove, San Francisco.
Architect ..None.
Contractor..John Flaherty, 1390 Filbert, San Francisco.
Filed Feb. 7, '17. Dated Feb. 1, '17.
Grading, foundation and brick work up 6 feet high.....$1125
Brick work done and gravel roof on 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, $2250. Sureties, Jas. Young and R. H. Flaherty. Limit, 45 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(355) W TWENTY-NINTH AVE 35 N Irving. One and one-half-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2000

FRAME DWELLING
(356) N PORTOLA DRIVE 200 E 15th Ave. Two-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $3000

FRAME DWELLING
(357) E TWENTY-NINTH AVE 239 S Lincoln Way. .One and one-half-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
(358) N TWENTY-NINTH AVE 155 S Lincoln Way. .One and one-half-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2500

ALTERATIONS
(359) S JACKSON 125 E Battery. Install sash and doors.
Owner.....St. Geo. Holden, 308 Crocker Bldg., San Francisco.
Architect ...None.
Contractor..L. L. Allen, 239 Paris, S. F.
COST, $500

TANK PLATFORM
(360) NO. 526 BAY. Erect tank platform, etc.
Owner.....F. Cuttaert, Premises.
Architect ...None.
Day's work. COST, $1000

ALTERATIONS
(361) NO. 628 GOLDEN GATE AVE. Alter store.
Owner.....C. H. Westphal, San Mateo.
Architect ...M. J. Welsh, 915 Treat Ave., San Francisco.
Day's work. COST, $500

ADDITION
(362) NO. 838 DIAMOND. Add one room and alter dwelling.
Owner.....M. Herlihy, Premises.
Architect ...None.
Day's work. COST, $450

ADDITION
(363) NO. 856 CORBETT AVE. Add to dwelling.
Owner.....D. R. Swift, Premises.
Architect ...None.
Day's work. COST, $400

FRAME DWELLING
(364) E RHODE ISLAND 174 S 18th. Two-story and basement frame dwlg.
Owner.....H. Reichelt, 2432 Post, San Francisco.
Architect ...None.
Day's work. COST, $1200

DWELLING
FRAME RESIDENCE
(365) LOTS 31 AND 32 BLK 5, Forest Hill. All work except shades, finish hardware, light fixtures, automatic heater and wall paper for two-story and basement frame residence.
Owner.....The Newell-Murdock Realty Co., 20 Montgomery, San Francisco.
Architect ...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor..Higginson Co., Inc., Humboldt Bank Bldg., S. F.
Filed Feb. 8, '17. Dated Feb. 7, '17.
Frame up and roof boards on .....$ [illegible]
Brown coated ..... [illegible]
Completed and accepted ..... [illegible]
Usual 35 days..... [illegible]
TOTAL COST, $10,544
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME WAREHOUSE
(366) S BLUXOME, bet. 4th and 5th 91-6x120. All work for one-story brick and frame warehouse.
Owner.....Timothy Hopkins, Nevada Bank Bldg., San Francisco.
Architect ...E. A. Garin, 37 Belvedere, San Francisco.
Contractor..Brandon & Lawson, 180 Jessie, San Francisco.
Filed Feb. 8, '17. Dated Feb. 8, '17.
Brick work up to roof joists.$2162.50
Roof finished 2162.50
Completed and accepted..... 2162.50
Usual 35 days..... 2162.50
TOTAL COST, $8650.00
Bond, none. Limit, 60 days after Feb. 12, 1917. Forfeit, $7. Plans and specifications filed.

ALTERATIONS
(367) SE CLAY AND BUCHANAN No. 2231 Clay. All work for alterations and additions to residence.
Owner.....John I. Walter, 100 Stockton, San Francisco.
Architect ...Houghton Sawyer, Shreve Bldg., San Francisco.
Contractor..Grace & Bernieri, Claus Spreckels Bldg., S. F.
Filed Feb. 8, '17. Dated Jan. 26, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2786.50
Bond, $1400.. Surety, Massachusetts Bonding & Insurance Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

FACTORY BUILDING
(368) NE EIGHTH AND BRANNAN All work for painting and finishing (except window washing) for factory building.
Owner.....National Carbon Co., 755 Folsom, San Francisco.
Architect ...Maurice C. Couchot, 110 Sutter, San Francisco.
Contractor..I. R. Kissel, 1747 Sacramento, San Francisco.
Filed Feb. 8, '17. Dated Feb. 5, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $6500
Bond, none. Limit, within reasonable time. Forfeit, none. Specifications only filed.

FRAME BUNGALOW
(369) LOT 21 BLK 3198, Westwood Park. All work for one and one-half story 5-room frame bungalow.
Owner.....Standard Securities Co.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Contractor..R. W. Knepler & Co., 606 Haight Ave., Alameda.
Filed Feb. 8, '17. Dated Feb. 1, '17.
Frame up $437.50
Brown coat on interior, exterior boarded and roof on..... 437.50
Completed and accepted..... 437.50
Usual 35 days..... 437.50
TOTAL COST, $1750.00

Bond, none. Limit 60 days from Feb. 5, 1917. Forfeit none. Plans and specifications filed.

NOTE—Buildings (2) to be erected on following streets: E Plymouth 259 S Westwood & E Granada 111 S Southwood.

FRAME BUNGALOW
(376) LOT 9 BLK 3178. Westwood Park. All work for one and one-half story 5-room frame bungalow.
Owner.....Standard Securities Co.
Architect...Rousseau & Rousseau, 110 Sutter, San Francisco.
Contractor..R. W. Knoppler & Co., 606 Haight Ave., Alameda.
Filed Feb. 8, '17. Dated Feb. 1, '17.
Frame up.....$450
Brown coat on interior and exterior boarded and roof on.....450
Completed and accepted.....450
Usual 35 days.....450
TOTAL COST, $1800
Bond, none. Limit, 75 days from Feb. 5, 1917. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(377) E LEVANT 340 S States. Two-story and basement frame dwelling.
Owner....Co-Operative Home Bldrs. Co., Inc. (Geo. F. Barnett, Pres.), 1125 Fillmore, S. F.
Architect...None.
Day's work. COST, $2000

FRAME DWELLING
(378) E LEVANT 374 S States. Two-story and basement frame dwelling.
Owner....Co-Operative Home Bldrs. Co., Inc. (Geo. F. Barnett, Pres.), 1125 Fillmore, S. F.
Architect...None.
Day's work. COST, $2000

FRAME DWELLING
(379) E LEVANT 430 S States. Two-story and basement frame dwelling.
Owner....Co-Operative Home Bldrs. Co., Inc. (Geo. F. Barnett, Pres.), 1125 Fillmore, S. F.
Architect...None.
Day's work. COST, $2000

FRAME FLATS
(374) E TWENTY-SEVENTH AVE 275 S West Clay. Two-story and basement frame (2) flats.
Owner.....P. D. Tyler, 115 9th Ave., San Francisco.
Architect...None.
Day's work. COST, $6000

FRAME FLATS
(375) E TWENTY-SEVENTH AVE 250 S West Clay. Two-story and basement frame (2) flats.
Owner.....P. D. Tyler, 115 9th Ave., San Francisco.
Architect...None.
Day's work. COST, $6000

ELEVATOR
(376) NO. 518 CLAY. Install new elevator.
Owner.....A. E. Davett.
Architect...None.
Day's work. COST, $850

ELECTRIC SIGN
(377) NW ELLIS AND STOCKTON Electric sign.
Owner.....The Abrams Co., Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $400

ELECTRIC SIGN
(378) N O'FARRELL near Powell. Electric sign.
Oyner.....The Hippodrome, Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $400

ALTERATIONS
(379) W GOUGH 60 S Fulton. Change shop walls from wood to brick.
Owner.....G. Demaestri, 538 Gough, San Francisco.
Architect...None.
Contractor..A. Ratto, 232 Hartford, San Francisco.
COST, $600

ALTERATIONS
(380) SW JEFFERSON AND TAYLOR Cement floor, etc., for saloon.
Owner.....G. Sanguinetti, Premises.
Architect...J. A. Porporato, 619 Washington, San Francisco.
Contractor..S. Montani & Co., 1751 Greenwich, San Francisco.
COST, $450

ALTERATIONS
(381) NO. 153 FIRST. Build gallery for wash rooms.
Owner.....Pacific Metal Works, Prem
Architect...None.
Contractor..T. M. McLachlan.
COST, $450

FRAME DWELLING
(382) E MADRID 75 N Russia. One-story and basement frame dwelling.
Owner.....Mrs. B. Gallino, 459 Lisbon San Francisco.
Architect...None.
Day's work. COST, $1100

ALTERATIONS
(383) NO. 885 MARKET. Enlarge vestibule, etc.
Owner.....C. H. Baker & Co., Prem.
Architect...None.
Contractor..L. & E. Emanuel, Inc., 144 12th, San Francisco.
COST, $1000

FRAME BUNGALOW
(384) LOT 5 BLK 3199 Westwood Park. All work for frame bungalow
Owner.....Jno. W. Carrell, 814 Scott, San Francisco.
Architect...None.
Contractor..Alexander O. Brown.
Filed Feb. 9, '17. Dated Feb. 3, '17.
Frame up.....$526
Brown coated.....526
Completed.....526
Usual 35 days.....526
TOTAL COST, $2104
Bond, $1052. Surety, Wm. G. Pennycook. Limit, 65 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(385) W TWENTY-FOURTH AVE 25 N California N 25xW 100. All work for two-story and basement frame residence.
Owner.....Jno. Gray, 2252 Clement, San Francisco.
Architect...None.
Contractor..Fred O. McKay, 410 11th Ave., San Francisco.
Filed Feb. 9, '17. Dated Feb. 6, '17.
Frame up.....$775
Brown coated.....775
Completed.....775
Usual 35 days.....775
TOTAL COST, $3100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

PAPERING, ETC.
(386) W PRESIDIO AVE 41 m or l S Pacific Ave S 58 m or l by 118. All work for papering, painting and tinting buildings.
Owner.....W. S. Tinning.
Architect...Hermann Barth, 12 Geary, San Francisco.
Contractor..M. L. Cramer and J. M. Cramer (as Cramer Bros.), 742 14th, San Francisco.
Filed Feb. 9, '17. Dated Feb. 7, '17.
3 coats of paint on inside.....$375
Completed and accepted.....375
Usual 35 days.....250
TOTAL COST, $1000
Bond, $500. Surety, Guardian Casualty & Guaranty Co. Limit, 30 days.. Forfeit, none. Plans and specifications filed

LEASES.

SAN FRANCISCO COUNTY.

Feb. 5, 1917—SE MINNA 450 SW First SW 20xSE 80. Margaret Ward to Edward R Bacon Co. 4 years. $2295 with option to renew.

Feb. 5, 1917—E FOLSOM 275 S 19th S 25 E 122-6 S 50 E 122-6 N 75 W 243. C N Wolfe to Jas and Isabella Miller. 3 years. $2520.

Feb. 6, 1917—SW SUTTER & GRANT Ave. Chas Josselyn to J M McGee. 35 months. $3500.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Feb. 3, 1917—W JONES 137-6 N Washington N 50xW 137-6. Marcus Marcussen to whom it may concern.....Feb. 3, 1917

Feb. 3, 1917—LOT 11 BLK 6583 being 27.6x114 on 27th bet. Diamond and Douglass. Annie H Old to whom it may concern.....Feb. 2, 1917

Feb. 3, 1917—N FILBERT 125 W Baker W 50xN 137-6. William W Rednall to whom it may concern.....Feb. 3, 1917

Feb. 3, 1917—SE MAYNARD AND Craut 25x110. Philip W Montrouil to whom it may concern. Feb. 3, 1917

Feb. 5, 1917—E CASTRO 128 N Henry N 25xE 100. Harriet and Jesse C Johnson to C T Wengard. Feb. 5, 1917

Feb. 6, 1917—NE LINARES AVE 26.66 SE from W Cor. Lot 9 Blk 2127 Forest Hill Court NE 100 m or l NW 40 m or l SW 100 m or l SE 40 m or l Ptn Lots 9 and 10 Blk 2127, Forest Hill Court. William H Kiler to Conservative Bldg & Invst Co.. .....Feb. 6, 1917

Feb. 6, 1917—NOS. 1815-1817 CALIFornia. Mrs Kaspar Pischel to Lester H Stock.....Feb. 1, 1917

Feb. 6, 1917—W FOLSOM 173 S 17th W 122-6xS 25. Jean Allec to G E Lamburth.....Jan. 29, 1917

Feb. 6, 1917—E THIRD 125 N Townsend N 150xE 160. Clinton Constr Co of California to Pacific Fire Extinguisher Co; Burnham Plumbing Co.....Feb. 5, 1917

Feb. 6, 1917—N KIRKHAM 82-6 W 11th Ave W 25xN 100. A Raymond Duffee to whom it may concern.... .....Feb. 6, 1917

Feb. 6, 1917—W SEVENTEENTH AV 25 N California N 75xW 75. Delmar Smith Clinton to Emil Nelson..... .....Dec. 4, 1916

Feb. 6, 1917—N McALLISTER 85-6 W Webster W 25xN 85. J Friedman to Ira W Coburn.....Feb. 6, 1917

Feb. 6, 1917—LOT 9 BLK 15 Addition

to Castro St. Add'n and Glen Park Terrace. J D Stanley to O E Evans .....Jan. 16, 1917

Feb. 6, 1917—N POST 62-6 E Leavenworth E 50 N 137-6 W 25 S 50 W 25 S 87-6. Lange & Bergstrom to Eureka Iron & Wire Wks,Feb 1, '17 Western Furnace & Cornice Co, Feb 1, '17; Dresser-McDonnell, Feb 1, '17; The Tozer Co, Feb. 1, '17; This H Price Co, Feb 1, '17; Anderson Bros, Feb 1, '17; Frank J Klimm, Feb 1, '17; J K Stewart, Feb 1, '17; Holloway Expanded Metal Co, Feb 1, '17; Sunset Iron Works, Feb 1, '17; A W Pike & Co, Feb 1, '17; Central Elec Co, Feb 1, '17; Spencer Elevator Co, Feb 1, '17; C C Jorgensen & Co....Feb. 1, 1917

Feb. 7, 1917—W THIRTEENTH AVE 304 S Irving. Leo J Ruegg to whom it may concern...Jan. 17, 1917

Feb. 7, 1917—NW POST & LEAVENworth N 60x70. Metropolis Invst Co to whom it may concern.....Feb. 6, 1917

Feb. 7, 1917—E EIGHTEENTH AVE 225 N Balboa N 25xE 120. Jas Welsh to whom it may concern.....Feb. 1, 1917

Feb. 7, 1917—NW POST & LEAVENworth N 60x70. Metropolis Invst Co to whom it may concern.....Feb. 6, 1917

Feb. 7, 1917—SE BAKER & GOLDEN Gate Ave S 37-6xE 96-10½. Jno V Campbell to whom it may concern .....Feb. 7, 1917

Feb. 8, 1917—NE PFEIFFER AND Stockton 23-9x77-6. G B Canepa to H Liebert and J Martinelli.....Feb. —, 1917

Feb. 8, 1917—SE EDDY & FRANKLIN E 57-6xS 120. Ellen M Jackson, Elizabeth G Marks, Jno L Marks to Atlas Heating & Ventilating Co .....Feb. 6, 1917

Feb. 8, 1917—S BUSH 137-6 E Mason E 45-6xS 137-6. O'Brien Bros, Inc to Val Franz & Son, Brandon & Lawson, American Elec Eng Co, R De Luca, J Gibbs, Pacific Structural Iron Works; J Piconi, Atlas Heating Ventilating Co and Ideal Cornice Co.....Completed

Feb. 8, 1917—N LOMBARD 88-6 E Pierce 27-6x100. Emilio Re and Giacomo Re to S Montani & Co.....Feb. 8, 1917

Feb. 8, 1917—N PARNASSUS AVE 70 E Willard E 25xN 100. Annie Gray to whom it may concern.Feb. 6, 1917

Feb. 7, 1917—S MISSION 223-6 E 5th E 55-0¾xS 160. George B Sonnes Esq to Larsen & Sampson.....Feb. 7, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Feb. 5, 1917—NW STATE & CASTRO W 100xN 25. J A Kuivala vs Marus Lehikoenen $833.25

Feb. 6, 1917—E JULIAN AVE 155 S 15th S 30xE 84. F G Norman & Sons vs Marie Metter.....$106.28

Feb. 6, 1917—E JULIAN AVE 155 S 15th S 30xE 84. F G Norman & Sons vs Marie Metter and Emil Eichters $34.51

Feb. 6, 1917—SE DRUMM & WASHington E 137-6xS 115. Otis Elevator Co vs Sarah J de la Montanya, Welbanks & Co and Webster Welbanks $174.60

Feb. 7, 1917—SW CALIFORNIA & Drumm W 46-11½ S 91-3 NE 57-3½ N 60. Donald Mowat vs Louis Metzger $1847.0

Feb. 9, 1917—E Taylor S 25 Sutter S 40xE 80. Dunham, Carrigan & Hayden Co vs [illegible] Crocker and Poole Iron Wks [illegible]

OAKLAND AND ALAMEDA COUNTY.

SIDEWALKS—Oakland. Engineer, City Engineer, Oakland. Owners, City of Oakland. A contract for constructing sidewalks has been awarded under the following resolution: That cement sidewalks 5 feet wide, be constructed on both sides of 90th avenue from East 14th street to F street. Awarded to L Cortucci, 1230 18th avenue, Oakland, Cal., for 15c per square foot.

RESIDENCE — 2 story and base, frame, $5,000. Piedmont, Alameda Co., Cal. Architect, Claude B. Barton, First Trust Bldg., Oakland. Owner's name withheld. Location, Piedmont Manor. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared.

RESIDENCE — 2 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, A. E. Murcell, 929 Kirkham street, Oakland. Location, northwest 38th avenue and Quigley street. Will contain eight rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,000. Oakland, Cal. Architect, none. Owner, C. E. Carlson, 1941 Berkeley Way, Berkeley. Location, west Ross south Harwood avenue. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $8,000. Piedmont, Alameda Co., Cal. Architects, Milwain Bros., Albany Bldg., Oakland. Owner, Andrew Dalziel. Location, Crocker Terrace. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans being prepared.

RESIDENCES—6, 1 story and base, frame, $1,500 each. Oakland, Cal. Architect, none. Owner, E. M. Marquis, 2827 Russell street, Berkeley. Location, west 54th avenue south East 14th street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,600. Oakland, Cal. Architect, H. K. Lovell, 6448 Benvenue avenue, Oakland. Owner, M., J. Hollested. Location, north Lake street west Spring. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans being prepared.

RESIDENCE — 1 story and base, frame, $2,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. W. Jackson, 2640 Haste street, Berkeley. Location, west Spaulding [illegible] Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, William J. Baker, 540 28th street, Oakland. Location, west Mabel south Derby. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

[illegible] HOTEL ALTERATIONS — 2 and base. Frame and concrete. [illegible] Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, W. H. Heyer. Location, 2114 Addison street. Work will consist of the building of [illegible] and [illegible] rooms. Work will [illegible] exterior facing of brick, [illegible] work, plumbing, electric work, painting and plastering. Plans [illegible] complete and figures being taken.

WAREHOUSE—1 story, brick. Cost not stated. Emeryville, Alameda Co., Cal. Engineer, L. S. Rosener, Insurance Exchange Bldg., S. F. Owners, [illegible] Paint Co. Plans have been completed for the new warehouse building which will form one of the units of the linoleum factory to be constructed. Three other buildings are included in the construction program. Bids are now being taken for the warehouse.

HOTEL ALTERATION — 2 story, frame, $1,000. Berkeley, Alameda Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, J. Bauml. Location, northwest University and Shattuck avenues. Work will consist of painting, electric work, plumbing and roofing. Plans complete and work to be done by Day Labor.

COLLEGE DORMITORY — 2 story, frame. Cost not stated. Oakland, Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Mills College. Location, East Oakland. The directors and architects will meet shortly to decide upon the nature of construction and size of the building. A frame and plaster building somewhat in the nature of a large residence will probably be erected, as the structure must be open by the beginning of the fall term. If possible construction will be of more permanent construction. About $100,000 is available for construction.

SCHOOL EQUIPMENT, ETC. — Cost not stated. Oakland, Cal. Owners, Alameda County. Bids will be opened on February 19th for new equipment and material to be furnished to the Oakland School District of Alameda County and of Oakland High School District of Alameda County, said new equipment and material to consist of lathes, notching press, circular shears, cement stairs and walks for Manzinita School.

OFFICES—4 story and base, reinforced concrete, $20,000. Oakland, Cal. Architect, William Knowles, Hearst Bldg., S. F. Owners, Hutchinson Co. Location, north 17th street east Broadway. Will contain a number of offices. Plans are complete and segregated figures being taken.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owners, Morgenson Bros., 413 44th street, Oakland. Locaton, north 61st street east San Pablo. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Alameda, Alameda Co., Cal. Architect, none. Owner, George H. Noble, 2220 Central avenue, Alameda. Location, 2614 Lincoln avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCES—4, 1 story and base, frame, $2,500 each. Piedmont, Alameda Co., Cal. Architect, none. Owner, A. A. [illegible]. Location, Lakewood Park.

Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $4,000. Piedmont, Alameda Co., Cal. Construction Manager, Frederick Whitton, 251 Kearny street, S. F. Owners, Wickham-Havens Co. Location, Gerald avenue and Boulevard Way. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, Mathew Klein, 6511 Raymond street, Piedmont. Location, Lakewood Park. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $15,000. Alameda, Alameda Co., Cal. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Charles R. Page. Will contain twelve rooms, three baths and sleeping porches. Separate garage. Plans being prepared.

RESIDENCE — 1 story and base, frame, $2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, George S. Risher, 1814 Hearst avenue, Berkeley. Location, north Delaware east Grant. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

GARAGE—1 story, brick. Cost not stated. Oakland, Cal. Architect, W. D. Reed, Oakland Bank of Savings, Oakland. Owner's name withheld. Location, 24th and Webster streets. Will cover a considerable ground area and will be used for a commercial garage. Plans are being prepared.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
269	Carlson	Carlson	4000
270	Murcell	Murcell	2350
271	Reed	Holmes	6000
272	Farnhan	Farnhan	500
273	Norris	Norris	1000
274	Same	Same	1000
275	Boreland	Self	400
276	Bushell	Harrison	800
277	Dietz	Doss	500
278	Blood	Jones	1475
279	Stiles	Blabon	3400
284	Root	Hildebrand	2850
285	Schilling	Scott	820
286	Bercovich	Bay City Cab	500
287	Kaul	Ellis Elec	400
288	Gilliam	Woodard	450
289	Litchfield	Litchfield	500
290	Hollested	Owner	4600
291	Hutchinson	Owner	20000
293	Fisher	Lege	450
296	Consumérs Yeast	Munster	4000
297	Reese	Fortin	450
298	Bell	Knowles	13000
299	Butler	Butler	2500
300	Morgenson	Morgenson	1700
302	Nor	McPhersen	3760
303	Vielhauser	Bassett	1765
304	Schmidt	Sorensen	3500
305	Hodge	Hodge	500
306	Same	Same	500
307	Anderson	Anderson	1000
308	Armstrong	Olson	4000
309	Banning	Stewart	4800
310	Klein	Klein	2500
311	Bartell	Hanson	2500
312	Tickell	Burnett	3000
313	Havens	Whitton	4400
314	Russell	Russell	2500
315	Same	Same	2500
316	Same	Same	2500
317	Same	Same	2500
318	Pinkerton	Owner	1800
319	Cristofno	Perry	400
320	Penna	Canetto	650
322	Hellman	Boga	2425

DWELLING
(269) W ROSS 124 S Harwood Ave., Oakland. Two-story 8-room dwlg.
Owner.....C. E. Carlson, 1941 Berkeley Way, Berkeley.
Architect ...None.
Day's work. COST, $4000

DWELLING
(270) NW THIRTY-EIGHTH AVE & Quigley, Oakland. Two-story 8-room dwelling.
Owner.....A. E. Murcell, 929 Kirkham, Oakland.
Architect ...None.
Day's work. COST, $2350

BRICK GARAGE
(271) N TWENTY-FOURTH 150 E Telegraph Ave., Oakland. One-story brick garage.
Owner.....John L. Reed, 434 36th, Oakland.
Architect ...None.
Contractor..A. S. Holmes, 565 16th, Oakland.
COST, $6000

ADDITION
(272) NO. 1337 E-THIRTY-FOURTH, Oakland. Two-story addition.
Owner.....F. J. Farnhan, 1350 E-33rd, Oakland.
Architect ...None.
Day's work. COST, $500

DWELLING
(273) N VIRGINIA AVE 50 E Courtland, Oakland. One-story three-room dwelling.
Owner.....Justus Norris, 2828 Richmond Ave., Oakland.
Architect ...None.
Day's work. COST, $1000

DWELLING
(274) E LOMA VISTA 200 N Hopkins, Oakland.. One-story 3-room dwlg.
Owner.....Justus Norris, 2828 Richmond Ave., Oakland.
Architect ...None.
Day's work. COST, $1000

ALTERATIONS
(275) NO. 421 TWELFTH, Oakland. Alterations.
Owner.....Mrs. Boreland.
Architect ...None.
Contractor..L. B. Self, 356 24th, Okd.
COST, $400

ALTERATIONS
(276) NO. 1537 BROADWAY, Oakland. Alterations.
Owner.....E. A. Bushell.
Architect ...None.
Contractor..Harrison Fruit & Produce Co., 12th & Harrison, Okd.
COST, $800

ADDITION
(277) NO. 5403 SAN PABLO AVE., Oakland. Addition.
Owner.....Mrs. A. C. Dietz, Premises.
Architect ...None.
Contractor..C. A. Doss, 2028 E-15th, Oakland.
COST, $500

REPAIRS
(278) NO. 1946 E-TWENTY-NINTH, Oakland. Fire repairs.
Owner.....Nellie Blood, Premises.
Architect ...None.
Contractor..F. G. Jones, 1217 Webster, Oakland.
COST, $1475

FRAME DWELLING
(279) LAKEWOOD PARK Lot 37 Blk "F," Piedmont. One and one-half-story frame dwelling.
Owner.....Dr. W. E. Stiles, Syndicate Bldg., Oakland.
Architect ...None.
Contractor..C. M. Blabon, 3424 Channing Way, Berkeley.
COST, $3400

CONCRETE GARAGE
(284) W TWENTY-FOURTH AVE 126 N E-14th 50x47, Oakland. All work for one-story concrete garage.
Owner.....Henry Root, San Francisco
Architect ...None.
Contractor..C. G. Hildebrand, Oakland
Filed Feb. 6, '17. Dated Feb. 5, '17.
Concrete walls completed.....$1425
Completed and accepted..... 712
Usual 35 days..... 713
TOTAL COST, $2850
Bond, none. Limit, April 1, 1917. Forfeit, none. Plans and specifications filed.

OIL BURNER
(285) NO. 1903 JACKSON, Oakland. Oil burner system.
Owner.....Mrs. A. Schilling, Prem.
Architect ...None.
Contractor..Scott Co., 243 Minna, S. F.
COST, $820

ALTERATIONS
(286) NO. 439 TWELFTH, Oakland. Alterations.
Owner.....B. Bercovich.
Architect ...None.
Contractor..Bay City Cabinet Co., 1080 5th, Oakland.
COST, $500

SIGN
(287) NO. 488 SEVENTH, Oakland. Electric sign.
Owner.....A. S. Kaul.
Architect ...None.
Contractor..Ellis Elec. Sign Co., 283 Natoma, San Francisco.
COST, $400

ALTERATIONS
(288) S HALLIDAY 250 W 73rd Ave., Oakland. Alterations.
Owner.....J. B. Gilliam, S. F.
Architect ...None.
Contractor..L. L. Woodard, 2415 73rd Ave., Oakland.
COST, $450

ADDITION
(289) SW FIFTY-SEVENTH AND Shafter Ave., Oakland. Addition.
Owner.....Mabel H. Litchfield, 507 3d Ave., San Francisco.
Architect ...None.
Contractor..W. H. Litchfield, 507 3rd Ave., San Francisco.
COST, $500

DWELLING
(290) N LAKE SHORE AVE 200 W Spring Ave., Oakland. Two-story 7-room dwelling.
Owner.....M. J. Hollested, 1009 E-14th, Oakland.
Architect ...H. K. Lovell, 6448 Benvenue Ave., Oakland.
Day's work. COST, $4600

CONCRETE OFFICE BUILDING
(291) N SEVENTEENTH 60 E Broadway, Oakland. Four-story reinforced concrete office building.
Owner.....Hutchinson Co., 13th and Franklin, Oakland.

Architect ...Wm. Knowles, Central Bank Bldg., Oakland.
Day's work. COST, $20,000

DWELLING
(295) W MARS 145 S Ney Ave, Oakland. One-story 4-room dwelling.
Owner.....Mrs. Fisher, - Mars, Okd.
Architect ...None.
Contractor..Ide Lege, 2364 E-15th, Okd
COST, $450

WAREHOUSE
(296) N FIFTH 150 E Cypress, Oakland. Two-story warehouse.
Owner.....Consumers Compressed Yeast Co., NE Fifth and Cypress, Oakland.
Architect ...None.
Contractor..Munster & Bornholdt, 1530 Broderick, San Francisco.
COST, $1000

BOILER ROOM
(297) NE TENTH AND JEFFERSON, Oakland. Boiler room.
Owner.....E. L. Reese, 20 Oakvale Ave., Berkeley.
Architect ...None.
Contractor..O. V. Fortin, 24th and Waverly, Oakland.
COST, $150

BRICK GARAGE
(298) E BROADWAY 262 S 21st, Oakland. One-story brick garage.
Owner.....Harmon Bell, Thomson Bldg., Oakland.
Architect ...Wm. Knowles, Central Bk. Bldg., Oakland.
Contractor..Wm. Knowles, Central Bk. Bldg., Oakland.
COST, $13,000

DWELLING
(299) SW MILES AVE AND FOREST, Oakland. Two-story 5-room dwlg.
Owner.....H. S. Butler, 5648 Oak Grove Ave., Oakland
Architect ...None.
Day's work. COST, $2500

DWELLING
(300) N SIXTY-FIRST 355 E San Pablo Ave., Oakland. One-story 5-room dwelling.
Owner.....Morgenson Bros., 413 44th, Oakland.
Architect ...None.
Day's work. COST, $1700

BRICK GARAGE
(302) NO. 1575 SEVENTH, Oakland. One-story brick garage.
Owner.....C. H. Nor, 7th and Peralta Oakland.
Architect ...Chester H. Miller, 1st Trust Bldg., Oakland.
Contractor..Stephen McPhersen, 2126 Woolsey, Berkeley.
Filed Feb. 8, '17. Dated Jan. 30, '17.
Brick walls up.....$1500
Roof sheathed 1500
Completed and accepted..... 760
TOTAL COST, $3760
Bond, none. Limit 35 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(303) SW E-FOURTEENTH 68 NW 35th Ave NW 30xSW 100, Oakland. All work for alterations and additions to one-story frame theatre.
Owner.....Frank Vielhauer, 1253 35th Ave., Oakland.
Architect ...None.
Contractor..E. D. Bassett, 1011 Franklin, Oakland.
Filed Feb. 8, '17. Dated Feb. 6, '17.
Frame up and rough work completed ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $1765
Bond, none. Limit, 90 days. Forfeit $5. Plans and specifications filed.

BRICK STORES
(304) S SEVENTH 50 E Broadway, Oakland. One-story brick stores.
Owner..... W. J. Schmidt, Cedar and Sacramento, Berkeley.
Architect ...M. I. Diggs, 1439 Broadway, Oakland.
Contractor..Walter Sorenson, 2419 Ellis, Berkeley
COST, $4500

ALTERATIONS
(305) NO. 1705 E-TWELFTH, Oakland Alterations.
Owner.....John R. Hodge, 1711 E-14th, Oakland.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(306) NO. 4450 E-FOURTEENTH, Oakland. Alterations.
Owner.....John R. Hodge, 1711 E-14th, Oakland.
Architect ...None.
Day's work. COST, $500

DWELLING
(307) E TWENTY-NINTH AVE 200 N Boehmer, Oakland. One-story 4-room dwelling.
Owner.....Chas. W. E. Anderson, Premises.
Architect ...None.
Day's work. COST, $1000

DWELLING
(308) E EUCLID AVE 75 S Van Buren Oakland. Two-story 7-room dwlg.
Owner.....A. A. Armstrong, 2129 Telegraph Ave., Oakland.
Architect ...None.
Contractor..A. E. Olson, 2129 Telegraph Ave., Oakland.
COST, $4000

DWELLING
(309) N MANDANA BLVD 1300 E Lakeshore Ave., Oakland. Two-story eight-room dwelling.
Owner.....Banning & Stewart Constr Co., 5204 Desmond, Okd.
Architect ...None.
Day's work. COST, $4800

FRAME RESIDENCE
(310) LOT 20 BLK "F" Lakewood Park, Piedmont. One-story 6-room frame dwelling.
Owner.....Mathew Klein, 6511 Raymond, Oakland.
Architect ...None.
Day's work. COST, $2[illegible]

FRAME DWELLING
(311) LOT 20 BLK "D" Lakewood Park, Piedmont.. One-story 6-room frame dwelling.
Owner.....W. Bartell.
Architect ...None.
Contractor B. S. Hanson, 885 51st, Oakland.
COST, $2500

FRAME DWELLING
(312) LOT 11 BLK "F" Lakewood Park, Piedmont. One-story frame dwelling.
Owner.....A. T. Tickell.
Architect ...None.
[illegible] Oakland COST, $[illegible]

COTTAGE
[illegible] GIRARD AVE & BOULEVARD [illegible] Piedmont. Five-room cottage and garage.
Owner..... Wickham Haven [illegible] Fox Broadway, Oakland
Architect ...None.
Manager of Constr...Frederick Whitton, 251 Kearny, S. F.
COST, $4100

COTTAGE
(314) LOT 3 BLK "B" Lakewood Park Piedmont. Five-room cottage and garage.
Owner.....A. A. Russell.
Architect ...None.
Day's work. COST, $2500

COTTAGE
(315) LOT 4 BLK "B" Lakewood Park, Piedmont. Five-room cottage and garage.
Owner.....A. A. Russell.
Architect ...None.
Day's work. COST, $2500

COTTAGE
(316) LOT 5 BLK "B" Lakewood Park, Piedmont. Five-room cottage and garage.
Owner.....A. A. Russell.
Architect ...None.
Day's work. COST, $2500

COTTAGE
(317) LOT 6 BLK "B" Lakewood Park, Piedmont. Five-room cottage and garage.
Owner.....A. A. Russell.
Architect ...None.
Day's work. COST, $2500

DWELLING
(318) S SONOMA 120 W Peralta, Albany. One-story 5-room dwelling.
Owner.....J. A. Pinkerton, 1931 Berryman, Berkeley.
Architect ...None.
Day's work. COST, $1800

DWELLING
(319) NO. 968 ADAMS, Albany. One story 3-room dwelling.
Owner.....C. Cristofno.
Architect ...None.
Contractor..V. Perry, 717 Stanage Ave Albany. COST, $400

ADDITION
(320) NO. 521 TALBOT AVE., Albany. Addition.
Owner.....Clemente Penna, Premises
Architect ...None.
Contractor..C. Canetto & Co., 933 Addison, Berkeley.
COST, $650

ALTERATIONS
(322) E FOOTHILL BLVD at 108th Ave., Oakland. All work for alterations to two-story frame dwelling.
Owner.....I. W. Hellman Jr., Wells Fargo Nevada Bank, S. F.
Architect ...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..J. M. Boga, 1080 Park St., San Leandro.
Filed Feb. 9, '17. Dated Feb. 8, '17.
On 1st of each month..... 75%
Usual 25 days 25
TOTAL COST $[illegible]
Bond, $1212.50. Sureties, J. S. Bettencourt and George Lewis. Limit, 60 days. Forfeit, none.. Plans and specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
268	Maculey	Owner	1000
280	Fisher	Fleischer	600
281	Newman	Devine	1800
282	Matteson	Townsend	3475
283	Jackson	Jackson	2500
301	Risher	Risher	2000
321	Evans	Evans	2900
323	Silvershield	Warren	5550

(268) SIXTH AND CARLTON, Berkeley Add to factory.
Owner.....H. C. Maculey Foundry Co., Premises.
Architect ...None.
Day's work. COST, $1000

(280) NW SHATTUCK & UNIVERSITY Aves, Berkeley. Alterations.
Owner.....Fisher Estate.
Architect ...None.
Contractor..Chas. M. Fleischer, 2032 Bancroft Way, Berkeley.
COST, $600

(281) E MABEL 45 S Carlton, Berkeley. One-story 5-room dwelling.
Owner.....Marian Newman, 2633 Mabel, Berkeley.
Architect ...None.
Contractor..C. A. Doane, 3502 Grove, Oakland.
COST, $1800

(282) S SAN LUIS ROAD 500 N Indian Rock Ave., Berkeley. One and one-half-story 6-room dwelling.
Owner.....Mary Matteson.
Architect ...None.
Contractor..Fred Townsend, 840 San Luis Road, Berkeley.
COST, $3475

(283) W SPRUCE 170 N Cedar, Berkeley. One-story 5-room dwelling.
Owner.....E. W. Jackson, 2640 Haste, Berkeley.
Architect ...Edward E. Young, 251 Kearny, San Francisco.
Day's work. COST, $2500

(301) N DELAWARE 80 E Grant, Berkeley. One-story 5-room dwelling.
Owner.....Geo. S. Risher, 1814 Hearst Ave., Berkeley.
Architect ...None.
Day's work. COST, $2000

(321) W ETON AVE 178.6 N Claremont Ave., Berkeley. One-story six-room dwelling.
Owner.....Lizzie P. Evans, 2601 Russell, Berkeley.
Architect ...F. Holberg Reimers, Acheson Bldg., Berkeley.
Day's work. COST, $2900

(323) SW ALLSTON WAY & TELEgraph Ave being ptn Lot 1 Blk 2 Map Villa Lots adjoining University on the south, Berkeley. All work except cement sidewalks and electric fixtures for one-story brick stores.
Owner.....M. J. Silvershield, 2214 Telegraph Ave., Berkeley.
Architect ...James W. Plachek, Acheson Bldg., Berkeley.
Contractor..C. H. Warren, 2200 Atherton, Berkeley.
Filed Feb. 9, '17. Dated Feb. 5, '17.
Brick work completed.....$1000.00
Roof completed 1000.00
Plastered 1000.00
Completed and accepted..... 1050.60
Usual 35 days..... 1500.00
TOTAL COST, $5550.60
Bond, $2775.30 Surety, Hartford Accident & Indemnity Co Limit, 90 days Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
292	Tuttle	Noble	1800
293	Same	Same	2000
294	Noble	Noble	1800

(292) NO. 1614 SIXTH, Alameda. One-story 5-room dwelling.
Owner.....L. P. Tuttle, 1311 Santa Clara Ave., Alameda.
Architect ...None.
Contractor..Geo. H. Noble, 2220 Central Ave., Alameda.
COST, $1800

(293) NO. 610 PACIFIC AVE., Alameda One-story five-room dwelling.
Owner.....L. P. Tuttle, 1311 Santa Clara Ave., Alameda.
Architect ...None.
Contractor..Geo. H. Noble, 2220 Central Ave., Alameda.
COST, $2000

(294) NO. 2614 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner.....Geo. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $1800

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Feb. 3, 1917—W MABEL 101 S Derby S 34xW 80, Bkly. William J Baker to whom it may concern.Feb. 3, 1917
Feb. 5, 1917—(1) W PERKINS 100 N Van Buren; (2) W Grand Ave 175 S Perry; (3) W Grand Ave 225 S Perry, Okd. V Z Rutherford and W M Greuner to whom it may concern .....Feb. 2, 1917
Feb. 5, 1917—PTN BLK BDED N BY Bristol; E by Third; S by University Ave and W by Second, Bkly. El Dorado Oil Works to Brode Iron Works.....Feb. 5, 1917
Feb. 5, 1917—LOT 5 BLK "C" Sheet No. 1, Lakewood Park, Piedmont. Clara Clawson to J F Rogers..... .....Jan. 25, 1917
Feb. 6, 1917—NEXT LOT W NO. 1015 Santa Clara Ave, Ala. Walter A Hesse and Christine Hesse to M E Hopper & Son.....Feb. 3, 1917
Feb. 7, 1917—N SIXTH 75 E Broadway N 100xE 100, Okd. C H King Estate Co to Alfred Olson..Feb. 2, '17
Feb. 8, 1917—LOT 7 BLK "A" Sheet No. 1, Lakewood Park Tract, Okd. Alfred Cords to whom it may concern.....Feb. 6, 1917
Feb. 8, 1917—LOT 14 BLK "A" Map Waterside Terract, Ala. Mark T Cole to whom it may concern..... .....Feb. 7, 1917
Feb. 8, 1917—LOT 5 BLK "A" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern..... .....Feb. 7, 1917
Feb. 8, 1917—(1) SW SECOND AND Franklin 100x75; (2) S Second bet Broadway and Franklin 28x75, Okd. The Fruit & Produce Realty Co to E Axx.....Jan. 26, 1917
Feb. 9, 1917—LOT 1 BLK 1 Map Dwight Way Gardens, Bkly. Raymond H Bailey to Mason-McDuffie Co.....Feb. 8, 1917
Feb. 9, 1917—LOTS 14 AND 15 BLK 5 Map Thousand Oaks, Alameda County. C L Porter to Axel Carlson.....Feb. 8, 1917
Feb. 9, 1917—PTN LOTS 6 AND 7 Blk "D" Oakland Highlands, Okd. Andrew Anderson to whom it may concern.....Feb. 8, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT
Feb. 1, 1917—W SAN PABLO AVE 133.295 S S line right of way S F O T Railway SW 177.77 NW 57.735, Albany. J A Fagerstrom vs J A Westman and N L Nielsen Jr..$1964
Feb. 7, 1917—N E-TWELFTH 100 E 13th Ave E 75xN 200, Okd. J Henry Bruecker vs J E Davis.....$67.50
Feb. 8, 1917—LOT 4 BLK "E" Map Excelsior Heights, Okd.. Panama Lumber & Mill Co vs F N Strang, Oakland Investment Co, J C O'Connor, J R Elrod and Realty Syndicate Bldg $298
Feb. 8, 1917—W SANTA CLARA AV 2.10 N Crescent N 40.07 SW 82.90 SE 40 NE 85.45, Okd. Oakland Plumbing Supply Co vs Ludwig W and Josephine Andersen, Chas P and Jane Doe Eggleston, Mrs Esther F Crowell, John Doe and Richard Roe $180.50
Feb. 8, 1917—W SANTA CLARA AV 82.22 N Crescent on curve to right 40.09 SW 82.90 SE 40 NE 85.45, Okd. Oakland Plumbing Supply Co vs Ludwig W Andersen, Josephine Andersen, Chas P Eggleston, Jane Doe Eggleston, B H Belden, Ada M Belden and Richard Roe.....$102.90
Feb. 8, 1917—LOT 6 Map Gorrill Glen, Oakland. John P Maxwell (Maxwell Hardware Co) vs C M Dean and James Haberlin.....$38

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE—Reinforced concrete, $1,000,000. Redwood City, San Mateo Co., Cal. Engineers, Weeks & Day, Phelan Bldg., S. F. Owners, Alameda and San Mateo Counties. Consulting Engineers Weeks & Day have prepared preliminary studies for an ornamental reinforced concrete bridge to be erected jointly by San Mateo and Alameda Counties over the bay at Dumbarton, a short distance from Redwood City.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. At the last meeting of the Santa Clara County Supervisors plans and specifications for a reinforced concrete bridge over the Los Gatos Creek at Wright station and a reinforced concrete bridge on Foxworthy road near the Van Dorsten place. Bids will be called for on completion of plans. .

HIGHWAY CONSTRUCTION — Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. The County Supervisors have passed a resolution declaring that if the Santa Clara County Supervisors construct a highway in Santa Clara County through Bodfish Canyon to the county of Santa Cruz, they in return will construct a highway in Santa Cruz County to connect with the highway constructed in Santa Clara County.

STREET PAVING—Cost not stated. Sunnyvale, Santa Clara Co., Cal. Engineer, Town Engineer, Sunnyvale. At the last meeting of the Town Trustees, Town Engineer E. P. McCray was instructed to prepare plans and specifications for the paving of Murphy avenue, from the north side of Washington avenue to the state highway. Bids will be called for on completion and approval of plans.

HOSPITAL—2 story and base, frame, Cost sot stated. South San Francisco, San Mateo Co. Cal. Architect, Alfred I. Coffee, Humboldt Bank Bldg., S. F. Owners, Dr. Dolly et al. Designed for a private institution but will contain some wards as well as private rooms, office and operating room. Plans being prepared.

Contract Awarded.

STREET IMPROVEMENTS — $34,290.75. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The Board of Supervisors has awarded a contract to E. H. Sundberg, 215 Oakland Savings Bank, Oakland, for the improvement of the following streets: San Juan avenue, San Antonio avenue, San Felipe avenue, San Anselmo avenue, Santa Helena avenue, Santa Maria avenue, San Diego avenue, Santa Clara avenue, Santa Inez avenue, San Benito avenue, Santa Lucia avenue, Santa Domingo avenue, San Marco avenue and San Luis avenue, by grading the sidewalk area; construction of artifificial stone sidewalks, 5 feet in width in the center of the sidewalk area: the construction of concrete curbs and gutters. Sundberg's bid was $34,290.75. Other bids submitted were as follows: M. E. Fernandez, $37,743.75; T. Mathieson, $35,667; T. J. Lindgren, $35,938.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

EMBARCADERO ROAD & EMERSON Street, Palo Alto. All work for two-story and basement frame residence.
Owner.....A. M. Cathcart, 209 Addison St., Palo Alto.
Architect ...Geo. W. Mosher.
Contractor..Geo. W. Mosher, 365 Channing St., Palo Alto.
Filed Jan. 27, '17. Dated Jan. 24, '17.
Frame up and rafters on.....$1200
Rough plastering done..... 1200
Accepted 1200
Usual 35 days..... 1200
TOTAL COST, $4800
Bond, none. Limit, 90 days from filing. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
Jan. 31, 1917—LOS ALTOS AVE North Los Altos. Elizabeth Alexander to J J Cordoza.....	Jan. 27, 1917

LIENS FILED

SANTA CLARA COUNTY.

RECORDED	AMOUNT
Jan. 26, 1917—DRYDEN AVE, Catherine Dinner Ranch. G A Chaffel & Co vs Catherine Dinne Co.....	$51.75

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE — 2 story and base, frame. Cost not stated. Mt. Diablo, Contra Costa Co., Cal. Co., Cal. Architect, William Knowles, Hearst Bldg., S. F. Owner, Judge Melvin. Location, Mt. Diablo Park. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Mt. Diablo, Contra Costa Co., Cal. Co., Cal. Architect, William Knowles, Hearst Bldg., S. F. Owner, Louis Hemerick. Location, Mt. Diablo Park. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans beinb prepared.

RESIDENCE—1 and 2 story and base, frame and concrete, $50,000. Mt. Diablo, Contra Costa Co., Cal. Architect, Louis Christian Mullgardt, Chronicle Bldg., S. F. Owner, Ansel Easton. Location, Mt. Diablo Park. Will contain fourteen rooms, several baths and sleeping porches. Garage and other out buildings will be erected. Plans being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Mt. Diablo, Contra Costa Co., Cal. Co., Cal. Architect, William Knowles, Hearst Bldg., S. F. Owner, J. B. John. Location, Mt. Diablo Park. Will contain twelve rooms, three baths and sleeping porch.. Separate garage. Plans being prepared.

WAREHOUSE—1 story, brick. Cost not stated. Petaluma, Sonoma Co., Cal. Engineer, L. S. Rosener, Insurance Exchange Bldg., S. F. Owners, Golden Eagle Milling Co. Location, East Petaluma. Will cover a ground area of 60 by 300 feet. Plans being prepared.

STREET PAVING—Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. The City Council has ordered bids received for improving certain streets in San Rafael with a Topeka or Warrenite surface. The contractors will be permitted to bid for their particular patent. Plans and further information may be had from the City Clerk.

APARTMENT HOUSE ALTERATION AND ADDITION—2 story, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett. 906 Macdonald avenue, Richmond. Owners, California Home Builders. Location, 3rd and Ohio streets. The building to be altered is now used as a lodge hall. Work will include interio and exterior alterations and the addition of several rooms. Plans complete and figures being taken.

RESIDENCE — 1 story and base, frame, $1,800. Richmond, Contra Costa Co., Cal. Architect, none. Owner. W. O. Kilborn, 456 1st street, Richmond. Location, 19th and Dunn streets. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,700. Richmond, Contra Costa Co., Cal. Architect, none. Owner, Mathew Morton, Builders' Exchange, Richmond. Location, 8th street near Ripley. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

LODGE HALL—2 story and base, brick, steel and concrete, $90,000. Vallejo, Solano Co., Cal. Architect, John [illegible] Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Temple Association. Will contain large lodge rooms and offices. Plans complete and bids to be called for at once.

Contract Awarded.

FIRE HOUSE—2 story, reinforced concrete, $10,958. San Rafael, Marin Co. Cal. Architects, Masten & Loubet, First National Bank Bldg., S. F. Owners, Town of San Rafael. Contractor, J. A. Cappenman, San Rafael. Contract price $10,958. A complete list of these bids will be found under the heading of Bids Opened in this issue.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

COR. NINETEENTH AND DUNN, Richmond. One-story frame cottage.
Owner.....W. O. Kilborn, 456 1st St., Richmond.
Architect ...None.
Day's work. COST, $1500

EIGHTH ST., bet Ripley and Pennsylvania, Richmond. One-story frame cottage.
Owner.....Mathew Morton, Builders' Exchange, Richmond.
Architect ...None.
Day's work. COST, $1700

FIFTEENTH ST., bet Macdonald and Bissell, Richmond. One-story frame cottage.
Owner.....A. J. McNarry, Andrade Apartments, Richmond.
Architect ...None.
Contractor..N. E. Anderson, 1110 Barrett Ave., Richmond.
COST, $1500

COR. ELEVENTH AND ROOSEVELT, Richmond. One-story frame dwelling.
Owner.....Andrew M. Nelson, 243 Macdonald Ave., Richmond.
Architect ...None.
Contractor..E. A. F. Carson, 4323 19th, San Francisco.
COST, $2900

COMPLETION NOTICES

MARIN COUNTY.

RECORDED	ACCEPTED
Feb. 1, 1917—SAUSALITO. David Cooper and wife to whom it may concern.....	Jan. 25, 1917

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STREET PAVING—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Thompson Bros., 1514 H street, Fresno, have been awarded the contract for the paving of Inyo street, from Van ..Ness avenue to Santa Fe avenue, and the paving of alleys in Blocks 85 and 88.

HIGHWAY CONSTRUCTION—Cost as follows. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The contract for excavation work on the Crows Landing road on the west bank of the San Joaquin River to provide a new roadway for this branch of the county highway to be improved under the bond issue, has been let by the County Board of Supervisors to M. [illegible] kuz of Stockton, at [illegible] per cubic yard. Six other bids were received, the highest being [illegible]

Engineer E. H. Annear has estimated that the excavation will require 15,000 cubic yards.

SEWER SYSTEM—Cost as follows. Madera, Madera Co., Cal. Engineer, City Engineer, Madera. Owners, City of Madera. City Engineer Stafford at the last meeting of the City Trustees submitted ways and means together with estimates of cost for handling the city sewage problem. Seven propositions were submitted by Stafford, and the following met with the approval of the Board. No. 1 City to buy 20 acres from Roberts Estate, being north half of northwest quarter of the northwest quarter of section 21, 11, 17; construct 3½ miles of 18-inch cement pipe and discharge sewage from septic tank into Fresno River; cost—pipe, $11,000; land, 20 acres at $125 per acre, $2,500; septic tank, $5,000; total, $18,500. No action was taken.

HIGHWAY IMPROVEMENT—Cost as follows. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. Thompson Bros., 1514 H street, Fresno, have been awarded the contract by the Supervisors for the construction of 7½ miles of improved highway from Lemore to Brownsdale, they being low bidders at $31,500. The only other bidder was Bent & Pennebaker at $40,804.

RESIDENCE — 1 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, T. J. Reese, 1298 Elmhurst street, Fresno. Location, Alta Vista Tract. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE 3 story and base, brick, $40,000. Fresno, Fresno Co., Cal. Architect, none. Owner, George Schorling, 2124 Stanislaus avenue, Fresno. Location, west I street between Tuolumne and Stanislaus. Will be arranged for a total of 24 apartments of two and three rooms. Plans being prepared.

POST OFFICE 2 story and base Class A construction. Cost not stated. Bakersfield, Kern Co., Cal. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Word has been received by Postmaster Klipstein of Bakersfield that bids for the Bakersfield post office have been rejected and plans will go under revision immediately. All bids were above the amount available for construction.

DEPOT 1 story, frame, $11,600. Merced, Merced Co., Cal. Architects, Engineering Dept. Santa Fe R. R. Co., Los Angeles. Owners, Santa Fe Railroad Co. Plans for the new passenger depot to be erected on the Santa Fe property are being revised.

SCHOOL—1 and 2 story, brick and concrete, $135,000. Modesto, Stanislaus Co., Cal. Architects, De Remer & Hewitt, Title Insurance Bldg., L. A. Owners, City of Modesto. The architects have reported to the Modesto Board of Education that plans and specifications for the new high school will be ready for figures by February 27th, 1917. The building will be 1 and 2 stories, brick and concrete, and will cover an area of 300 by 400 feet.

HIGHWAY CONSTRUCTION — Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The Supervisors will call for bids next week for part of the highway to be constructed through Oakdale. The unit from Thalheim to Oakdale is first to be built, then from Oakdale to the railroad crossing south of town. These two pieces of work and the half mile switch to connect the city paving with the Salida lateral, will be grouped in one contract when bids are asked.

STREET IMPROVEMENT—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be opened on February 19th for street improvements authorized under the following resolution: That the alley in block 38, from Kern street to Tulare street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a 1½-inch bitulithic wearing surface.

ELECTROLIER SYSTEM—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council of Bakersfield has instructed the City Engineer to prepare plans and specifications for the installing of an electrolier lighting system here along Chester avenue, between 15th and 20th streets, and along 10th street, between M and F streets. The engineer's plans will provide for the installation of four 500-candle power electroliers to the block on each side of the street.

HIGHWAY CONSTRUCTION — Cost as follows. Bakersfield, Kern Co., Cal. Engineer, County Highway Commission, Bakersfield. Owners, Kern County. For Division 9, section 5-A, Bakersfield-Glennville road, W. A. Kettlewell & Sons, Kingsbury, $22,075.10; Mesmer & Rice, Los Angeles, $21,271.35; William Ledbetter, Los Angeles, $19,598.45; Ward C. Northcraft, Los Angeles, $17,734.55; and Isabell Construction Co., San Diego, $21,071.13. For the ninth division of section g, on the same road: William Ledbetter, $21,972; Isabell Construction Co., $19,264.40; W. A. Kettlewell & Son, $25,025.40; Hiner & Fisher, $19,453.15; Mesmer & Rice, 22,731.90; and Ward C. Northcraft, $20,264.67. All bids were referred to the County Highway Commission for report.

BRIDGES AND CULVERTS—Cost not stated. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. Bids will be opened on February 17th at 10:30 a. m. for constructing bridges and culverts on highway No. 1, division No. 4 (Lemore to Browndale). The quantities to be bid on are as follows: (1) 275 cubic yards of class A concrete; (2) 75 cubic yards of class B concrete; (3) 21,000 pounds of steel.

Contract Awarded.

HIGHWAY CONSTRUCTION — Cost as follows. Bakersfield, Kern Co., Cal. Engineer, County Highway Commission, Bakersfield. Owners, Kern County. The County Supervisors have awarded contracts for highway work as follows: For construction of division 9, section 5, Bakersfield-Glennville county highway to Isabell Construction Co., San Diego, for $19,264.40. For construction of division 9, section 5-A, of the Bakersfield-Glennville county highway, to W. C. Northcraft, for $17,734.55.

BUILDING CONTRACTS

FRESNO COUNTY.

PTN LOTS 25 TO 29 BLK 83, Fresno. All work for six-story Class "A" office building.

Owner.....Florence E. M. Palmer.
Architect...E. Mathewson, Cory Bldg., Fresno.
Contractor..E. Riggins, P. A. Palmer and Peter Petersen, Tulare and H Sts., Fresno.
Filed Feb. 2, '17. Dated Jan. 31, '17.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $122,285
Bond, $61,142. Surety, National Surety Co. Limit, 200 working days. Forfeit, $100. Plans and specifications filed.

Contractor..Barrett & Hicks, 1035 I St. Fresno.
Filed Feb. 2, '17. Dated Jan. 24, '17.
Payments same as above.....
TOTAL COST, $21,071
Bond, $11,000. Sureties, W. Miles and C. R. Puckhaber. Limit, 200 working days. Forfeit, $100. Plans and specifications filed.

LOTS 17 TO 22 BLK 202, Fresno. All work for one-story and basement brick addition to warehouse.
Owner.....San Joaquin Grocery Co., J & San Diego Sts., Fresno
Architect...None.
Contractor..R. F. Felchlin, Rowell Bldg., Fresno.
COST, $20,000

LOT 11 BLK 36, Alta Vista Tract, Fresno. Dwelling and garage.
Owner.....T. J. Reese, 1298 Elmhurst St., Fresno.
Architect...None.
Day's work. COST, $2000

LOTS 28 AND 29 BLK 13, Belmont Addition, Fresno. Dwelling and garage
Owner.....O. P. Fowler.
Architect...None.
Contractor..S. L. Allen, 124 Holly St., Fresno.
COST, $1800

LOTS 16 AND 17 BLK 1 Villa Homestead Tract, Fresno. Dwelling.
Owner.....J. A. Coleman, Fresno.
Architect...None.
Contractor..L. Burch, 242 San Pablo, Fresno. COST, $1600

LOTS 27 TO 31 BLK 5, Olive Park, Fresno. Dwelling.
Owner.....Mrs. Dunning.
Architect...None.
Contractor..John Nail, 622 Palm St., Fresno. COST, $1575

LOT 28 BLK 50, Fresno. Sheet metal work for boiler house.
Owner.....Pacific Gas & Electric Co., J Cor. Tuolumne, Fresno.
Architect...None.

Contractor..Barrett-Hicks Co., 1035 I St., Fresno.
Filed Feb. 6, '17. Dated Jan. 31, '17.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $1445
Bond, $750. Surety, Maryland Casualty Co. Limit, forfeit, plans and specifications none.

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

STREET IMPROVEMENTS—Cost not stated. Woodland, Yolo Co., Cal. Engineer, City Engineer, Woodland. Owners, City of Woodland. The City Trustees have ordered bids received up to February 26th at 8 p. m. for the construction of sidewalks in the follow-

ing streets: East side of First street, from Beamer to Clover; west side of Fifth street, from Beamer to Clover, both sides of Fifth street, from North to Court, both sides of Lincoln avenue, from Sixth to the Southern Pacific depot, both sides of Third street, from Pendegast to Gibson, both sides of Pendegast, from Second to the Southern Pacific right of way; both sides of Bartlett, from College to First; both sides of Fourth, from Cross to Hays; both sides of Clover street, from Walnut to a point 184 feet west of Walnut; south side of North street, from Cleveland to a point 150 feet west of Cleveland; both sides of Oak street, form Fourth to Fifth streets, excepting those portions already laid on the official grade.

BRIDGE—Steel and reinforced concrete. Colusa, Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa and Glenn Counties. John Ryan is engaged in preparing an estimate of the cost of costructing the proposed Princton bridge, which is to be constructed by Glenn and Colusa Counties. Colusa has already set aside $50,000 for its construction and Glenn County last year made a levy which put into the fund $35,000. According to Ryan's figures, the bridge will cost in the neighborhood of $200,000, a much greater amount than previously estimated.

STREET IMPROVEMENT—Cost not stated. Marysville, Yuba Co., Cal. Engineer, City Engineer, Marysville. Owners, City of Marysville. Plans and specifications for a new street improvement district, to be known as Section No. 5, and to include thirteen blocks of the residence section, have been adopted by the City Council. The territory covered is: F street, 6th to 12th; 12th street, E to G; E street, 8th to 10th; 10th street, E to F, and 8th St., D to F. The official grades for these streets and the curbings were also adopted. The improvement will include parking of E street, 8th to 10th, and on 10th street, E to F. Bids for the work will be called for shortly.

STREET IMPROVEMENTS—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. A resolution of intention has been passed by the City Council of Stockton calling for the improvement of nearly all streets located in the McCloud District of the city. Bids will be called for as soon as the time required by law for the publication of the resolution of intention expires.

BANK AND OFFICES Class A construction. Cost not stated. Sacramento, Cal. Architect not selected. Owners, Sacramento Bank. Announcement has been made in Sacramento that the Sacramento Bank has made a flat offer to the Land Estate for the purchase of the southeast corner of 7th and K streets. The announcement states that the bank has offered $225,000 for the property. No selection of an architect has been announced

APARTMENTS AND STORES — 2 story and base, frame. Cost not statchitect, none. Owner. W. H. Cutts, ed. Lodi, San Joaquin Co., Cal. Ar-Lodi. Will contain stores on the first floor and six apartments on the upper floor. Plans are being prepared.

GARAGE AND SALES ROOMS — 1 story and base, reinforced concrete, $8,000. Chico, Butte Co., Cal. Architect, Chester Cole, Waterland Bldg., Chico. Owners, J. W. Konning, Henry Haile and Miss Lettie Miller Location, Main street near 4th, covering an area of 60 by 132 feet. Will contain retail sales rooms and office in the front portion of the building and a commercial garage in the rear. Plans being prepared.

HOSPITAL—2 story and base, frame or concrete, $20,000. Yuba City, Sutter Co., Cal. Architect, Chester Cole, Waterland Bldg., Chico. Owners, Sutter County. Will contain private rooms and wards. Plans are being prepared. Bids will be called for about March 1st and will be taken for frame and plaster construction and also for reinforced concrete.

WATER SYSTEM—Cost as follows. Chico, Butte Co., Cal. Engineer, C. M. Burleson, 785 Market street, S. F. Owner, Dennis Murphy, Chico. C. M. Burleson has been employed by Dennis Murphy of Chico to appear before the City Trustees to urge them to buy a site from Murphy for the construction of a municipal power plant. The site is on Deer Creek. It is estimated by Burleson that $477,836 would be necessary for the construction of the plant, and in this sum he includes an additional sum for any unforseen accidents or disabilities that the work of of constructing the plant might encounter. The watersned subsidiary to the dam and canal would cover an area of over 175 square miles: from the dam to the power house a five-mile canal would be necessary for the feeding of the feeding of the plant. Many Chico business men are interested in the proposed work and will meet with Burleson to find if the project is practicable. The Trustees have been considering the matter for some time, and it is probable that an early decision will be rendered.

STREET IMPROVEMENTS—Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. Bids will be opened on February 20th at 11 a. m. for street improvements authorized under the following resolutions: That the alley first south of Park avenue, in J. Landers' Addition "C," etc., be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; four concrete manholes; placing 62 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer; placing one 6-inch, vitrified, ironstone flusher branch complete, and backfilling the trenches.

That 38th street, from I street to J street, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer from the north line of J street to the center line of I street, constructing one concrete manhole; placing 18 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, and backfilling the trench.

That the easement granted to the city of Sacramento for the purpose of constructing therein a sewer in block 3, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8 inch, vitrified, ironstone pipe sewers; two concrete manholes; one 6-inch, vitrified, ironstone flusher branch; placing 13 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer; placing 6 4-inch, vitrified ironstone Y branches on 6-inch pipe sewer, and backfilling the trenches.

That the alley between Allen avenue and [illegible] street in the City of Sacramento be improved by excavating a trench and constructing therein an 8-inch, vitrified ironstone pipe sewer from the center line of the alley on the west side of Lot 35 in T Street Addition to a point two feet westerly from the west line of 14th street, constructing two concrete manholes complete, with cast iron rims and covers placing 28 6-inch, vitrified, ironstone Y branches on 8-inch sewer and backfilling the trench.

That Terrace avenue, from 22nd avenue and the alley west of Terrace avenue, in Bonita Terrace, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; three concrete manholes; one 6-inch, vitrified, ironstone flusher branch complete; placing 38 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the alley between Sylvan Way and Channing Way, in Wright & Kimbrough Subdivision No. 20, be improved by excavating a trench and constructing therein an 8-inch, ironstone pipe sewer; one concrete manhole; one 6-inch, vitrified, ironstone flusher branch complete; placing 2 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the easement granted to the city of Sacramento for the purpose of constructing therein sewers in block 4, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8-inch, vitrified, ironstone pipe sewers; two concrete manholes; 11 6-inch, vitrified, ironstone Y branches on 6-inch, vitrified, ironstone pipe sewer; placing two 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, and backfilling the trenches.

HIGHWAY GRADING, ETC.—Cost not stated. Yreka, Siskiyou Co., Cal. Engineer, County Surveyor, Yreka. Owners, Siskiyou County. The County Board of Supervisors at its last meeting adopted plans and specifications for the grading of a county road from the top of Forest House Mountain to the floor of the valley leading into Fort Jones, and distance of three and three-quarter miles. The plans of County Surveyor Sarter contemplate a roadbed 22 feet wide. Bids for the construction of this portion of the road will be opened on March th. Plans and further information relative to the work may be had from the County Clerk.

STREET GRADING—Cost not stated. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. The City Council has instructed the City Engineer to prepare plans and specifications for grading Buhne street, from O street to Fairfield street, and two blocks of Garland street adjacent to Buhne street.

STREET IMPROVEMENTS—Cost not stated. Yuba City, Sutter Co., Cal. Engineer, City Engineer, Yuba City. Owners, Yuba City. Estimates on the proposed paving of streets in the business and residence districts of Yuba City have been received by the Board of Trustees. The streets included in the district are: Plumas, Bridge, Second, Vine and Forman. The [illegible]

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of laying sanitary sewers preliminary to the street work has been taken up with Dr. J. H. Barr, the City Health Officer.

STREET PAVING—Cost not stated. Redding, Shasta Co., Cal. Engineer, City Engineer, Redding. Owners, City of Redding. The City Trustees have taken preliminary steps providing for the paving of eight blocks with asphalt. The blocks it is proposed to improve are: California street, from placer to Tehama—three blocks; Tehama street, from Market to California—one block; Market street, from Tehama to Shasta—one block; Yuba street, from the railroad to Court street—two blocks.

STREET PAVING, ETC.—$5,779.98. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council has accepted plans and specifications prepared by the City Engineer for the improvement of Main street, between Monroe and Lincoln streets.

SEWER CONSTRUCTION Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. The City Commissioners have awarded street and sewer contracts as follows: To W. F. Edwards, 675 31st street, Oakland, Cal., No. 1, and J. W. Terrell, 1111 29th street, Sacramento, No. 2.

(1) That Railroad avenue, Dewey avenue, Schley avenue, Tulare avenue, the easement between lots 1 and 2 in Hill & Atkins subdivision No. 1; M street in Larchmont Tract, the alley between Tulare avenue and Wolf avenue, the easement through the north four feet of the south 52.69 feet of lot 5 in Edwin Tullar Subdivision, Phelan avenue, the street first south of Schley avenue in Schley P, extending east from Dewey avenue, and the alley extending east therefrom, be improved by excavating a trench and constructing 8, 10, 12, 15, 18, 21, 24 and 26-inch vitrified, ironstone pipe sewer; constructing 27 concrete manholes complete with cast iron curbs and covers; backfilling the trenches.

(2) That the alley first north of California boulevard, from Capistrano avenue to Oats avenue; Carmel avenue, Bautista avenue; the alley between Carmel avenue and Capistrano avenue, the alley between Bautista avenue and Carmel avenue, the alley between Sierra avenue and Bautista avenue, the alley first north of Williamson avenue, be improved by excavating a trench and constructing 10 and 12-inch, vitrified, ironstone pipe sewer; constructing 14 concrete manholes complete with cast iron curbs and covers; placing one 6-inch, vitrified, ironstone flusher branch complete; backfilling the trenches.

CHURCH—2 story and base, frame, $25,000. Lodi, San Joaquin Co., Cal. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Methodist Episcopal Church. Will contain a main auditorium, Sunday school rooms and social hall. Plans being prepared.

RESIDENCE—1½ story and base, frame, $3,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, C. G. Gall. Location, north Eldorado and Elm. Will contain seven rooms, bath and sleeping porch. Plans being prepared.

Contract Awarded.

BRIDGES AND CULVERTS Timber construction, $3,011. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor Quail, Stockton. Owners, San Joaquin County. Contractor, M. B. White, 722 North San Joaquin street, Stockton Contract price, $3,011.

HOTEL ADDITION—3 story, frame, $17,838. Colusa, Colusa Co., Cal. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owners, Riverside Hotel. Contractor, L. S. Lewis, First National Bank Bldg., Berkeley. Contract price, $17,838.

GARAGE—1 story, brick and concrete, $9,000. Yreka, Siskiyou Co., Cal. Architect, Henry Smith, Humboldt Bank Bldg., S. F. Owner, C. Abshire. Contractors, Calkins & Cooper, Yreka Contract price, $9,000.

STORES AND OFFICES 3 story and base, reinforced concrete. Cost not stated. Grass Valley, Nevada Co., Cal. Architect, none. Owners, Lloyd P. Larue and D. J. Binkleman. Contractors, D. E. Matterson and Charles Wilson, Grass Valley. Contract price not stated.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

NO. 1611 X ST., Sacramento. Two-story dwelling and store.
Owner.....Antonio F Lasarda, 315 M St., Sacramento.
Architect . .None.
Contractor. Charles A Vanni, 1022 M St., Sacramento.
COST, $1800

CYPRESS AVE & THIRTY-FIFTH ST., Sacramento. Remodel store front.
Owner.....Pietro Cengalosi, 3414 Cypress Ave., Sacramento.
Architect . . .None.
Contractor A L Johnson, 2915½ 34th St., Sacramento.
COST, $700

NO. 1709 Q ST., Sacramento. Remodel dwelling making 2 flats (three rooms and bath each).
Owner.....W. H. McMarry, 1621 17th St., Sacramento.
Architect . . .A. Willoner, 403 21st St., Sacramento.
Contractor..M. F. Terra, 2315 9th St., Sacramento.
COST, $1100

LOS ANGELES AND SOUTHERN CALIFORNIA.

MAUSOLEUM—1 story, reinforced concrete and stone, $100,000. Tropico, Los Angeles Co., Cal. Architect, T. Patterson Ross, 310 California street, S. F. Owner's name not given. Designed in the classic style and will provide about 3,000 nitches.. Preliminary plans only prepared.

PORTLAND AND OREGON.

SCHOOL ADDITION—2 story and base, reinforced concrete, $70,000. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, East 69th street and Powell Valley Road. Will contain fourteen class rooms and a arge auditorium. Plans are being prepared.

SEATTLE AND WASHINGTON.

HOTEL ADDITION—5 story, reinforced concrete, $150,000. Seattle, Wash. Architect, J. L. McCauley, New York Block, Seattle. Owners, Rainier Heat and Power Co. Location, Maynard avenue and Jackson street, covering an area of 105 by 120 feet. The new portion will add some 200 rooms to the present hotel. Plans will be completed and figures called for within sixty days.

SCHOOL—2 story and base, brick or concrete, $50,000. Everett, Wash. Architect, B. F. Turnbull, Commerce Bldg., Seattle. Owners, City of Everett. Will contain twelve class rooms and an auditorium. Plans are being prepared.

HIGHWAY CONSTRUCTION — Cost as follows. Seattle, Wash. Engineer, County Surveyor, Seattle. Owners, King County. Plans are now under way in the office of County Engineer Sam Humes for the hard surfacing of approximately twelve miles of road between Auburn and Enumclaw, to cost between $200,000 and $260,000, according to the class of pavement selected. Bids will probably be called for on various classes, including brick, concrete wood block, asphaltic concrete, bitustone and others, and will be one of the largest contracts to be let in one sum in this county during the year.

BRIDGES—Draw span, steel and concrete, $70,000. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. Plans have been completed in the office of the City Engineer for the construction of the draw span over the West Waterway at West Spokane street. The bridge will be 93 feet long with 1,100 feet of approach. It will provide for a double track car line and a five-foot sidewalk. It is estimated to cost $70,000. After approval of the plans by the City Board bids will be called.

Contract Awarded.

POST OFFICE 2 story and base, steel and stone, $74,225. Wenatchee, Wash. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Contractors, Sound Construction Co., Immigration Bldg., Seattle. Contract price, $74,225.

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San Francisco, Cal., February 21, 1917

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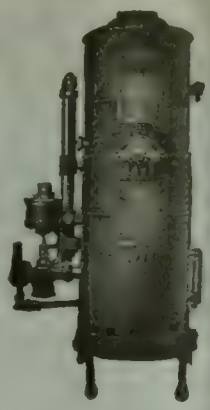
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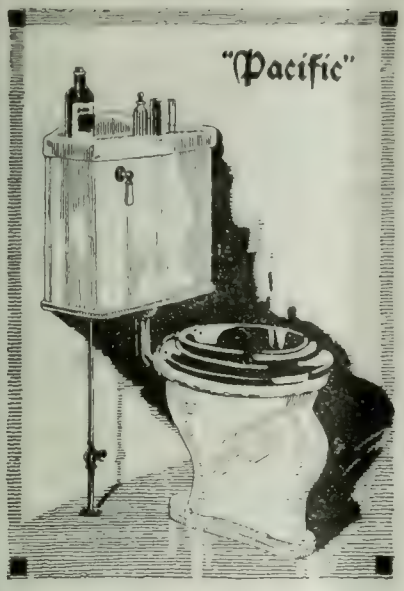
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CHANGE IN PRICE LIST OF WYBRO PANELS.

White Bros., 5th and Brannan streets, San Francisco, have just issued Price List F, which goes into effect March 1st.

Owing to the advance in price of glue and veneers, and the higher wages paid for labor, it was imperative that the prices be advanced.

If our readers wish to take advantage of the present prices which will only prevail until March 1st, we strongly advise that orders be sent in at once—delay means losing an opportunity of saving money before the new prices take effect.

It is well known that WYBRO QUALITY cannot be equalled at any price. ALL PANELS WILL ADVANCE in price by March 1st. Some Eastren Manufacturers will even go so far as to produce an inferior article even at the higher price, but no panel made can possibly equal WYBRO quality and smoothness. The enthusiastic endorsement of thousands of users proves this fact.

LUMBER CUT CENSUS.

California lumbermen cut two hundred fifty million feet more of lumber in 1916 than in 1915, according to District Forester Coert DuBois. To date forty-five mills each cutting ten million or more per year have reported an output of 1,234,000,000 feet. The cut of forty-three of these mills was 1,221,742,000 feet in 1916, while in 1915 the same mills cut 976,410,000 feet.

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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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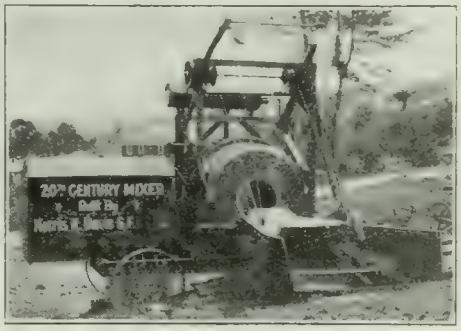
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Building Totals.

JANUARY, 1917.

The official totals for building operations in 113 cities in January, as received by the American Contractor, Chicago, California Development Board and the Daily Pacific Builder, total $57,033,375, as compared with $51,687,593 for January, 1916. There is the usual diversity in the individual showings, 61 of the cities showing gains and 48 losses in the comparison.

There have been some additional advances in the prices of building material during January and the relatively high costs have no doubt induced some prospective builders to delay actual work temporarily. The present volume of construction work seems to represent in large measure that for which there is urgent need. And that work of that description exceeds by a very substantial margin the entire operations of a year ago bespeaks an expanding volume of general business. The detailed statement follows:

Cities	Jan., 1917 Cost.	Jan., 1916 Cost.
Akron	$ 560,785	$ 288,430
Alameda, Cal.	31,933	70,523
Albany	274,135	114,595
Allentown	195,025	120,345
Altoona	21,093	4,982
Atlantic City	183,670	180,571
Auburn	14,900	3,600
Bakersfield, Cal.	56,456	10,000
Baltimore	1,115,919	948,210
Bayonne	70,613	125,683
Berkeley, Cal.	140,950	64,500
Binghamton	145,693	75,700
Birmingham	123,515	273,611
Boston & vicinity	7,375,000	4,300,000
Bridgeport	180,260	392,276
Brockton	37,505	50,950
Buffalo	285,000	510,000
Canton	138,250	71,725
Cedar Rapids	48,000	67,000
Chattanooga	49,910	66,390
Chicago	4,807,700	8,118,200
Cincinnati	609,105	445,895
Cleveland	1,389,240	1,600,895
Colorado Springs	62,595	11,986
Columbus	137,010	223,415
Dallas	607,477	771,630
Davenport	43,655	27,579
Dayton	233,104	115,645
Denver	96,370	141,260
Des Moines	242,967	115,645
Detroit	3,222,785	1,979,410
Duluth	96,065	113,733
East Orange	105,422	59,955
East St. Louis	27,025	5,885
Elizabeth	56,630	455,088
Erie	194,380	116,171
Eureka, Cal.	11,180	14,075
Evansville	94,255	31,862
Fort Wayne	62,250	64,250
Fort Worth	97,986	91,137
Fresno, Cal.	225,623	51,497
Grand Rapids	207,035	118,455
Hartford	1,600,087	275,978
Haverhill	11,300	25,200
Hoboken	20,190	14,650
Indianapolis	376,995	342,910
Jacksonville	66,012	123,700
Kansas City, Kan	77,230	28,250
Kansas City, Mo.	756,950	141,675
Lincoln	24,855	74,045
***Los Angeles, Cal**	4,682,235	1,678,724
Louisville	88,170	178,780
Manchester	53,120	50,684
Memphis	268,850	186,800
Milwaukee	298,137	2,482,702
Minneapolis	263,185	586,340
Montgomery	9,460	57,399
Newark	508,195	359,363
New Bedford	36,300	204,770
New Britain	40,790	89,760
New Haven	165,855	675,068
New Orleans	127,939	146,909
New York City		
Manhattan	5,915,005	5,719,049
Bronx	817,327	1,861,158
Brooklyn	2,346,907	3,012,343
Queens	.....	.....
Richmond	221,910	106,101
Total	9,301,149	10,689,621
Niagara Falls	17,225	42,225
Norfolk	122,542	148,222
Oakland, Cal.	432,974	248,408
Oklahoma City	137,345	103,350
Omaha	192,835	177,275
Pasadena, Cal.	112,874	77,882
Passic	63,385	43,280
Paterson	88,382	141,788
Peoria	107,280	116,900
Philadelphia	2,144,630	1,859,090
Pittsburgh	735,123	344,944
Pueblo	267,502	21,636
Quincy	81,365	79,875
Reading	24,025	11,750
Richmond, Cal.	26,940	10,105
Richmond, Va.	623,065	300,592
Rochester	470,373	746,506
Sacramento, Cal.	55,818	73,407
Saginaw	11,600	4,675
Salt Lake City	24,500	178,262
San Diego, Cal.	107,128	128,554
San Francisco.	2,338,837	1,913,461
San Jose, Cal.	40,514	20,067
Santa Rosa, Cal.	1,411	2,035
Savannah	49,340	51,930
Schenectady	30,880	57,950
Seattle, Wash.	500,225	236,040
Sioux City	135,200	42,200
South Bend	164,032	11,250
Spokane, Wash.	38,555	56,355
Springfield, Ill.	23,870	92,150
Springfield, Mass.	320,430	325,815
St Joseph	85,708	10,990
St Louis	2,286,844	644,191
St. Paul	313,680	123,198
Stockton, Cal.	83,910	18,222
Superior	15,220	6,955
Syracuse	165,240	219,715
Tacoma, Wash.	78,751	38,154
Terre Haute	34,395	22,535
Toledo	1,032,107	560,870
Topeka	32,175	29,110
Trenton	53,316	36,812
Troy	33,715	207,995
Utica	30,750	77,600
Wichita	206,600	74,800
Wilmington	208,861	268,795
Worcester	201,538	269,185
Youngstown	169,980	96,345
Total	$57,033,375	$51,687,593

*While permits applied for [illegible]

Angeles amounted to $1,082,235, actual building contracts recorded amounted to only $[illegible]

MARYSVILLE, Cal.—Evidence of building activities in Marysville is seen in figures covering the period since March 1, 1916, showing total building permits aggregated $107,165. This is an increase of $7,165 over the same period during 1915-16.

TURLOCK, Cal.—Turlock is showing a steady growth as is revealed by the figures furnished by the Board of Trade of that city. There is being constructed at this time a two-story brick hospital at the cost of $17,000; a two-story brick garage 100x165 feet, at a cost of $15,000; a two-story brick warehouse, at a cost of $5,000, and three one-story store rooms costing $10,000, a creamery and ice plant and ten frame cottages.

GRASS VALLEY, Cal.—Through the efforts of an active committee of the Chamber of Commerce of the City of Grass Valley, work is progressing very satisfactorily towards financing an $80,000 hotel for that city. No outside help or capital is being solicited, as the committee believes the citizens have sufficient confidence in their city to finance this proposition.

During the present month a new bank building costing approximately $40,000 will be completed for the Nevada County Bank at Grass Valley. It is in the heart of the business section and will be used exclusively for bank purposes.

CRESCENT MILLS, Plumas Co., Cal.—The Great Western Power Company, which was given permission recently by the State Railroad Commission to supply the Crescent Mining Company with power, has a force of thirty men at work putting up the transmission line. For the present the current will be supplied by the plant at Butte Valley.

The Crescent Mining Company has all the machinery in place for pumping out the shaft and opening up the tunnels and as soon as power is provided a large force of men will be put on.

Later the Western Power Company will supply the valley from the high power line now being built up the Feather River Canyon from Las Plumas.

GERBER, Tehama Co., Cal.—A contract has been let for the construction of a modern building to house the local Post Office. It will be furnished with latest fixtures throughout.

The new building will be located on San Benito Avenue a short distance from the Southern Pacific Station.

RIO VISTA, Cal.—The California Packing Corporation is making extensive improvements on its Rio Vista plant. Carpenters are preparing new cottages for employes. This year the cannary expects to pack about 180,000 cases.

YUBA CITY, Cal.—Four types of construction will be considered for the proposed $20,000 County Hospital authorized by the taxpayers at the November election. Concrete brick, frame and metal lath will be figured on by the architect. Chester Cole of Chico, who has been selected by the Supervisors.

MAGALIA, Butte Co., Cal.—I. W. Leslie has made all arrangements to commence lumbering on a large scale at Lovelock, four miles from Magalia. The lumber mill will have a capacity of 25,000 feet daily and there are many million feet of lumber in sight in the section. Work will commence immediately on erecting the mill and cutting down the nearby timber.

The mill is backed by several Oakland capitalists, who thoroughly investigated this section of the country before investing. It is understood that the mill will be rushed to early completion and that a large force of mill hands and lumbermen will be employed.

STOCKTON, San Joaquin Co., Cal.—Options have been secured on several sites for the $2,000,000 sugar refinery to be erected either in Stockton or close to the city by the Stockton Sugar Company, a corporation financed by Los Angeles capitalists.

Frank F. Lyons, who recently resigned as County Farm Adviser to join the forces of the company, reports marked success in signing up sugar beet acreage, so the company is assured an ample supply of raw material. This will be the third refinery in the county. Two others are now building.

VALLEJO, Cal.—John Scollard has purchased six lots in the Vallejo Annex with a view to building on them. Within a short time four houses are to be built on the six lots and these will be subsequently sold or rented.

Scollard is his own contractor.

LODI, Cal.—C. E. Pike, representing a San Francisco capitalist, has purchased the Grape Juice factory and will convert it into a cannery. He is now contracting with farmers here, whom he wants to grow 100 acres of tomatoes for this year's run.

WESTWOOD, Lassen Co., Cal.—In addition to the houses being erected at the foot of Third and Delwood streets, two more foundations have been laid in the 600 block on Birch street.

Although nothing definite is announced, it is expected a large number will be built by the Red River Lumber Company during the year, as there was a halt in construction last year. It had been arranged for the erection of upwards of 200 new residences in 1916, and it is believed this program will be carried out this year.

COLUSA, Colusa Co., Cal.—For the remodeling of the Riverside Hotel, one of the oldest buildings on the Sacramento, a contract has been awarded to L. S. Lewis of Berkeley for $18,000.

FRESNO, Cal.—Merchants of this city have subscribed $3750 to date toward the packing house site which is proposed to be donated to the Universal Packing Company of Chicago if it will erect a $150,000 meat packing plant in this county. The site proposed to be given is a short distance south of Calwa and embraces 35 acres. Stock pledged $5250 toward the project. The site will cost $14,000 and $6000 remains to be raised.

H. E. Patterson, secretary of the Merchants' Association, which is boosting the project, hopes to see the remaining $6000 pledged within the next two weeks. Plans for the big plant have been completed and work on it will be begun as soon as the site has been procured and donated to the company, as per terms of the contract between this city and the packing concern.

QUINCY, Cal.—The State Water Commission of California has granted a permit to the Walker Mining Company of Salt Lake City, Utah, to appropriate 20 cubic feet per second of the waters of Ward and Nye Creeks in Plumas County, for power purposes.

The company's plans include the building of a flume and pipe line 7,693 feet in length, and a power plant and transmission lines at a cost of approximately $25,000 Electric energy produced will be used to propel mining and milling machinery and a saw-milling plant. The total fall to be utilized is 514 feet, and 1,160 theoretical horsepower will be developed.

REDDING, Cal.—The City Trustees have adopted resolutions of intention for the paving of eight more blocks in the business district. Contracts will be advertised for in about thirty days.

SACRAMENTO, Cal.—The Libby, McNeil & Libby Company is not only thoroughly satisfied with its investment in Sacramento, but is contemplating the erection of extra warehouse facilities and, if they become necessary other facilities.

This was the gist of remarks made by W. F. Burrows of Chicago, President of the company, during an informal disscusion with several local business men. Burrows is on a brief visit to the company's holdings in this section of the State. He visited the local plant a few days ago and is now inspecting the down-river plants.

Among those who participated in the discussion were F. L. Martin, Albert Elkus, Warren Reid, John T. Skelton, F. B. McKevitt and Henry Feldhusen.

BLAIRSDEN, Cal.—Work of rebuilding the box factory of the Davies Box and Lumber Company, which was destroyed by fire a week ago, has begun, and President Davies says that in one month the mill will be running full capacity.

PARADISE, Cal.—Paradise Irrigation District Engineers are busy again doing detail work on leveling and running lines which were curtailed before the election. The Paradise District is the first in the State to vote bonds within a year of its organization. The sum voted amounted to $350,000.

BENICIA, Cal.—The machine tool equipment and facilities for handling cast iron projectiles at Benicia Arsenal have been materially increased during the past year, and it is probable that the Chief or Ordnance, Washington D. C., will now approve the manufacture at the Arsenal of a large part, if not all, the cast iron projectiles required for target practice by the regular and national guard troops on the Pacific Coast, the Hawaiian Islands and the Philippine Islands.

This work will in all probability give continual employment to several machinists and other employes in addition to the present force, and require the manufacture in foundries on this Coast of 300 or 400 tons of iron castings a year.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO — Apartment houses, 2, 3 story and base, brick and steel, $17,500 each. Architects, Rousseau & Rousseau, 110 Sutter street, S F. Owner's name not given. Location, east Hyde between Geary and Post, each building covering an area of 25 by 68 feet 9 inches. Will contain six apartments of three rooms. Plans being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owner, C. L Morey, Dalziel Bldg., Oakland. Location, Grand avenue. Will contain a number of two and three room suites. Plans being prepared.

OAKLAND CAL.—Apartment house, 2 story and base, frame, $5,000. Architect ,none. Owner, M. Chovin, 807 Jackson street, Oakland. Location, west 4th avenue south East 18th street. Will contain several two and three room suites. Plans complete and work to be done by Day Labor.

SEATTLE, WASH—Apartment house, 5 story and base, brick and frame, $70,000. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner's name withheld. Location, 5th avenue and Lenora street, covering an area of 60 by 120 feet. Will contain 57 apartments of two and three rooms. Plans complete and figures to be called for shortly.

Contract Awarded.

SAN FRANCISCO—Apartment house alterations, 3 story and base, frame, $8,000. Architect, none. Owner, M. A. Fritz, 1401 Masonic avenue, S. F. Contractor, E. N Fritz, 1401 Masonic avenue, S. F. Contract price, $8,000.

BANKS

MODESTO, STANISLAUS CO., CAL.—Bank alteration, 2 story, brick, $15,000. Architect, none. Owners, California National Bank. C. F. Haas of the Hermann Safe Co., 216 Fremont street, San Francisco, is taking figures for extensive alterations to be made to the building at the corner of 10th and J streets.. The work includes the following: Interior fixtures, counters, etc., mahogany, ornamental bronze, marble, painting and decorating, plain and ornamental plaster, hardwood floors, rubber tiling cork carpet, plumbing and plumbing fixtures, electric work and lighting fixtures, heating and ventilating, oil burning furnace, concrete vault work and an ornamental marquise.

MODESTO, STANISLAUS CO., CAL.—Bank alteration, 2 story, brick. Cost not stated. Architect, R. F. Felchin, Rowell Bldg., Fresno. Owners, Bank of Italy Location, Tenth and I streets. Work will consist of interior and exterior alterations. Plans being prepared.

YREKA, SISKIYOU CO., CAL. — Bridges, reinforced concrete. Cost not stated. Engineer, State Highway Commissioners, Forum Bldg., Sacramento. Owners, Siskiyou County. The Board of Supervisors has authorized the State Highway Commission to build concrete bridge over Little Castle, Greenhorn and Yreka Creeks, south of Yreka on the line of the State highway. That portion was takenn over by the State last fall and is now partly graded. The Highway Commission agreed to build the bridges at cost and deduct engineer's commission.

BONDS.

WATERFORD, STANISLAUS CO., CAL.—The $465,000 bond issue of the Waterford Irrigation District, voted last summer, has been validated and work on a portion of the system has been started.

OROVILLE, BUTTE CO., CAL.—Steps are being taken by the High School Trustees to call an election to vote bonds of $80,000 with which to finance the construction of a new high school.

CLOVERDALE, SONOMA CO., CAL —Bids for the purchase of bonds in the sum of $29,000 of the Cloverdale School Dinstrict are being taken by the County Supervisors, W. W. Felt, Jr., County Clerk. The proceeds of the sale will finance the construction of a new school.

RIO VISTO, SOLANO CO., CAL.—The Grammar School Trustees are contemplating calling an election to vote bonds for the erection of a new school.

SUSANVILLE, LASSEN CO., CAL.—The Baxter Creek Irrigation District election has carried and the proposed project will be rushed to completion. About 6,000 acres will be placed under irrigation.

FAIROAKS, SACRAMENTO CO., CAL —Directors of the Water Taker's Association have appointed a committee to further the formation of the Wright Irrigation District to be held on March 12th.

The women of Carmichael Colony of Fairoaks have started a movement to erect a new club house which will contain an auditorium, kitchen, dance hall, stage, nursery, rest rooms, etc.

LODI, SAN JOAQUIN CO., CAL.—More than $6,000 has been raised by the parishioners of the Methodist Church of Lodi with which to erect a new church. A $25,000 structure is planned.

FRESNIO, FRESNO CO., CAL.—Representatives of the Fujiyama Motion Picture Co. have conferred with H. E. Patterson, Secretary of the Fresno Merchants' Association, relative to the selection of a site near this city for a motion picture studio. If the land is obtained a $10,000 stulio will be erected.

HANFORD, KINGS CO., CAL.—The ordinance ordering the issuance of bonds of $44,000 for the construction of fire main extensions and other fire improvements has been passed by the City Council.

FRESNO, FRESNO CO., CAL.—The Fresno Merchants' Association has endorsed the project to establish a $750,000 [illegible] mill in or near the city. The next step will be to issue subscription lists in an effort to raise funds to launch the project.

BAKERSFIELD, KERN CO., CAL.—Bids for the purchase of $90,000 school bonds, with which to improve school facilities, will be sold by the County Supervisors on March 7th.

TURLOCK, STANISLAUS CO., CAL.—The Utah Condensed Milk Co. has signified its intention of constructing a branch factory in Turlock, according to word received by A. A. Caldwell, president of the Turlock Board of Trade.

FOWLER, FRESNO CO., CAL.—Steps are being taken here to call a bond election to vote $50,000 with which to erect a new school. A $350,000 building is planned, which will be constructed on the divisional plan.

MARTINEZ, CONTRA COSTA CO., CAL.—An election will be held in the Alhambra School District shortly to vote bonds of $12,000 for a new school, the present building being inadequate.

FRESNO, FRESNO CO., CAL.—The Fresno County Grand Jury in its annual report recommends the construction of a $34,000 annex to the present court house.

BELMONT, SAN MATEO CO., CAL.—The County Supervisors have set March 5th as the date to sell bonds of $18,000 of the Belmont School District. The proceeds of the sale will finance the construction of a new school.

OROVILLE, BUTTE CO., CAL. — March 15th has been set as the date to vote bonds of $80,000 with which to raise funds for a new high school.

BRIDGES AND DAMS.

SAN FRANCISCO—Pier extension, concrete. Cost not stated. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be opened on February 23rd for widening Pier No. 40 and constructing railroad tracks thereon. Plans can be secured from the office of the State Board of Harbor Commissioners.

SAN FRANCISCO—Wharf construction. Cost not stated. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be opened on February 23rd for the construction of Pier No. 9 with adjacent bulkhead wharf. Plans can be secured from the State Board of Harbor Commissioners.

SACRAMENTO, CAL.—Bridge, steel and concrete. Cost not stated. Engineer, Chief Engineer Wythe, Mills Bldg., S. F. Owners, Western Pacific Railroad. The Western Pacific Railroad Co. will replace its bridge over the American River entering Sacramento as soon as the high water is over, which will be in May or June. Plans prepared by Chief Engineer Wythe show a steel structure consisting of three spans each [illegible] long, and an 80-foot approach [illegible]

large concrete piers and the usual concrete abutments. The bridge is designed for a single track.

EUREKA, HUMBOLDT CO., CAL.—Bridges, reinforced concrete and steel. Cost not stated. Engineer, County Surveyor, Eureka. Owners, Humboldt County. Plans for two new bridges were ordered prepared at the last meeting of the County Supervisors. County Surveyor Arthur J. Logan states that one structure will be erected to replace the present bridge across Eel River at Alder Point, and another over the Trinity River (exact location not mentioned of the latter structure). Bids will be called for shortly on both projects.

MODESTO, STANISLAUS CO., CAL.—Bridges and road work. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The County Supervisors have ordered bids received for the following work: Newman-Westley road, 9,464 miles; Crows Landing road, 9,114 miles and Grason road, 4.005 miles; Glendora road, 7.483 miles; Waterford road, between Empire and Waterford, 7.771 miles; Crows Landing road, south from Glendora, 8.73 miles; Oakdale—Oakdale-Thalheim and Oakdale-Waterford road, total of 7.009 miles; Denair road, 3.810 miles, and Irwin City road, 2.208 miles. Bids will be opened at the March meeting. Bids will also be opened in March for sixteen reinforced concrete inverted siphons on the Grayson, Glendora, Irwin City and Denair roads, and for three concrete bridges on the Glendora, Irwin City and Oakdale-Thalheim roads. Bids for construction of a steel truss bridge across Littlejohn Creek on the Eugene road, nine miles northeast of Oakdale, were authorized for advertisement and will be opened at the same meeting. This bridge is 100 feet long. Plans and further information may be had from the County Clerk.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications prepared by the County Surveyor for the construction of a reinforced concrete bridge on the Foxworthy road over Ross Creek have received the approval of the Santa Clara County Supervisors and the Clerk has been instructed to receive bids for the construction up to March 5th at 10 a. m. Plans and further information may be had from the County Clerk.

ASTORIA, ORE.—Harbor dredging machinery, etc. Cost as follows. Engineer, Port of Astoria Commission, Astoria. Owners, City of Astoria. Bids for the dredging machinery which the Port of Astoria Commission expects to purchase were opened and rejected. There were only two bids submitted and both were considered too high. The bids were: Ellicott Machinery Corporation, Baltimore, $212,000; Zimmerman-Wells-Brown Co., Portland, $166,800. These bids were for the main dredge machinery only and do not include pontoons, pipe lines and other accessories.

SAN RAFAEL, MARIN CO., CAL.—Dam construction, reinforced concrete. Cost not stated. Engineer, Chief Engineer, San Rafael. Owners, San Rafael Marin Water District. At the last meeting of the Municipal Water Board of San Rafael the engineer reported that the plans and specifications for the Alpine dam would be ready by the next general meeting so that the Directors may advertise for bids. A contract for clearing the dam site and building a road in connection with this work has already been let by the Directors.

Contract Awarded.

SEELEY, IMPERIAL CO., CAL.—Bridge, steel and concrete, $13,131. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Mercereau Bridge and Construction Co., Pacific Electric Bldg., L. A. Contract price, $13,131, which does not include approximately $6,958 worth of material to be furnished by the State.

CHURCHES.

MERCED, MERCED CO., CAL.—Church, 2 story and base, reinforced concrete $30,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Roman Catholic Church. Will contain a main auditorium, Sunday school rooms and study. Plans complete and figures being taken.

FACTORIES AND WAREHOUSES.

THE DALLES, ORE.—Factory, 4 story and base, mill construction. Cost not stated. Architect's name not given. Owners, Wittemberg-King Co., The Dalles. Will cover and area of 120 by 180 feet. Brick walls with metal sash and glass exterior. Plans being prepared and figures to be called for shortly.

SAN FRANCISCO—Terminal warehouses, etc., $10,000,000. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. By an almost unanimous vote of the San Francisco Board of Supervisors the Southern Pacific Co. secured title to the city's lands in China Basin upon which the company will develop a terminal warehouse costing $10,000,000. The first work will consist of widening the channel and has been estimated to cost $2,000,000.

OAKLAND, CAL.—Warehouse and sales rooms, 1 story and base, reinforced concrete, $20,000. Architect's name not given. Owner, E. H. White, leased to United States Tire Co., 50 Fremont street, S. F. Location, northeast 28th and Broadway, covering an area of 100 by 144 feet. Will contain offices, sales rooms and warehouse. Plans complete and work to be done by Day Labor.

SEATTLE, WASH.—Grain elevator, reinforced concrete, $100,000. Engineer, Chief Engineer Nicholson, Beet Street Dock, Seattle. Owners, City of Seattle. Plans for the new addition to the municipal grain elevator are now complete and figugres will be called for shortly. The addition will add a storage capacity of about 500,000 bushels to the present elevator.

THE DALLES, ORE.—Evaporator, 2 story, brick, mill construction or reinforced concrete, $90,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Wittenburg-King Co. Will cover an area of 150 by 200 feet. Plans are being prepared.

HARWOOD, WASH.—Packing shed, 1 story, frame, $1,200. Architect, W. W. de Veaux, North Yakima. Owners, Growers' Service Co. Designed for a fruit packing house. Plans being prepared.

Plans are also being prepared by the same architect for a 1 story hollow tile addition to a fruit warehouse which will cost $2,500. The building is to be erected for the Growers' Service Co.

A two-story-frame warehouse is also to be erected at Zillah and a one-story frame at Selah for the same owners from plans by Architect W. W. de Veaux. The former will cost $5,500 and the latter $2,000.

SELAH, WASH.—Warehouse, 2 story and base, brick, 10,000. Architect, W. W. de Veaux, North Yakima. Owners, Yakima County Horticultural Union. Designed for a fruit storage warehouse. Plans are being prepared.

FIRE HOUSES AND JAILS.

SAN LEANDRO, ALAMEDA CO., CAL.—Fire alarm system, $5,000. Engineer, none. Owners, City of San Leandro. The City Trustees at their last meeting favored the installation of a new fire alarm system in San Leandro, and the Clerk of the Board was instructed to communicate with firms handling the same. It is thought that the complete system can be installed for $5,000.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $6,000. Architect, none. Owner, Mrs. I. Bouchard, 279 Cumberland street, S. F. Location, west Church south 20th. Will contain four flats of four rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architect, none. Owner, Elmer E. Clark, 574 26th avenue, S. F. Location, west 23rd avenue north Clement, covering an area of 25 by 55 feet. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,500. Architect, none. Owner, J. F. Renstrom, 1227 Sutter street, S. F. Location, east 23rd avenue north Geary, covering an area of 25 by 50 feet. Will contain two flats of four and five rooms and basement garage. Plans complete and work to be done by Day Labor.

GARAGES.

SAN MATEO, SAN MATEO CO., CAL.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, Will H. Toepke, 46 Kearny street, S. F. Owner, B. A. Peckman, leased to Ford agent. Location, 4th avenue and B street. Plans complete and contract to be awarded shortly.

Contract Awarded.

OAKLAND, CAL.—Garage, 1 story and base, reinforced concrete, $7,445. Architect's name not given. Owners, Alameda County. Contractor, James Pedgrift, 2232 11th avenue, Oakland. Contract price, $7,445. A complete list of these figures will be found under the heading of Bids Opened in this issue.

GOVERNMENT WORK & SUPPLIES.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms

in addition to those previously noted in these columns:

Willow, Cal., Construction, February 26.

Moncon Bros., San Francisco, Cal.

Sound Construction and Engineering Co., San Francisco, Cal.

Elmer Carlson, San Francisco, Cal.

Welch Bros & Hannaman, Kalispell, Mont.

Campbell Building Co., Salt Lake City,, Utah.

Caldwell & Co., San Francisco

Frank Gallagher, San Francisco, Cal

Alfred Kohn, San Francisco, Cal

M. Fisher, San Francisco, Cal.

Howard Williams, San Francisco, Cal.

J. L. Reite, San Francisco, Cal.

Specifications for work under the bureau if yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

2307—Extension Machine Shop, Mare Island, February 26.

P. J. Lynch, 110 Jessie street, San Francisco, Cal.

L. G. Bergren, Call Building, San Francisco, Cal.

J. R. Cahill, 460 Montgomery street, San Francisco, Cal.

Foster Vogt Co., Sharon Building, San Francisco, Cal.

Clinton Sons Co., 704 Market street, San Francisco, Cal.

Collman & Collman, 55 Montgomery street, San Francisco, Cal.

W. A. Newsom, Sharon Building, San Francisco, Cal.

MacRae & Layaz, 1278 Sacramento street, San Francisco, Cal.

W. N. Concannon, Underwood Building, San Francisco, Cal.

Pringle-Dunn Co., 338 Pine street, San Francisco, Cal.

Lange & Bergstrom, 55 Montgomery street, San Francisco, Cal.

McLeron & Peterson, Sharon Building, San Francisco, Cal.

P. A. Palmer, Monadnock Building, San Francisco, Cal.

Van Sant-Houghton Co., 503 Market street, San Francisco, Cal.

John Monk, Sharon Building, San Francisco, Cal.

B. T. Owsley, Sharon Building, San Francisco, Cal.

Gutleben Bros., New Call Building, San Francisco, Cal.

Grant Fee, 2440 16th street, San Francisco, Cal.

Dyer Bros. Iron Works, San Francisco., Cal.

C. Christensen, 516 16th street, San Francisco, Cal.

Welch Bros. & Hannaman, Oakland, Cal.

Teichert & Ambrose, 719½ K street, San Francisco, Cal.

American Bridge Co., Baltimore, Md.

McClintic Marshall Co., San Francisco, Cal.

California Construction Co., New Call Building, San Francisco, Cal.

Penn Bridge Co., Beaver Falls, Pa.

Ralston Iron Works, San Francisco, Cal.

Golden State Iron Works, Howard street, San Francisco, Cal.

Pacific Rolling Mills Co., San Francisco, Cal.

R. W. Littlefield, Oakland, Cal.

Milliken Bros., Milliken, Staten Isand, N. Y.

H. W. Johns-Manville Co., New York city.

John Baker, 17 Battery Place, New York city.

G. Drouve Co, Bridgeport, Conn.

Keyport, Wash., Telephone Cable.

All bids received January 15 by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing cable between the Pacific Coast torpedo station, Keyport, Wash., and the navy yard, Puget Sound, Wash., have been rejected.

Hilo, H. T. Vault Shelving.

The following bids were received by the supervising architect Treasury Department, Washington, D. C., February 3, for installing metal vault shelving in the U. S. public building at Hilo, H. T.:

H. H. Shultz Mfg. Co., Gowanda, N. Y., $300.

Keyless Lock Co., Indianapolis, Ind., $300.

Art Metal Construction Co., Washington D. C., $372.

Boston Metal Fireproofing Co., Boston, Mass., $480

Watson Mfg. Co., Jamestown, N. Y., $650.

Oil, Tender Rose.

The lighthouse inspector, Portland, Ore, received the following bids January 22 for furnishing 700 barrels of fuel oil for lighthouse tender Rose:

Standard Oil Co., Portland, Ore., $945, 1 day, accepted.

Union Oil Co., of California, Portland, Ore., list price at time of delivery, time, 1 day.

Wenatchee, Wash., Construction.

The contract for the construction complete of the U. S. postoffice at Wenatchee, Wash., has been awarded to the Sound Construction and Engineering Co., 72 Union street, Seattle, Wash., at $74,225.

Salt Lake City, Elevator.

The contract for installing lift in the U. S. post office at Salt Lake City, Utah, has been awarded to the Otis Elevator Company at $3,435.

HALLS AND SOCIETY BUILDINGS.

VALLEJO, SOLANO CO., CAL.—Lodge hall, 3 story and base, brick and steel. Cost not stated. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Hall Association. Location, northwest Main and Vallejo streets. Will contain lodge halls, banquet rooms and offices. Plans complete and figures being taken from selected contractors only.

PORTLAND, ORE.—Club house, 2 story and base, concrete, brick and frame, $100,000. Architects, W. W. Lucius and Charles B. Martin, Lewis Bldg., Portland. Owners, Laurelhurst Club. Location, Laurelhurst avenue, covering an area of 85 by 140 feet. This work has been mentioned here before. At that time only $40,000 was available, but since additional funds have been secured and a larger building is being provided.

RICHMOND, CONTRA COSTA CO., CAL.—Auditorium, 1 story and balcony, steel and frame. Cost not stated. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owners, City of Richmond. The architect has submitted preliminary sketches to the City Council for a municipal auditorium. Further details will be given when official action has been taken on the matter.

HOLLYWOOD, LOS ANGELES CO., CAL.—Lodge hall, 2 story and base,

[illegible] prepared.

SAN FRANCISCO, [illegible] and brick, [illegible] $67,000. Architect, George William [illegible] Location, [illegible] banquet hall and kitchen. Plans complete and figures to be [illegible]

Contract Awarded.

DAVIS, YOLO CO., CAL. Lodge [illegible] story, reinforced concrete, $[illegible] Architect's name not given. Owners, Davis Masonic Temple Association. Contractor, Del Fenton, Woodland. Contract price, $[illegible]

HOSPITALS

SPOKANE, WASH.—Hospital, 5 story and base, reinforced concrete and steel, $250,000. Architects, E. J. Baum and Kirkland Cutter, Spokane. Owners, Spokane Deaconess Hospital, M. W. Higley, President Hospital Board. Will cover a ground area of 200 by 42 feet with an 88-foot wing. Besides the wards and private rooms the building will contain operating rooms, offices and nurses' quarters. Plans are being prepared.

HOTELS.

SAN FRANCISCO—Hotel alteration, 2 story and base, frame, $2,000. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, H. Faubert, 2004 McAllister street, S. F. Location, north McAllister west Central avenue. Work will consist of moving the present building to a new site and altering interior for hotel purposes. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Hotel alterations and additions, 3 story and base, frame, $30,000. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner's name withheld. Location, Jackson street. Revised plans have been prepared for this work and new figures are now being taken.

TUCSON, ARIZ.—Hotel, Class A construction, $400,000. Architect, John Parkinson, Title Insurance Bldg., L. A. Owners, Messrs. Grier and Buckingham. Only preliminary plans have been prepared and detailed information is not available at this time. Further mention will be made of the work.

CHEHALIS, WASH. Hotel [illegible] and base, brick and steel. Cost not stated. Architect, C. E. Troutman, Aberdeen. Owner, W. F. West, St. Helen's Hotel, Chehalis. Will contain in the neighborhood of 200 rooms, a large percentage of which will have private baths. Plans are being prepared.

IRRIGATION PROJECTS.

PARADISE, BUTTE CO., CAL. [illegible] rigation work, $280,000. Engineer, I. S. Goodner, Paradise City. Consulting Engineer Stephen [illegible] ics' Institute Bldg., S. F. Owners, Paradise Irrigation District. Consulting Engineer Stephen [illegible]

that bid will be called for in April for about $280,000 worth of work in the Paradise District in Butte County. Work will consist of an earth dam, hydraulic fill being used, and the construction of approximately 30 miles of main pipe lines. Both steel riveted and wood stave pipe will be bid on. Pipe to be used will vary from 3 inches to 38 inches.

LIBRARIES.

ALTURAS, MODOC CO., CAL.—Library, 1 story and base, reinforced concrete, $9,400. Architect, F. D. De Longchamps, Reno, Nev. Owners, Town of Alturas Contractors, L. M. and Charles Kerr, Alturas. Contract price, $9,400.

POWER PLANTS.

HANFORD, KINGS CO., CAL.—Water main extension. Cost as follows. Engineer, City Engineer, Hanford. Owners, City of Hanford. The City Board of Trustees has ordered the issuance of $44,000 in bonds with which to finance the construction of fire main extensions and improvements. The Clerk of the Board was instructed to secure a map from the Gamewell Fire Alarm Company showing the system planned for the system in order that plans for the installation of the fire main extensions may be started.

GRASS VALLEY, NEVADA CO., CAL.—Laying water mains. Cost not stated. Engineer, City Engineer, Grass Valley. Owners, Grass Valley. The City Trustees announce that all rights of way for pipe lines to be used in connection with the water project here have been adjusted and actual work on the system will be commenced shortly. The matter has been hanging fire for over two years. It is proposed to pipe the water through the Prisk Orchard Tract as an expedient for clear water.

Contract Awarded.

SAN RAFAEL, MARIN CO., CAL.—Cleaning dam site, etc. Cost not stated. Engineer, Chief Engineer, San Rafael. Owners, Marin Municipal Water District. Contractor, A. J. Fairbanks, Willits. Contract price not stated.

RESIDENCES.

SAN FRANCISCO — Residences, 3, 2 story and base, frame, $3,000 each. Architect, none. Owner, J. Harold Johnson, 507 15th avenue, S. F. Location, west 15th avenue north Balboa. Each building will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Bungalows, 15, 1 story and base, frame, $4,000 each. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner's name withheld. Location, Forest Hill Extension. Each house will contain five rooms, bath and basement garage. Plans being prepared and work to be done by Day Labor.

SAN FRANCISCO—Residences, 15, 1½ story and base, frame, $2,500 to $3,000 each. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, 47th avenue and Balboa. Each house will contain six rooms, bath and basement garage. Plans are being prepared and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 2, 1 story and base, frame, $2,250 each. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, 28th avenue north East 18th street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,100. Architect, none. Owner, G. H. Whidden, 505 Haddon Road, Oakland. Location, east Winsor avenue north Harvard. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $5,000. Construction Manager, Frederick Whitton, 251 Kearny street, S. F. Owners, Wickham-Havens Co., 1308 Broadway, Oakland. Location, west Winsor avenue south Girard. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $2,500. Architect, none. Owner, C. W. Glant, 1454 87th avenue, Oakland. Location, 1133 Rauleigh Way. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $5,000. Architect, none. Owners, Banning & Stewart, 5201 Desmond street, Oakland. Location, north Mandana Boulevard east Lakeshore avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame. $3,500. Architect, none. Owner, F. L. Waye, 5723 Oak Grove avenue, Oakland. Location, south Walla Vista avenue east Lakeshore avenue. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Martha McCausland, 3926 Santa Rita avenue, Oakland. Location, northwest Rosedale and Mera. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Dr. E. Kahl. Location, Forest Hill. Will contain seven rooms, two baths and basement garage. Plans complete and figures being taken.

SAN FRANCISCO — Residence, 2 story, attic and base, frame, $8,500. Architect, August G. Headman, Call-Post Bldg., S. F. Owner, Mr. E. Cutter. Location 29th avenue and Lincoln Way. Will contain ten rooms, three baths and basement garage. Plans being prepared. Work to be done by F. Nelson & Sons.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Anderson. Location, Forest Hill. Will contain six rooms, bath and basement garage. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame $5,000. Architect, none. Owner, E. A. Spencer, 600 Grand avenue, Oakland. Location, east Lakeshore avenue and Walla Vista. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residences, 2, 2 story and base, frame, $3,000 each. Architect, none. Owner, Emil Nelson, 130 26th avenue, S. F. Location, east 15th avenue south Balboa. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $6,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, north Cerritos avenue west Ocean avenue. Will contain nine rooms, three baths and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, H. G. Smith. Location, Thousand Oaks Park. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans being prepared.

INVERNESS, MARIN CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, Miss Atkins. Location, Inverness. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2500. Architect, none. Owner, R. A. Hutchinson, 470 13th St., Oakland. Location, southwest Jean and Santa Clara avenues. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, R. K. Larsen, 1221 30th avenue, Oakland. Location, east 27th avesue sorth East 14th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $3,500. Architects, Schirmer-Bugbee Co., Dalziel Bldg., Oakland. Owner Mr. Glasier. Location Boulevard Way. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame $2,500. Architect, none. Owner, R. Cormack, 728 39th street, Oakland. Location, south 43rd street east Shafter. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence. 1 story and base, frame, $2,500. Architect, none. Owner, Edwin C. Graff, 1422 San Pablo avenue, Oakland. Location, north 45th street west West street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $3,000. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner, Lizzie P. Evans Location, west Eton avenue north Claremont. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

WALNUT CREEK, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $3,000. Architect, J. A. White,

Central Bank Bldg., Oakland owner, C. R. Peck. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

SCHOOLS.

SAN FRANCISCO School, 2 story and base, concrete, brick and frame, $100,000. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, City and County of San Francisco. Location, Randall and Chenery streets. Will contain 24 class rooms and an auditorium. Plans complete and figures being taken. Bids open for fire escapes, etc., on February 21st and for the other parts of the work on February 28th.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base. Class C construction. Cost not stated. Architect, T. B. Wiseman, 1933 Chester avenue, Bakersfield. Owners, City of Bakersfield. Location, Chester Lane and A street (known as the McKinley School). Will contain eight class rooms and an auditorium. Plans complete and figures being taken. Bids will be opened on March 15th.

BAKERSFIELD, KERN CO., CAL.—School, 1 story and base, frame. Cost not stated. Architect, T. B. Wiseman, 1933 Chester avenue, Bakersfield. Owners, City of Bakersfield. Location, East Bakersfield. Will contain four class rooms. Plans complete and figures being taken. Bids close on March 15th.

CORVALLIS, ORE.—School, 2 story and base, brick and concrete, $35,000. Architect, Charles H. Burgraff, Albany. Owners, City of Corvallis. Will cover an area of 62 by 140 feet and contain eight class rooms. Plans are being prepared.

Contract Awarded.

SEATTLE, WASH.—School, 3 story and base, reinforced concrete, $89,759. Architect, Edgar Blais, Central Bldg., Seattle. Owners, City of Seattle. Contractors, Henrikson & Co., Globe Bldg., Seattle. Contract price, $89,759.

SEWERS, STREET WORK & WATER SYSTEMS.

OAKLAND, CAL. — Street improvement. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on March 1st for street improvement authorized under the following resolution: That Noble street, from Seminary avenue to 62nd avenue, be graded, curbed with redwood, guttered with concrete gutters 3 feet wide, paved with oil macadam and sidewalked with cement sidewalks 6 feet wide.

RICHMOND, CONTRA COSTA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Richmond. Owners City of Richmond. City Engineer Chapman has completed plans and specifications for the improvement of 6th street, across the Oakland branch of the Santa Fe, and for the improvement of an alley north of Barrett between Fifth and Sixth streets. On approval of the plans by the Council bids will be called for.

SAN RAFAEL, MARIN CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Bids will be opened on March 5th at 8 p. m. for covering the existing macadamized roadway of G street, between West End avenue and 5th avenue; 5th avenue, from G to H street; H street, from 5th to Forbes avenue; Grand avenue, from 4th to Highland avenue; [illegible] from First to Bay View street, with a bituminous wearing surface.

HOLLISTER, SAN BENITO CO., CAL.—Highway improvement. Cost not stated. Engineer, County Surveyor, Hollister. Owners, San Benito County. At the last meeting of the County Supervisors, County Engineer W. A. Winn was instructed to prepare plans and specifications for the laying of a wearing surface on the Hollister-Bird Creek bridge about two and one-half miles south of Hollister; and for the Tres Pinos-Paicines bridge about two miles south of Tres Pinos. The plans and specifications to be ready for action by the Board at the meeting on March 5th.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Highway construction. Cost not stated. Engineer, R. K. West, 1278 45th avenue, S. F. Owners, Santa Cruz County. Mr. West has been selected by the County Good Road officials to assist them in routing and estimating the cost of the roads to be constructed throughout Santa Cruz County.

TAFT, KERN CO., CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Taft. Owners, City of Taft. Paving of Taft's streets and the building of curbs and sidewalks as planned by the Board of Trustees will be under the $100,000 mark by $15,000 or better, according to Expert Edward Lynch of Glendale, who has spent the last two months with his engineers establishing grades and making estimates relative to probable costs. The preliminary plans for the work in a rough way are as follows: Center street, from east city limits to Third street, 20 feet wide; Sixth to west city limits, 20 feet wide; 3rd to 6th, full width curbing and sidewalks. Kern street, 16-foot parking allowed for each side. Light paving to be used. Curbing and sidewalks. Main street, paved full width, 3rd to 5th; paved 20 feet otherwise curbing and sidewalk on north side only. Sixth street, from Center street to county highway below San Emidio street, heavy paving through center of street 20 feet wide; light paving on eachside of curbing. Fourth street, Main street to North street, full width with heavy paving, sidewalks and curbing.

MERCED, MERCED CO., CAL. — Street paving. Cost as follows. Engineer, City Engineer, Merced. Owners, City of Merced. Plans and specifications of City Engineer C. D. Martin for the proposed street paving to be done by the city this spring were formally adopted by the City Trustees at their last meeting, also the estimate of costs, which places the figure for the improvement at $49,500. The specifications provide for pavement with a 5-inch concrete base on K street and other streets and alleys.

MADERA, MADERA CO., CAL.—Highway grading. Cost not stated. Engineer, County Surveyor, Madera. Owners, Madera County. Bids will be opened on March 5th at 2 p. m. for grading Frizelle road from station in section 16 to station 84, more or less, in section 3, as per map of Frizelle road, in Road District No. 4.

REDWOOD CITY, SAN MATEO CO., CAL.—Culverts, reinforced concrete. Cost not stated. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. The County Supervisors have directed County Engineer Neuman to prepare plans and [illegible]

[illegible] City Engineer, Vallejo. Owners, City of Vallejo. [illegible] incinerator in Vallejo. The incinerator company will [illegible] without cost to the city. The matter is now in the hands of Mayor Roe and Commissioner of Public Health and Safety J. R. Wilson.

BAKERSFIELD, KERN CO., CAL.—Road roller. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Bids will be opened on March 7th at 11:30 a. m. for one road roller for the use of the superintendent of permanent roads. Bids will be received for new or second hand roller, but the latter must be in first class condition.

BAKERSFIELD, KERN CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The bid of Thompson Bros., 1514 H street, Fresno, for paving the alley running from C to D streets, between Truxton avenue and 17th street, was rejected by the City Council and new bids ordered received.

MODESTO STANISLAUS CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Modesto. Owners, City of Modesto. The City Council has directed the City Clerk to advertise for bids for the paving of 11th street, from K to L, and L from 9th to 10th streets. Bids will be opened at the next meeting of the Council.

EUREKA, HUMBOLDT CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Eureka. Owners, Humboldt County. The County Supervisors have ordered bids received for the construction of a section of four miles of the Lord-Ellis road. Plans and further information may be had from the County Clerk.

STOCKTON, SAN JOAQUIN CO., CAL.—Pumping plants. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Plans and specifications for the construction of two pumping plants at the northwestern and southwestern extremities of the city were adopted by the City Council at their last meeting. The one for the northern portion of the city will be constructed at Orange street and Smith Canal, and that in the southwestern portion is to be situated on the east side of the French Camp turnpike, east of the concrete bridge over Powder Slough. These two pumping plants are to take care of the sewage from this city when the new septic tanks are installed. The [illegible] between the Imhoff and [illegible] systems is still pending. Bids for the construction will be called for shortly.

Contract Awarded.

OAKLAND, CAL. [illegible] $39,000. Engineer, City Engineer, Oakland. Owners, City of Oakland. Contractor, George Schmidt, Berkeley. Paving of San Pablo avenue from Berkeley to the Contra Costa County line at Richmond. Contract price $39,000.

MODESTO, STANISLAUS CO., CAL.—Highway improvements. Cost as follows. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. At

a meeting of the Board of Supervisors which continued late into the night, contracts were awarded for $224,120 worth of highway construction including twelve reinforced concrete bridges and seventeen reinforced concrete siphons. A complete list of the contracts awarded follow. Proposition 1, Bardwell & Zimmerman, three reinforced concrete bridges on Hughson-Turlock road, and four reinforced concrete bridges on the Crows Landing road. Contract price, $9,750.

Proposition 2, Thurston & Co., Mechanics' Institute Bldg., S. F., one reinforced concrete bridge on each of the following roads: Beckwith road, over lateral No. 4; Maze road, over lateral No. 4; Carmichael road, over lateral No. 3; Waterford road, over lateral No. 1, and Cooperstown road, over Dry Creek. Contract price, $8,390.

Proposition 3—Holm & Mortenson, seventeen reinforced concrete siphons. Contract price, $5,780. Contractor's address below.

Proposition 4—W. A. Kettlewell & Son, 3.51 miles of concrete road known as the Keyes road, $31,200; and 6.58 miles of concrete road known as the Hughson road, $44,300. A bid of $1.65 per foot for pipe was also accepted.

White & Gaskill, 6.25 miles of concrete road, beginning at the State highway near Ceres cemetery and thence east to a point about 1 mile east of the town of Hughson, $54,000. Pipe, $1.50 and excavating 55c.

Proposition 6—Lynn S. Atkinson, 4.4 miles of concrete road known as the Beckwith road, $42,000, and 3.7 miles of concrete road known as the Carmichael road, $26,000. Pipe, $1.50 and excavating 40c.

Thurston & Co.'s bid was conditional, containing a proviso of all or none of the bridges.

Note—Addresses of contractors are as follows: Kettlewell & Son, Kingsburg; White & Gaskill, Long Beach; L. S. Atkinson, Los Angeles Investment Bldg., Los Angeles.

SAN FRANCISCO — Street improvements. Cost as follows. Engineer, City Engineer, City Hall, S. F. Owners, City and County of San Francisco. The following street contracts have been awarded by the Board of Public Works: The improvement of Latona street, between Bay View street and Thornton avenue, by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface. Awarded to Flinn & Treacy, 404 First National Bank Bldg., S. F., for $1,826.70.

The improvement of Hollister avenue, between Railroad avenue and Hawes street, by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 8 and 12-inch with 135 Y branches and four brick manholes. Awarded to the Tibbitts-Pacific Co., 16 California street, S. F., for $1,645.

The improvement of Gilman avenue, from a point 300 feet east from Ingalls street to Jennings street, by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: An 8-inch with 72 Y branches and three brick manholes. Awarded to the Tibbitts-Pacific Co., for $968.60.

The improvement of Jennings street, between Gilman avenue and Meade avenue, including the intervening crossings, by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances. 12, 15 and 18-inch with seven brick manholes and 61 Y branches. Awarded to the Tibbitts-Pacific Co., for $2,717.18.

The improvement of Oakdale avenue, between Newhall street and Railroad avenue, by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., Sharon Bldg., S. F., for $4,625.16.

The improvement of Sunnyside avenue, between Raden and Hamburg streets, by the construction of concrete curbs; artificial stone sidewalks, a 12-inch, vitrified, salt-glazed, ironstone pipe sewer and three brick manholes, brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., Sharon Bldg., S. F., for $38,448.50.

The improvement of Bruce avenue, between Harold avenue and its east termination, including the intersection of Bruce avenue and Edgar Place, by grading; the construction of concrete curbs; artificial stone sidewalks, brick catchbasins with cast iron frames, gratings and traps and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., for $4,815.66.

The improvement of Shafter avenue, between Railroad avenue and Keith street, and the improvement of Lane street between Revere avenue and Shafter avenue, by the construction of concrete curbs; artificial stone sidewalks; catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts, and construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., for $11,887.50.

PORTLAND, ORE.—Sewer construction, $302,800. Engineer, City Engineer, Portland. Owners, City of Portland. Contractors, J. F. Shea and William Lind, Portland. Contract price $302,800.

STORES AND OFFICES.

SAN FRANCISCO—Office building, 5 story and base. Class A construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Ogden Mills. Location, south Pine east Montgomery. Will contain about 150 offices. Plans complete and figures being taken. Construction will be in charge of J. S. Bogart, Mills Bldg.

SAN FRANCISCO—Stores, 1 story and base, frame, $8,000. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owners, Klopstock Bros. Location, east Mission between 23rd and 24th streets, covering an area of 40 by 110 feet. Will contain two retail stores. Plans being prepared.

ROSS VALLEY, MARIN CO., CAL. Stores and apartments, 2 story and base, frame, $5,000. Architects, Schirmer-Bugbee Co., Dalziel Bldg., Oakland. Owners, Ross Investment Co. Will contain stores on the first floor and a number of two-room apartments above. Plans complete and figures being taken.

EUREKA, HUMBOLDT CO., CAL.—Stores, 1 story and base, frame. Cost not stated. Architect, Newman Ackerman, Eureka. Owner, Harry P. Vance. Location, northeast Fifth and E Sts. Will contain three stores. Plans being prepared.

LOS ANGELES, CAL.—Stores and lofts, 8 story and base. Class A construction. Cost not stated. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, J. J. Haggerty, leased to The New York Cloak and Suit House. Location, Grand avenue, covering an area of 40 by 135 feet. Will contain retail and wholesale departments. Plans complete and figures for foundation work now being taken. Balance of the work to be figured shortly.

SACRAMENTO, CAL. — Department store addition, 1 story, brick and steel, $60,000. Architect's name not given. Owners, Weinstock-Lubin Co., Sacramento. Location, 4th and L streets. A San Francisco engineer and a Sacramento architect will associate in preparing plans for this work. The new addition will add 32,000 square feet to the present building. Plans are being prepared.

Contract Awarded.

SAN FRANCISCO—Office building, 7 story and base. Class A construction, $150,000. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, Mrs. Wheeler, leased to Northwestern Pacific Railroad Co. Location, northeast Pine and Front streets, excavating and bulkheading, Sibley Grading & Teaming Co. Contract price, $2,990.

THEATRES.

SAN FRANCISCO—Theatre, 2 story and base. Class A construction. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, McCreery Estate Co. Location, south Market east Eighth. The building will have a frontage on Market street of 55 feet and will extend nearly through to Mission street with a frontage on Eighth street of 155 feet. The seating capacity will be 6,000. Plans are being prepared.

NAPA, NAPA CO., CAL.—Theatre, stores and apartments, 2 story and base, reinforced concrete, $30,000. Architect, L. M. Turton, Napa. Owners, John and Samuel Garabaldi. Location, Main street. Will contain two stores, a theatre seating 1,000 people and four apartments. Plans complete and figures being taken.

SEALED PROPOSALS.

NOTICE TO ELEVATOR DEALERS.

OFFICE OF THE SUPERVISING SUPERINTENDENT OF CONSTRUCTION, Room 402 U. S. Post Office Building, San Francisco, Cal.

SEALED PROPOSALS will be received at this office **until 12 o'clock M, on the 1st day of March, 1917,** and then opened, for repairs to the hydraulic passenger elevator at the U. S. Appraisers Building, San Francisco, Cal., in accordance with specifications, copies of which may be had at this office at the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Acting Supervising Superintendent, (2)

PROPOSALS FOR POWER PLANT.

HEATING AND POWER PLANT—Sealed proposals indorsed "Proposals for Heating and Power Plant" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March, 19, 1917,** and then and there publicly opened for furnishing and installing an alternator in connection with an engine furnished by the government, boilers, condensers, pumps, motors, switchboard, equipment, piping, wiring, lighting, etc., for the heating and power plant at the naval torpedo station, Puget Sound, Wash. Drawings and specifications can be obtained on application to the bureau or to the commandant, navy yard, Puget Sound, Wash. F. R. HARRIS, chief of bureau.

NOTICE TO CONTRACTORS.

Board of State Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, February 12, 1917.

Sealed proposals or bids will be received at this office at or prior to **11 o'clock a. m., on Friday, February 23, 1917,** for furnishing materials and constructing a bulkhead wharf adjacent to Pier No. 9, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board January 25, 1917, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of creosoted piles, and Portland cement (which will be furnished to the contractor by the Board), Douglas fir lumber, sand, crushed rock and gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, car springs, etc. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to Five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within Six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The contractors shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such Surety Company to be one of those approved by the State Board of Control, a list of these approved Surety Companies being on file in the office of the Secretary), and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracted to be done, or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefit of material men, mechanics and laborers as provided by that certain act of the legislature of the State of California approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board, both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to **11 o'clock a. m. on Friday, February 23, 1917,** at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications of this work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid:

"Bid for furnishing materials and constructing a bulkhead wharf adjacent to Pier No. 9."

J. J. DWYER,
THOMAS S. WILLIAMS,
J. H. McCALLUM,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
LEO V. MERLE, Jr.,
Secretary.

NOTICE TO CONTRACTORS.

Office of the Board of State Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, February 10, 1917.

Sealed proposals or bids will be received at this office at or prior to **11 o'clock a. m., on Friday, February 23, 1917,** for furnishing materials and making alterations and additions to Pier No. 40 on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board January 18, 1917, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of Portland cement and creosoted piles (which will be furnished to the contractor by the Board), yellow fir lumber, iron bark staves, bituminous concrete paving, sand, crushed rock or gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, car springs, hails and fastenings, etc. All materials used must be of the best of their respective kinds, if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and test, and, if found defective, undersize, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office, and is accompanied by a certified check for an amount equal to Five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within Six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded fails to pay for any materials or supplies furnished for the performance of the work contracted to be done, or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond, and said bond shall also be made to inure to the benefit of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to **11 o'clock a. m. on Friday, February 23, 1917,** at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications of this work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for making alterations and additions to Pier No. 40."

J. J. DWYER,
THOMAS S. WILLIAMS,
J. H. McCALLUM,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
LEO V. MERLE, Jr.,
Secretary.

SAN FRANCISCO Q. M. CIRCULAR.

SAN FRANCISCO CIRCULAR 183—Office of the Depot Quartermaster, U. Cal.—Sealed proposals will be received S. Army, For Mason, San Francisco, here until **February 21, 1917,** under circular 183 for furnishing 20 dozen hacksaw blades, 4,100 machine bolts, 12 tube brushes, 50 harness breechings, 84 cold chisels, 172 quires emery cloth, 288 chair glides, 422 branding irons, 5 wagon jacks, 36 night latches, 18 books gold leaf, 75 pounds pump leather, 5,000 pounds wire nails, 180 hand oilers, 200 pounds English vermillion in oil, 500 pounds yellow Prussian blue in oil, 500 pounds yellow ocher, 300 pounds lampblack, 5,000 pounds dry red lead, miscellaneous paper, 7,200 colored pencils, 7,200 copying pencils, 400 dozen pyramid pins and 12 blacksmiths' tools. For further information address JOHN T. KNIGHT, colonel, quartermaster corps, depot quartermaster.

WESTWOOD, Lassen Co., Cal.—The present force of men now employed by the Red River Lumber Company, numbering some 1,500, is shortly to be increased by 250 men by the opening of three camps additional to those now in operation.

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ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

APARTMENT HOUSES—2, 3 story and base, brick and steel, $17,500 each. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, east Hyde between Geary and Post, each building covering an area of 25 by 68 feet 9 inches. Will contain six apartments of three rooms each. Plans being prepared.

FLATS—2 story and base, frame, $6,000. San Francisco. Architect,, none. Owner, Mrs. Bouchard, 279 Cumberland street, S. F. Location, west Church south 20th. Will contain four flats of four rooms each. Plans complete and work to be done by Day Labor.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, none. Owner, Elmer E. Clark, 574 26th avenue, S. F. Location, west 23rd avenue north Clement, covering an area of 25 by 55 feet. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES—3, 2 story and base, frame, $3,000 each. San Francisco. Architect, none. Owner, J. Harold Johnson, 507 15th avenue, S. F. Location, west 15th avenue north Balboa. Each building will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

BUNGALOWS—15, 1 story and base, frame, $4,000 each. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner's name withheld. Location, Forest Hill Extension. Each house will contain five rooms, bath and basement garage. Plans being prepared and work to be done by Day Labor.

OFFICE BUILDING—5 story and base. Class A construction. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Ogden Mills. Location, south Pine east Montgomery. Will contain 150 Offices. Plans complete and figures being taken. Construction will be in charge of J. S. Bogart, Mills Bldg.

SCHOOL—2 story and base, concrete, brick and frame, $100,000. San Francisco. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, City and County of San Francisco. Location, Randall and Chenery streets. Will contain 24 class rooms and an auditorium. Plans complete and figures being taken. Bids open for fire escapes, etc., on February 21st and for the other parts of the work on February 28th.

THEATRE—2 story and base. Class A construction. Cost not stated. San Francisco. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, McCreery Estate Co. Location, south Market east Eighth. The building will have a frontage on Market street of 55 feet and will extend nearly through to Mission street with a frontage on Eighth street of 155 feet. The seating capacity will be 6,000. Plans are being prepared.

RESIDENCE 2 story and base, frame. Cost not stated. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr Anderson. Location, Forest Hill. Will contain six rooms, bath and basement garage. Plans are being prepared.

RESIDENCE — 2 story, attic and base, frame, $8,500. San Frrancisco. Architect, August G. Headman, Call-Post Bldg., S. F. Owner, Mr. E. Cutter. Location, 29th avenue and Lincoln Way. Will contain ten rooms, three baths and basement garage. Plans being prepared. Work to be done by F. Nelson & Sons.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Dr. E. Kahl. Location, Forest Hill. Will contain seven rooms two baths and basement garage. Plans complete and figures being taken.

PIER EXTENSION—Reinforced concrete. Cost not stated. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F Owners, State of California. Bids will be opened on February 23rd for widening Pier No. 40 and constructing railroad tracks thereon. Plans can be secured from the office of the State Board of Harbor Commissioners.

WHARF CONSTRUCTION—Cost not stated. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be opened on February 23rd for construction of Pier No. 9 with adjacent bulkhead wharf. Plans can be secured from the State Board of Harbor Comissioners.

FLATS—2 story and base, frame, $4,500. San Francisco. Architect, none. Owner, J F. Renstrom, 1227 Sutter St., S. F. Location, east 23rd avenue north Geary, covering an area of 25 by 50 feet. Will contain two flats of four and five rooms and basement garage. Plans complete and work to be done by Day Labor.

TERMINAL WAREHOUSES, ETC.—$10,000,000. San Francisco. Engineer, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. By an almost unanimous vote of the San Francisco Board of Supervisors the Southern Pacific Co. secured title to the city's lands in China Basin upon which the company will develop a terminal warehouse costing $10,000,000. The first work will consist of widening the channel and has been estimated to cost $2,000,000.

CLUB HOUSE—2 story and base, frame and concrete, $67,000. San Francisco. Architect, George William Kelham, Sharon Bldg., S. F. Owners, San Francisco Golf and Country Club. Location, Rancho de la Merced. Will cover an area of 150 by 200 feet and contain social rooms, living rooms, banquet hall and kitchen. Plans complete and figures to be called for at once.

HOTEL ALTERATION—2 story, and base, frame, $2,000. San Francisco. Architect, W. G. Hind, 46 Kearny St., S. F. Owner, H. Faubert, 2004 McAllister street, S. F. Location, north McAllister west Central avenue. Work will consist of moving the present building to a new site and altering interior for hotel purposes. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, $3,000 each. San Francisco. Architect, none. Owner, Emil Nelson, 430 26th avenue, S. F. Location, east 15th avenue south Balboa. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $6,000. San Francisco. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, north Cerritos avenue west Ocean avenue. Will contain nine rooms, three baths and basement garage. Plans complete and work to be done by Day Labor.

STORES—1 story and base, frame, $8,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owners, Klopstock Bros. Location, east Mission between 23rd and 24th streets, covering an area of 40 by 110 feet. Will contain two retail stores. Plans being prepared.

SUBSTATION—1 story, steel and concrete and hollow tile, $60,000. San Francisco. Engineer, Engineering Department Pacific Gas and Electric Co., 445 Sutter street, S. F. Owners, Pacific Gas and Electric Co. Location, east Lexington and 19th streets, covering an area of 71½ by 63½ feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

APARTMENT HOUSE ALTERATIONS—3 story and base, frame, $8,000. San Francisco. Architect, none. Owner, M. A. Fritz, 1401 Masonic avenue, S. F. Contractor, E. N. Fritz, 1401 Masonic avenue, S. F. Contract price $8,000.

OFFICE BUILDING—7 story and base. Class A construction, $150,000. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, Mrs. Wheeler, leased to Northwestern Pacific Railroad Co. Location, northeast Pine and Front streets. Excavating and bulkheading, Sibley Grading and Teaming Co. Contract price, $2,990.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer City Engineer, City Hall, S. F. Owners, City and County of San Francisco. The following street contracts have been awarded by the Board of Public Works: The improvement of Latona street between Bay View street and Thornton avenue by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface. Awarded to Flinn & Treacy, 404 First National Bank Bldg., for $1,826.70.

The improvement of Hollister avenue, between Railroad avenue and Hawes street, by the construction of the following vitrified, salt-glazed,

ironstone pipe sewers and appurtenances: 8 and 12-inch with 135 Y branches and four brick manholes. Awarded to the Tibbitts-Pacific Co., 16 California street, for $1,615.

The improvement of Gilman avenue, from a point 300 feet east from Ingalls street to Jennings street, by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: An 8-inch with 72 Y branches and three brick manholes. Awarded to the Tibbitts-Pacific Co., for $968.60.

The improvement of Jennings street, between Gilman avenue and Meade avenue, including the intervening crossings, by the construction of the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 12, 15 and 18-inch with seven brick manholes and 61 Y branches. Awarded to the Tibbitts-Pacific Co., for $2,717.18.

The improvement of Oakdale avenue, between Newhall street and Railroad avenue, by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co, Sharon Bldg., S. F., for $1,625.16.

The improvement of Sunnyside avenue, between Raden and Hamburg streets, by the construction of concrete curbs, artificial stone sidewalks; a 12-inch, vitrified, salt-glazed ironstone pipe sewer and three brick manholes; brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., Sharon Bldg., S. F., for $38,448.50.

The improvement of Bruce avenue, between Harold avenue and its east termination, including the intersection of Bruce avenue and Edgar Place, by grading; the construction of concrete curbs; artificial stone sidewalks, brick catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., for $4,815.66.

The improvement of Shafter avenue, between Railroad avenue and Keith street, and the improvement of Lane street, between Revere avenue and Shafter avenue, by the construction of concrete curbs, artificial stone sidewalks, catchbasins with cast iron frames, gratings and traps, and 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and construction of an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway. Awarded to the Federal Construction Co., for $11,887.50.

RENO, Nev.—Plans for the construction of a Civic Auditorium in Reno will be discussed here Saturday at a luncheon to be given by the Rotary Club, at which will be present the Washoe County legislative delegation Mayor Frank J. Byington and members of the City Council.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
387	Kincannon	Fennell	400
388	Hastings	Fischer	450
389	Lorentzen	Lorentzen	400
390	Winter	Sanborn	550
391	Kennedy	Diestel	1668
392	Clark	Born	8890
393	Simon	Simon	2500
394	Scientists	Stanquist	1385
395	Anderson	Anderson	800
396	Giordano	Giordano	400
397	Rossi	Giusti	400
398	Johnson	Thunberg	1900
399	United Syndicate	Owner	2500
400	Wheeler	Lamburth	4129
401	Kennedy	Diestel	1796
402	Dryden	Caldwell	5297
403	Price	Metter	425
404	Yager	Yager	15000
405	Clarke	Clarke	5000
406	Fritz	Fritz	8000
407	Bouchard	Bouchard	6000
408	Selleck	Bessett	2578
409	Sterling Lndry	Best	3800
410	Gross	Gross	400
411	Pacific Foundry	Wilhelm	750
412	Bell	Henderson	1200
413	Frank	Frank	400
414	Russell	McInnis	1250
415	Market St Rlty	Montague	1525
416	Same	Monarch Iron	3000
417	Same	Mallott	673
418	Same	Muriale	23500
419	Same	Mission Concrete	5817
420	Same	Eaton	250
421	Same	Brumfield	6900
422	Same	Palace Hdwre	1725
423	Same	Cal Scagliola	1874
424	Same	Int Mtl Mfg	1225
425	Lachman	Malloch	4797
426	Williams	Coburn	1985
427	Johnson	Johnson	3000
428	Same	Same	3000
429	Same	Same	3000
430	Renstrom	Renstrom	4500
431	Urban Rlty	Urban Rlty	6000
432	Sullivan	Klahn	6320
433	Nelson	Nelson	2900
434	Same	Same	2900
435	Goldman	Goldman	1000
436	Christian	Christian	1000
437	American Exp	Federal	450
438	Shields	Delaney	500
439	Kristovich	Kristovich	500
440	Josseyln	Duncan	1000
441	Devine	Fennell	1000
442	Scharf	Scharf	450
443	Balich	Frank	400
444	Grannis	Grannis	10000
445	Globe Realty	Spence	
446	Lloyd Est	Holt	3343

UNDERPIN

(387) NO. 1125 POST. Underpin apartments.

Owner.....J. S. Kincannon, 3040 Steiner, San Francisco.

Architect...None.

Contractor..Jas. F. Fennell, 180 Jessie, San Francisco.

COST, $400

ALTERATIONS

(388) NOS. 126-128 FRONT. Alter front, new stairs, etc.

Owner.....Hastings Est, 422 Montgomery, San Francisco.

Architect...None.

Contractor..Fred P. & L. F. Fischer, 180 Jessie, San Francisco.

COST, $450

FRAME SHED

(389) SE JUNIPERA SIERRA BLVD and Ocean Ave. One-story frame shed

Owner.....Harry Lorentzen, 285 Faxon Ave., San Francisco.

Architect...None.

Day's work. COST, $400

ALTERATIONS

(390) NW HAIGHT AND STEINER. New front, marble work, etc.

Owner.....Mrs. E. Winter, 303 Steiner, San Francisco

Architect...None.

Contractor..L. Sanborn, 71 7th Ave., San Francisco.

COST, $550

REPAIRS

(391) NO. 630 GROVE. Repair fire damage

Owner.....A. Kennedy Estate, 770 Pine, San Francisco

Architect...None.

Contractor..John Diestel, 2351 24th, San Francisco.

COST, $1668

FRAME DWELLING

(392) N MARCELLA 140 E Pacheco being Forest Hill Blk 15 Lots 10 and 11. Two-story and basement frame dwelling.

Owner.....S. A. Clark, 660 Market, San Francisco.

Architect..Miss I. F. McCain, 660 Market, San Francisco.

Contractor..S. A. Born Bldg. Co., 660 Market, San Francisco.

COST, $8890

FRAME SHOP AND DWELLING

(393) W VALENCIA 40 S Railroad Crossing. Two-story frame shop and dwelling.

Owner.....S. Simon, 1414 Valencia, San Francisco.

Architect...P. Righetti, 668 Phelan Bldg., San Francisco.

Day's work. COST, $2500

CONCRETE WORK, ETC.

(394) SE CUMBERLAND & DOLORES S 89 E 105 S 25 E 25 N 114 W 130. Grading and concrete work, sidewalk work, etc., for one-story and basement mezzanine and gallery Class "C" church.

Owner.....Second Church of Christ Scientist.

Architect...Wm. H. Crim Jr., 425 Kearny, San Francisco.

Contractor..Victor Stanquist, 46 Kearny, San Francisco.

Filed Feb. 10, '17. Dated Feb. 7, '17. Payments on 1st and 15th of each month of 75%

Usual 35 days..... 25%

TOTAL COST, $1385

Bond, $693. Sureties, Jno. Cassaretto and Hanna Stanquist. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(395) S ANDERSON 125 W Ogden One-story and basement frame dwlg.

Owner.....M. Anderson, 4655 Mission, San Francisco.

Architect...None.

Day's work. COST, $800

ALTERATIONS

(396) NO. 645 CHENERY. Alter store

Owner.....C. Giordano, Premises.

Architect...None.

Day's work. COST, $400

ALTERATIONS

(397) NOS. 1015-17 MARKET. Cut opening in wall.

Owner.....P. Rossi, 275 Post, S. F.

Architect...None.

Contractor..S. A. Giusti, 617 Sansome, San Francisco.

COST, $400

FRAME DWELLING

(398) W MARS 175 S 17th. One and one-half-story and basement frame dwelling.

Owner.....John Johnson, 268 Lower Terrace, San Francisco

Architect...None

Contractor..Gus E. Thunberg, 640 9th Ave., San Francisco.

COST, $1900

REPAIRS
(399) NO. 141 GEARY. Repair fire damage.
Owner....United Bldg. Syndicate, 1201 Nevada Bank Bldg., San Francisco.
Architect...None.
Day's work. COST, $2500

PILING, ETC.
(400) NE FRONT AND PINE E 57-6x N 87-6. Piling, pile driving cutting for foundations for seven-story and basement building.
Owner.....Kate K. Wheeler, 2012 Broadway, San Francisco.
Architect...O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor..C. E. Lamburth, 118 Capp, San Francisco.
Filed Feb. 13, '17. Dated Feb. 9, '17.
33⅓% of piles driven.....$1032.25
60% of piles driven..... 1032.25
All piles driven and cut off.. 1032.25
Usual 35 days..... 1032.25
TOTAL COST, $4129.00
Bond, $2064.50. Sureties, Fred Leffler and W. B. Reis. Limit, 18 days after notification. Forfeit, none. Plans and specifications filed.

REPAIRING, ETC.
(401) NOS. 530 AND 540 GROVE N side about 150 W Octavia. All work for repairing and remodeling flats damaged by fire.
Owner.....Harry A. Kennedy and Lulu K. Doe, 775 Pine, S. F.
Architect...None.
Contractor..Jno. Diestel, 2351 21st, San Francisco.
Filed Feb. 13, '17 Dated Feb. 1, '17.
Grounds and building cleared of wreckage and flat No. 540 Grove street retinted.....$450
Plaster and roof on..... 450
All work completed..... 450
Usual 35 days..... 446
TOTAL COST, $1796
Bond, none. Limit, 44 days. Forfeit, plans and specifications, none.
NOTE:—1st report Feb. 13th. No. 391.

FRAME RESIDENCE
(402) LOT 10 BLK 19 Forest Hill. All work except shades, finish hardware, light fixtures and wall paper for two-story frame residence.
Owner.....Joseph B. Dryden, 85 2nd, San Francisco.
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor..Caldwell & Son, 1913 Van Ness Ave., S. F.
Filed Feb. 13, '17. Dated Feb. 10, '17.
Frame up and roof boarded..$1324.25
Brown coated 1324.25
Completed and accepted..... 1324.25
Usual 35 days..... 1324.25
TOTAL COST, $5297.00
Bond, $2650. Surety, New Amsterdam Casualty Co. Limit, 75 days from filing Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(403) NO 522 GOLDEN GATE AVE. Alter front.
Owner.....M. S. Price, 1015 Divisadero, San Francisco.
Architect...Oliver Everett.
Contractor..Louis Metter, 359 Capp, San Francisco.
COST, $425

FRAME APARTMENTS
(404) E VAN NESS AVE 87-6 S Green. Three-story and basement frame (12) apartments.
Owner.....Grace Yager, 1429 Clay, San Francisco.
Architect...E E Young, 251 Kearny, San Francisco.
Contractor..W. W. Yager, 1485 Pine, San Francisco.
COST, $15,000

FRAME FLATS
(405) W TWENTY-THIRD AVE 125 N Clement. Two-story and basement frame (2) flats
Owner.....Elmer E Clarke, 574 26th Ave., San Francisco.
Architect...None.
Day's work. COST, $5000

ALTERATIONS
(406) NW FREDERICK & MASONIC Ave. Alter present three-story frame building into 6 apartments
Owner.....M. A. Fritz, 1401 Masonic Ave., San Francisco.
Architect...None.
Contractor..E. N. Fritz, 1401 Masonic Ave., San Francisco.
COST, $8000

FRAME FLATS
(407) W CHURCH 60 S 20th. Two-story and basement frame (4) apartments.
Owner.....Mrs. I. Bouchard, 279 Cumberland, San Francisco.
Architect...None.
Day's work. COST, $6000

BUNGALOW
(408) E PLYMOUTH 45 S Southwood Drive being Lot 2 Blk 3199. All work for five-room bungalow.
Owner.....H. H. & Catherine Selleck 1253 Shrader, S. F.
Plans by Contractor.
Contractor..C. H. Bessett, 343 29th Ave., San Francisco.
Filed Feb. 14, '17. Dated Feb. 5, '17.
When roofed $644.50
Plastered 644.50
Completed and accepted..... 644.50
Usual 35 days..... 644.50
TOTAL COST, $2578.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

HEATING SYSTEM, ETC.
(409) NO. 56 JULIAN AVE. All work for 1 Best Northern water softening and heating system and plant.
Owner.....Sterling Laundry Co., 56 Sterling Ave., S. F.
Architect...None.
Contractor..Dr. Otto Best, 235 Balboa Bldg., San Francisco.
Filed Feb. 14, '17. Dated Feb. 5, '17.
On acceptance $1900
3 consecutive months thereafter $633.33 until $3800 is paid, notes to be given for last 3 payments of $633.33 each, interest at 6% per annum .....
TOTAL COST, $3800
Bond, none. Limit, 6 months. Forfeit, plans and specifications, none.

ADDITION
(410) E COMMONWEALTH AVE 100 S California. Add porch and alter for dance room in basement.
Owner.....Dr. Gross, 22 Commonwealth Ave., San Francisco
Architect...None
Day's work. COST, $400

ALTERATIONS
(411) — HARRISON AND 18TH. New galvanized iron roof.
Owner.....Pacific Foundry Co., Prem.
Architect...None.
Contractor...A. H. Wilhelm, 180 Jessie, San Francisco.
COST, $750

ALTERATIONS
(412) SW ELLIS AND POLK. Alter flats into apartments.
Owner.....Mrs. T. Bell, 420 Phelan Bldg., San Francisco.
Architect...None.
Contractor..J. H. Henderson, 903 O'Farrell, San Francisco.
COST, $1200

ALTERATIONS
(413) NOS. 104-106 POWELL. Extend stores, new floors, etc.
Owner.....Chas. Frank, Premises.
Architect...None.
Day's work. COST, $400

REPAIRS
(414) NO. 4470 TWENTY-THIRD. Alter and repair dwelling.
Owner.....Christina A. Russell, 4470 23rd, San Francisco.
Architect...None.
Contractor..J. T. McInnis, 1034 Noe, San Francisco.
COST, $1250

TILING, ETC.
(415) SE MARKET AND FOURTH. All work for ceramic floor tiling and Mueller Mosaic Co's hand made flemish tile for theatre building.
Owner.....Market Street Realty Co.
Architect...Alfred H. Jacobs, 110 Sutter, San Francisco.
Contractor..W. W. Montague & Co., 557 Market, San Francisco.
Filed Feb. 15, '17. Dated Jan. 24, '17.
Completed and accepted.....$1143.75
Usual 35 days..... 381.25
TOTAL COST, $1525.00
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

(416) ORNAMENTAL IRON & STAIR work on above.
Contractor..Monarch Iron Works, 1161 Howard, San Francisco.
Filed Feb. 15, '17. Dated Jan. 24, '17.
Cast iron standards for brass rails installed $340
Metal stairs completed..... 610
Entire door frames completed.. 400
Ticket seller's booth and poster frames installed 600
Completed and accepted..... 300
Usual 35 days..... 750
TOTAL COST, $3000
Bond, $3000. Surety, London & Lancashire Indemnity Co. Limit, as fast as required. Forfeit, none.. Plans and specifications filed.

(417) KOMPOLITE FLOORING AND wainscotting on above.
Contractor..Malott & Peterson, Monadnock Bldg., S. F.
Filed Feb. 15, '17. Dated Jan. 24, '17.
Completed and accepted.....$504.75
Usual 35 days..... 168.25
TOTAL COST, $673.00
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

(418) METAL STUDDING, LATH AND plaster on above.
Contractor..Nic Muriale, 1537 Mason, San Francisco.
Filed Feb. 15, '17. Dated Jan. 24, '17.
Main ceiling of auditorium completed $2750
South wall of auditorium com-

pleted 3000
All work in auditorium done. . 2750
Entrance vestibule, foyer and exterior cementing done..... .. 2500
Upper & lower mezzanines done 3000
Completed and accepted..... 3625
Usual 35 days..... 5875
TOTAL COST, $23,500

Bond, $23,500. Surety, Hartford Accident & Indemnity Co. Limit, 60 days after notified. Forfeit, $200. Plans and specifications filed.

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(419) MARBLE AND KASOLA STONE work on above.
Contractor, Mission Concrete & Mosaic Co., 331 Guerrero, S. F.
Filed Feb. 15, '17. Dated Jan. 24, '17.
All work in toilet rooms done.$1695.00
Completed and accepted..... 2667.75
Usual 35 days..... 1454.25
TOTAL COST, $5817.00

Bond, $5817. Surety, London & Lancashire Indemnity Co. Limit, as required. Forfeit, none. Plans and specifications filed.

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(420) BEVER COLORED NON-FADING cork tile on above.
Contractor..W. L. Eaton & Co.
Filed Feb. 15, '17. Dated Jan. 24, '17.
On completion $187.50
Usual 35 days..... 62.50
TOTAL COST, $250.00

Bond, limit, forfeit, none. Plans and specifications filed.

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(421) ELECTRIC SIGN ON ABOVE.
Contractor..Brumfield Electric Sign Co. 18 7th, San Francisco.
Filed Feb. 15, '17. Dated Jan. 24, '17.
On completion of structural steel and cast iron for roof sign.....$1000
On completion of roof sign.... 1000
On completion of all work..... 3175
Usual 35 days..... 1725
TOTAL COST, $6900

Bond, $6900. Surety, London & Lancashire Indemnity Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

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(422) HARDWARE ON ABOVE.
Contractor..Palace Hardware Co., 581 Market, San Francisco.
Filed Feb. 15, '17. Dated Jan. 24, '17.
On delivery $1725
TOTAL COST, $1725

Bond, none. Limit, Dec. 1, 1917. Forfeit, none. Plans and specifications filed.

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(423) SCAGLIOLA WORK ON ABOVE.
Contractor..California Scagliola Co.
Filed Feb. 15, 17. Dated Feb. 14, '17.
When contractor's shop moulding A completed.....$118.75
When contractor's shop moulding B completed..... 28.80
When contractor's shop moulding C completed..... 63.00
When contractor's shop moulding D completed..... 150.00
When front frame completed.. 100.00
Newel cap completed..... 25.00
Completed and accepted..... 889.95
Usual 35 days..... 468.50
TOTAL COST, $1874.00

Bond, $1874. Surety, London & Lancashire Indemnity Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

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(424) TWO HOLLOW METAL DOORS on above.
Contractor..Interior Metal Mfg. Co., Hearst Bldg., S. F.
Filed Feb. 15, '17. Dated Feb. 9, '17.
On delivery of doors.....$1225
TOTAL COST, $1[illegible]

Bond, none. Limit, Oct. 1, 1917. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(425) E FILLMORE 62-6 S Chestnut E 87-6 N 62-6 E 50 S 137-6 W 137-6 N 75. All work for one-story frame building.
Owner.....Gustave Lachman, 2019 Mission, San Francisco.
Architect ...Heiman & Schwartz, Nevada Bank Bldg., S. F.
Contractor..J. S. Malloch, 1943 Page, San Francisco.
Filed Feb. 15, '17. Dated Feb. 15, '17.
Rear frame up.....$1199.37
Roof on and partitions set... 1199.38
Completed and accepted..... 1199.37
Usual 35 days..... 1199.38
TOTAL COST, $4797.00

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(426) W CAPITOL AVE 100 N Montana — 50 W 100 S 25 E 20 S 25 E 80. All work for one-story frame residence.
Owner.....Mary Williams, Oakland.
Architect ...None.
Contractor..Charles Coburn.
Filed Feb. 15, '17. Dated Feb. 15, '17.
Frame up $496.25
Roof on and building enclosed 496.25
Brown coated 496.25
Completed and accepted..... 496.25
TOTAL COST, $1985.00

Bond, none. Limit, 60 days from issuance of permit. Forfeit, $5. Plans and specifications filed.

FRAME RESIDENCE
(427) W FIFTEENTH AVE 25 N Balboa. Two-story and basement frame residence.
Owner.....J. Harold Johnson, 507 15th Ave., San Francisco.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(428) W FIFTEENTH AVE 50 N Balboa. Two-story and basement frame residence.
Owner.....J. Harold Johnson, 507 15th Ave., San Francisco.
Architect ...None.
Day's work. COST, $3000

FRAME RESIDENCE
(429) W FIFTEENTH AVE 75 N Balboa. Two-story and basement frame residence.
Owner.....J. Harold Johnson, 507 15th Ave., San Francisco.
Architect ...None.
Day's work. COST, $3000

FRAME FLATS
(430) E TWENTY-THIRD AVE 300 N Geary. Two-story and basement frame (2) flats.
Owner.....J. F. Renstrom, 1227 Sutter, San Francisco.
Architect ...None.
Day's work. COST, $4500

FRAME RESIDENCE
(431) N CERRITOS AVE 50 W Ocean Ave. Two-story and basement frame residence.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., S. F.
Architect ...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work. COST, $6000

FLAME, FLAT-
(432) E GUERRERO [illegible] 24-10½xE 99. All work for [illegible] story and basement frame (2) flats with garage in basement.
Owner.....William J. and Caroline E. Sullivan [illegible]
Architect ...A. Klahn, [illegible] San Francisco [illegible]
Contractor..A. Klahn & Son, [illegible] Ave., San Francisco.
Filed Feb. 16, '17. Dated Feb 17 '17.
Frame up ..... $11[illegible]
Brown coated ..... 1[illegible]
White coat plaster on..... 1185
Completed and accepted [illegible]
Usual 35 days..... 1[illegible]
TOTAL COST $[illegible]

Bond, none. Limit, 120 days. Forfeit none. Plans and specifications [illegible]

FRAME RESIDENCE
(433) E FIFTEENTH AVE 151 S Balboa. Two-story and basement frame residence.
Owner.....Emil Nelson, 430 26th Ave., San Franisco.
Architect ...None.
Day's work. COST, $2000

FRAME RESIDENCE
(434) E FIFTEENTH AVE 126 S Balboa. Two-story and basement frame residence.
Owner.....Emil Nelson, 430 26th Ave San Francisco.
Architect ...None.
Day's work. COST, $2000

ALTERATIONS
(435) NOS. 1265-67-69 EDDY. General alterations to flats.
Owner.....Elbert Goldman, 1214 Scott San Francisco.
Architect ...H. D. Mitchell, 628 Montgomery, San Francisco.
Contractor..Joe. Goldman, 1121 Steiner San Francisco.
COST, $1000

ALTERATIONS
(436) NO. 616 ANDERSON. Raise, add to and alter dwelling.
Owner.....T. Christian, Premises.
Architect ...None.
Day's work. COST, $1000

SIGN
(437) SE MARKET AND SECOND. Electric sign.
Owner.....American Express Co., Premises.
Architect ...None.
Contractor..Federal Sign System Elec. 618 Mission, S. F.
COST, $450

FLATS
(438) NO. 663 WILLOW AVE. Concrete work, etc., for flats.
Owner.....G. Shields, 1268 Eddy, S. F.
Architect ...None.
Contractor..Delaney & Guttenridge, 619½ Clayton, S. F.
COST $[illegible]

ALTERATIONS
(439) NO. 2541 THIRD. Alter [illegible] restaurant.
Owner.....C. Kristovich, Premises.
Architect ...None.
Day's work. COST $[illegible]

ELEVATORS, ETC.
(440) NOS. 72-80 MARKET. [illegible] floor and install sidewalk elevator.
Owner.....Chas. Jassoy, [illegible] San Francisco.
Architect ...None.

Contractor W. C. Duncan & Co., 110 Jessie, San Francisco.
COST, $1000

UNDERPIN APARTMENTS
(442) NO. 1164 POST Underpin apartments.
Owner S. T. Dealy, 75 Leavenworth, San Francisco.
Architect ...None.
Contractor. Jas. S. Ferrell, 180 Jessie, San Francisco.
COST, $1000

ALTERATIONS
(442) W. CAROLINA 125 N. 22nd. Alter dwelling.
Owner ... A. T. Scherf, 864 Carolina, San Francisco.
Architect ...O. R. Thayer, 240 Montgomery, San Francisco.
Day's work. COST, $450

FOUNDATION
(443) NO. 2 GLADYS Foundation, cement floor, etc.
Owner ... Mrs. A. Balich, Premises.
Architect ...None.
Contractor..Carl Frank, 305 Bocana, San Francisco.
COST, $400

FRAME APARTMENTS
(444) N. LAKE 27-6 W. Fifth Ave. Three-story and basement frame (6) apartments.
Owner.....Mrs. Sophie Grannis, 2450 Steiner, San Francisco.
Architect ...E. E. Young, 251 Kearny, San Francisco.
Contractor..Fred R. Grannis, 2450 Steiner, San Francisco.
COST, $10,000

FRAME BUILDING
(445) LOT 12 BLK 3197 Westwood Park. All work for one-story frame tract office building.
Owner.....Globe Realty Co., 310 Kearny, San Francisco.
Architect ...None.
Contractor. E. J. Spence, 537 25th Ave., San Francisco.
Filed Feb. 17, '17. Dated Feb. 16, '17.
15th of each month..... 75%
Usual 35 days 25%
TOTAL COST, Contractor to receive 10% over and above all cost.
Bond, none. Limit, 10 days. Forfeit, plans and specifications, none.

ALTERATIONS
(446) E. DUPONT 68-9 S. Clay S. 26-9x E. 68-9. Alterations, additions and repairs to three-story and basement brick store and loft building.
Owner.....John Gallwey and Chas. W. Slack, extrs. Estate Reuben H. Lloyd, dec'd.
Architect ...Frank S. Holland, Call-Post Bldg., San Francisco.
Contractor..Oscar C. Holt, 143 Tiffany Ave., San Francisco.
Filed Feb. 17, '17. Dated Feb. 16, '17.
Brown coated 1253.00
Completed and accepted..... 1253.00
Usual 35 days 837.80
TOTAL COST, $3343.80
Bond, $1700. Sureties, Chas. H. Hock and Oscar W. Thunberg. Limit, 45 days from filing. Forfeit, $10. Plans and specifications filed.

INCORPORATIONS.

SAN FRANCISCO COUNTY.

H. S. Tittle Co. Capital Stock, $50,000, subscribed, $300; shares, $100 each. Directors—H. S. Tittle, P. F. Scott, E. E. Browne, 1 share each. Place of business, San Francisco.

Slade Export Co. Capital Stock, $50,000, subscribed, $300, share, $100 each. Directors—S. E. Slade, R. C. Slade and A. H. Cole, 1 share each. Place of business, San Francisco.

LEASES.

SAN FRANCISCO COUNTY.

Feb. 9, 1917—NE CALIFORNIA AND Hyde No. 1398 California. Third St. Improvement Co to Carl H Conradi. 5 years. $7200.

Feb. 9, 1917—NE PINE AND BATTERY N 91xE 87-6. Estate Isaac Upham to Cluett, Peabody & Co., Inc. 5 years. $400 per month.

Feb. 14, 1917—SE GRANT AVE AND Pacific. Alphonse Wuiet to Joseph Tensa. 2 years. $35 per month with option to renew.

Feb. 17, 1917—NO. 11 TURK. W E Dean to R W Thomas. Feb. 28, 1922. $6000.

Feb. 17, 1917—NO. 4547 MISSION. Augostino Beltrami to Paula A Link. 5 years. $20 per month. Assigned Feb. 16, 1917 to Clara Schlichting and Elisabeth Porzer.

BUILDERS' BOND.

SAN FRANCISCO COUNTY.

Feb. 9, 1917—S MISSION, bet. 10th and 11th. Owner, Gantner & Mattern Co; contractor, T H Meek Co; Sureties, Margaret M Meek and Harrison Barto. Bond, $3500.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Feb. 3, 1917—W JONES 137-6 N Washington N 50xW 137-6. Marcus Marcussen to whom it may concern.....Feb. 3, 1917

Feb. 3, 1917—LOT 11 BLK 6583 being 27.6x114 on 27th bet. Diamond and Douglass. Annie H Old to whom it may concern.....Feb. 2, 1917

Feb. 3, 1917—N FILBERT 125 W Baker W 50xN 137-6. William W Rednall to whom it may concern.....Feb. 3, 1917

Feb. 3, 1917—SE MAYNARD AND Craut 25x110. Philip W Montrouil to whom it may concern. Feb. 3, 1917

Feb. 5, 1917—E CASTRO 128 N Henry N 25xE 100. Harriet and Jesse C Johnson to C T Wengard. Feb. 5, 1917

Feb. 6, 1917—NE LINARES AVE 26.66 SE from W Cor. Lot 9 Blk 2127 Forest Hill Court NE 100 m or l NW 40 m or l SW 100 m or l SE 40 m or l Ptn Lots 9 and 10 Blk 2127, Forest Hill Court. William H Kiler to Conservative Bldg & Invst Co.....Feb. 6, 1917

Feb. 6, 1917—NOS. 1815-1817 California. Mrs Kaspar Pischel to Lester H Stock.....Feb. 1, 1917

Feb. 6, 1917—W FOLSOM 173 S 17th W 122-6xS 25. Jean Allec to G E Lamburth.....Jan. 29, 1917

Feb. 6, 1917—E THIRD 125 N Townsend N 150xE 160. Clinton Constr Co of California to Pacific Fire Extinguisher Co; Burnham Plumbing Co.....Feb. 5, 1917

Feb. 6, 1917—N KIRKHAM 82-6 W 11th Ave W 25xN 100. A Raymond Duffee to whom it may concern.....Feb. 6, 1917

Feb. 6, 1917—W SEVENTEENTH AV 25 N California N 75xW 75. Delmar Smith Clinton to Emil Nelson.....Dec. 4, 1916

Feb. 6, 1917—N McALLISTER 85-6 W Webster W 25xN 85. J Friedman to Ira W Coburn.....Feb. 6, 1917

Feb. 6, 1917—LOT 9 BLK 15 Addition to Castro St. Add'n and Glen Park Terrace. J D Stanley to O E Evans .....Jan. 16, 1917

Feb. 6, 1917—N POST 62-6 E Leavenworth E 50 N 137-6 W 25 S 50 W 25 S 87-6. Lange & Bergstrom to Eureka Iron & Wire Wks, Feb 1, '17 Western Furnace & Cornice Co, Feb 1, '17; Dresser-McDonnell, Feb 1, '17; The Tozer Co, Feb. 1, '17; This H Price Co, Feb 1, '17; Anderson Bros, Feb 1, '17; Frank J Klimm, Feb 1, '17; J K Stewart, Feb 1, '17; Holloway Expanded Metal Co, Feb 1, '17; Sunset Iron Works, Feb 1, '17; A W Pike & Co, Feb 1, '17; Central Elec Co, Feb 1, '17; Spencer Elevator Co, Feb 1, '17; C C Jorgensen & Co....Feb. 1, 1917

Feb. 7, 1917—W THIRTEENTH AVE 304 S Irving. Leo J Ruegg to whom it may concern...Jan. 17, 1917

Feb. 7, 1917—NW POST & LEAVENworth N 60x70. Metropolis Invst Co to whom it may concern.....Feb. 6, 1917

Feb. 7, 1917—E EIGHTEENTH AVE 225 N Balboa N 25xE 120. Jas Welsh to whom it may concern.....Feb. 1, 1917

Feb. 7, 1917—NW POST & LEAVENworth N 60x70. Metropolis Invst Co to whom it may concern.....Feb. 6, 1917

Feb. 7, 1917—SE BAKER & GOLDEN Gate Ave S 37-6xE 96-10½. Jno V Campbell to whom it may concern .....Feb. 7, 1917

Feb. 8, 1917—NE PFEIFFER AND Stockton 23-9x77-6. G B Canepa to H Liebert and J Martinelli.....Feb. —, 1917

Feb. 8, 1917—SE EDDY & FRANKLIN E 57-6xS 120. Ellen M Jackson, Elizabeth G Marks, Jno L Marks to Atlas Heating & Ventilating Co .....Feb. 6, 1917

Feb. 8, 1917—S BUSH 137-6 E Mason E 45-6xS 137-6. O'Brien Bros, Inc to Val Franz & Son, Brandon & Lawson, American Elec Eng Co, R De Luca, J Gibbs, Pacific Structural Iron Works; J Piconi, Atlas Heating Ventilating Co and Ideal Cornice Co.....Completed ——

Feb. 8, 1917—N LOMBARD 88-6 E Pierce 27-6x100. Emilio Re and Giacomo Re to S Montani & Co.....Feb. 8, 1917

Feb. 8, 1917—N PARNASSUS AVE 30 E Willard E 25xN 100. Annie Gray to whom it may concern. Feb. 6, 1917

Feb. 7, 1917—S MISSION 223-6 E 5th E 55-0¾xS 160. George B Somers, Esq to Larsen & Sampson.....Feb. 7, 1917

Feb. 8, 1917—LOT 12 Lyon & Hoags Sub Ashbury Terrace. Victor U Winfrey to S A Born Bldg Co.....Feb. 5, 1917

Feb. 9, 1917—E CLAYTON 25 S Fulton S 25xE 106-3. George J Martin to J V Campbell.....Feb. 3, 1917

Feb. 9, 1917—SE TWENTIETH AVE and Lake 32-6x100. Lloyd B Ham to whom it may concern..Feb. 9, '17

Feb. 9, 1917—SW NINTH 212-6 SE Harrison SE 62-6xSW 185. W H

Crim Jr, Architect to Pacific Fire Extinguisher Co and Scott Co. .....Jan 31, 1917.

Feb. 9, 1917—SW NINTH 212-6 SE Harrison SE 62-6xSW 185. W H Crim Jr, Architect to Decker Elec Co and Otis Elevator Co..Jan. 31, 1917

Feb. 10, 1917—E THIRTEENTH AVE 125 S Lake 25x120. Emil E McCarthy to Chester C Ferrill. .....Feb 10, 1917

Feb. 13, 1917—NW NINTH & FOLSOM NE 100 SW 80-10 SE 100 NE 80-10 Andrew Nelson to whom it may concern.....Feb 10, 1917

Feb. 13, 1917—S TWENTY-FOURTH 50 E Fountain E 25xS 70. Victor Bjors to whom it may concern .....Feb. 10, 1917

Feb. 13, 1917—LOT 12 BLK 17-A, The C S Allred Sub Blks 17 and 18 West End Map No. 1. C S Allred to whom it may concern...Feb. 12, 1917

Feb. 13, 1917—NE STOCKTON AND Pfeiffer 23-9x77-6. G B Canepa to H Liebert and J Martinelli.....Feb. 8, 1917

Feb. 13, 1917—S GOLDEN GATE AVE 137-6 W Leavenworth W 40x S 57-6. P A Palmer to whom it may concern .....Feb. 3, 1917

Feb. 13, 1917—LOT 18 Lyons & Hoag Sub Ashbury Terrace. Thos Scoble whom it may concern...Feb. 9, 1917

Feb. 13, 1917—LOT 1594 and W ½ Lot 1595 Gift Map No. 3. Anna W Sirvis to John A Kuivala..Feb. 13, '17

Feb. 13, 1917—SE GEARY & 19TH Ave E 57-6x75. Thos Scoble to whom it may concern..Feb. 9, 1917

Feb. 14, 1917—SE JACKSON AND Steiner S 35-2¼xE 61-4. Sophie Grannis to whom it may concern .....Feb 14, 1917.

Feb. 14, 1917—S GREEN 80 W Montgomery 25x137-6. Peter Costello to Devencenzi Bros.....Feb. 14, 1917

Feb. 14, 1917—N VALLEJO 96-10 W Montgomery 20-8x62-6. S Olari to Devencenzi Bros .....Feb. 14, 1917.

Feb. 15, 1917—SE MARKET AND Fourth S 170xE 100. Market Street Realty Co to R J H Forbes.....Feb 14, 1917.

Feb. 15, 1917—NE FIFTH AVE AND Anza. Edward G Brugge to James Rixen.....Feb. 15 1917

Feb. 15, 1917—W THIRD bet. 4th and 16th. Southern Pacific Co to Thos H Price Co.....Feb. 7, 1917

Feb. 15, 1917—W PLUTO 80 S Masonic Ave S 80x27-6. Co-Operative Home Builders to whom it may concern.....Feb. 15, 1917

Feb. 15, 1917—N NINETEENTH 145-1½ E Dolores E 24-10½xN 100. K M Lane to C L Knight.Feb. —, 1917

Feb. 15, 1917—N SUTTER 137-6 W Mason. C T Ryland to whom it may concern .....Completed —

Feb. 16, 1917—NW COOK AND ST. Roses Ave 25x95. Nathaniel Thompson to whom it may concern.....Feb. 16, 1917

Feb. 16, 1917—S PACIFIC AVE 147-6 W Franklin. W J McKillop to whom it may concern..Feb. 15, 1917

Feb. 16, 1917—E FIFTEENTH AVE 250 N Fulton N 25xE 127-6. Stillman E Brown to whom it may concern.....Feb. 15, 1917

Feb. 16, 1917—SE HAIGHT AND Shrader E 59-7¼xS 100. Daniel M Moran to L W Clarke and T E [illegible] Feb 14, 1917.

[illegible] W ELEVENTH AVE [illegible] N Edna and W [illegible] N 50 Lincoln [illegible] Feb 16, 1917.

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Feb. 5, 1917—NW STATE & CASTRO W 100xN 25. J A Kuivala vs Marius Lehikoenen $833.25

Feb. 6, 1917—E JULIAN AVE 155 S 15th S 30xE 84. F G Norman & Sons vs Marie Metter.....$106.28

Feb. 6, 1917—E JULIAN AVE 155 S 15th S 30xE 84. F G Norman & Sons vs Marie Metter and Emil Erehters $34.61

Feb. 6, 1917—SE DRUMM & WASHington E 137-6xS 115. Otis Elevator Co vs Sarah J de la Montanya, Welbanks & Co and Webster Welbanks $174.60

Feb. 7, 1917—SW CALIFORNIA & Drumm W 46-11½ S 94-4 NE 57-2½ N 60. Donald Mowat vs Louis Metzger $1047.02

Feb. 9, 1917—E STOCKTON 50 S Sutter S 40xE 80. Dunham, Carrigan & Hayden Co vs Charles H Crocker and Brode Iron Wks.$365.44

Feb. 10, 1917—N HOWARD 115 W 11th W 25xN 76. M Stulsaft Co vs A G Ehrenpfort and F J Maurer.....$313.99

Feb. 13, 1917—E TWELFTH AVE 20 N Cabrillo (C) N 25xE 120. California Floor Co vs Robert Mc-

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

Lelland $22,

Feb. 13, 1917. W FOLSOM 178 S 17th S 150xW 122-6. J S Guerin & Co vs Jean Allec and Greenback Plastering Co $729.55

Feb. 13, 1917—SW VAN NESS AVE & Bush S to N Fern Ave W 120 N to S Bush E 220. Haines, Jones & Cadbury Co vs J Looney, Leonard Constr Co and Overland Stores Co $3981.55

Feb. 13, 1917 NE CASTRO AND States N 25xW 100. J Pieoni vs Markus and William Lehikoinen.$122

Feb. 15, 1917 W SEVENTEENTH AV 120 S California S 25xW 120. Chas Holloway Jr vs S F Bldg Co and Wm Larson $73.80

Feb. 16, 1917—SW VAN NESS AVE & Bush S 120xW 220. M Greenberg's Sons vs Overland Stores Co, J Looney & Leonard Constr Co.$399.50

OAKLAND AND ALAMEDA COUNTY.

STREET IMPROVEMENT Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on March 1st for street improvement authorized under the following resolution: That Noble street, from Seminary avenue to 62nd avenue, be graded, curbed with redwood, guttered with concrete gutters 3 feet wide,paved with oil macadam and sidewalked with cement sidewalks 6 feet wide.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architect, none. Owner, C. L. Morey, Dalziel Bldg., Oakland. Location, Grand avenue. Will contain a number of two and three room suites. Plans being prepared.

APARTMENT HOUSE—2 story and base, frame, $5,000. Oakland, Cal. Architect, none. Owner, M. Chovin, 807 Jackson street, Oakland. Location, west 4th avenue south East 18th St. Will contain several two and three room suites. Plans complete and work to be done by Day Labor.

RESIDENCES—15, 1½ story and base, frame, $2,250 each. Oakland, Cal. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, east 28th avenue north East 18th street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,100. Oakland, Cal. Architect, none. Owner, G. H. Whidden, 505 Haddon Road, Oakland. Location, east Winsor avenue north Harvard. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $5,000. Oakland, Cal. Construction Manager, Frederick Whitton, 251 Kearny street, S. F. Owners, Wickham-Havens Co., 1308 Broadway, Oakland. Location, west Winsor avenue south Girard. Will contain eight rooms, two baths and sleeping porch Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, C. W. Glant, 1454 87th avenue, Oakland. Location, 1133 Rauleigh Way. Will contain five rooms, bath and sleeping porch. Plans complete and work to done by Day Labor.

RESIDENCE — 2 story and base, frame, $5,000. Oakland, Cal. Architect, none. Owners, Banning & Stowell, 5201 Desmond street, Oakland. Location, north Mandana Boulevard east Lakeshore avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,500. Oakland, Cal. Architect, none. Owner, F. L. Waye, 5723 Oak Grove avenue, Oakland. Location, south Walla Vista avenue east Lakeshore avenue. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, Martha McCausland, 3926 Santa Rita avenue, Oakland. Location, northwest Rosedale and Mera. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

GARAGE—1 story and base, reinforced concrete, $7,445. Oakland, Cal. Architect's name not given. Owners, Alameda County. Contractor, James Pedgrift, 2232 11th avenue, Oakland. Contract price, $7,445. A complete list of these figures will be found under the heading of Bids Opened in this issue.

RESIDENCE — 1 story and base, frame, $3,000. Berkeley, Alameda Co., Cal. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner Lizzie P. Evans. Location, west Eton avenue north Claremont. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame $2,500. Oakland, Cal. Architect, none. Owner, R. Cormack, 728 39th street, Oakland. Location, south 43rd east Shafter. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, Edwin C. Graff, 1422 San Pablo avenue, Oakland. Location, north 45th street west West street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,500. Oakland, Cal. Architects, Schirmer-Bugbee Co., Dalziel Bldg., Oakland. Owner, Mr. Glasier. Location, Boulevard Way. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans being prepared.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, R. K. Larsen, 1221 30th avenue, Oakland. Location east 27th avenue north East 14th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, R A. Hutchinson, 470 13th street, Oakland. Location, southwest Jean and Santa Clara avenues. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

WAREHOUSE AND SALES ROOMS—1 story and base reinforced concrete, $20,000. Oakland, Cal. Architect's name not given. Owner, E. H. White, leased to United States Tire Co., 50 Fremont street, S. F. Location, northeast 28th and Broadway, covering an area of 100 by 111 feet. Will contain offices, sales rooms and warehouse. Plans complete and work to be done by Day Labor.

FIRE ALARM SYSTEM—$5,000. San Leandro, Alameda Co., Cal. Engineer, none. Owners, City of San Leandro. The City Trustees at their last meeting favored the installation of a new fire alarm system in San Leandro, and the Clerk of the Board was instructed to communicate with firms handling the same. It is thought that the complete system can be installed for $5,000.

RESIDENCE — 1 story and base, frame, $3,000. Oakland, Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, H. G. Smith. Location, Thousand Oaks Park. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans being prepared.

HOTEL ALTERATIONS AND ADDITIONS—3 story and base, frame, $30,000. Oakland, Cal. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner's name withheld. Location, Jackson street. Revised plans have been prepared for this work and new figures are now being taken.

Contract Awarded.

STREET PAVING—$39,000. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. Contractor George Schmidt, Berkeley. Paving San Pablo avenue from Berkeley to the Contra Costa County line at Richmond. Contract price, $39,000.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
324	Abrott	Foster	500
325	Larsen	Larsen	2200
326	Henderson	Anderson	1800
327	McCausland	McCausland	2000
328	Philbrick	Philbrick	2000
329	Clauson	Rogers	2600
330	Waye	Waye	3500
331	Werum	Brown	2400
332	Silva	Silva	1700
333	Woodard	Woodard	3000
334	Merritt	Woodard	2500
335	Pacific G & E Hopper		1242
336	Zamloch	Cords	3000
337	Fruit Rlty	Nelson	6348
339	Klein	Hylen	700
340	Same	Same	700
341	Same	Same	700
342	Chovin	Chovin	4600
343	Whitehead	Owens	2500
345	Oakland	Armstrong	2500
346	Gallagher	Whalin	3000
347	Grondona	Grondona	400
348	Dempsey	Mullen	1500
349	O'Neal	Shrader	400
350	Cormack	Cormack	2250
351	Graff	Graff	2350
357	Lawton	Lawton	1600
358	Glantz	Glantz	2500
359	Whidden	Whidden	3100
360	Silveria	McWilliams	10500
361	Haskell	Haskell	1950
362	S P Co	S P Co	950
363	Havens	Whitton	4900
364	Noble	Noble	2250
365	Noble	Noble	2250
366	McNear	Allyn	6000
367	Strong	Strong	2500
368	Hutchinson	Owner	2500
369	Steves	Lydiksen	500
370	Ketcham	Ketcham	500
371	Strandberg	Strandberg	400
372	Spencer	Spencer	5000
373	Leffler	Cushing	2000
374	Hajerman	Cushing	2000
380	Larmer	Larmer	1475
381	Coward	Coward	4000
382	Vaughan	Chase	1250
383	Brause	Eissler	1700
384	Clecak	Ils	400
385	Schwaner	Sheridan	14000
386	Valenzano	Brunetti	450
387	People's Exp	Owner	500
388	Std. Oil	Std Oil	2000
389	Lentz	Johnson	2000
390	Chriton	Dingwell	500
391	Burten	Burten	1800
392	Lebaldero	Lebaldero	2000
393	Russell	Reed	1600
394	MacRae	Keyless Lock	1160

ALTERATIONS
(324) NO. 411 AVON, Oakland. Alterations and repairs.
Owner.....A. J. Abrott, Danville.
Architect ...None.
Contractor..Joe Foster, Danville.
COST, $500

DWELLING
(325) E TWENTY-SEVENTH AVE 310 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1221 30th Ave., Oakland.
Architect ...None.
Day's work. COST, $2200

DWELLING
(326) S FARNUM 108 E Fruitvale Ave., Oakland. One-story 5-room dwelling.
Owner.....E. W. Henderson, 1436 Fruitvale Ave., Fruitvale.
Architect ...E. J. Symmes, 722 Pacific Bldg., San Francisco.
Contractor..Chris. E. Anderson, 4115 Agua Vista, Oakland.
COST, $1800

DWELLING
(327) NW ROSEDALE AVE & MERA, Oakland.. One-story 6-room dwlg.
Owner.....Martha McCausland, 3936 Santa Rita, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(328) NE PERALTA AVE AND ARkansas, Oakland. One-story 7-room dwelling.
Owner.....A. P. Philbrick, 3277 School, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(329) E VALLE VISTA AVE 300 N Elwood, Oakland. One-story 7-room dwelling.
Owner.....Mrs. C. B. Clauson, 2011 Franklin, Oakland.
Architect ...None.
Contractor..J. F. Rogers.
COST, $2600

DWELLING
(330) S WALLA VISTA AVE 1100 E Lakeshore Ave., Oakland. Two-story 6-room dwelling..
Owner.....F. L. Waye, 5723 Oak Grove Ave., Oakland.
Architect ...None.
Day's work. COST, $3500

(331) E THIRTY-FOURTH AVE 200 S Galindo, Oakland. One-story five-room dwelling.
Owner.....A. M. Werum, 2021 34th Ave., Oakland,
Architect ...None.
Contractora..W. C. Brown, 1624 64th Ave.., Oakland.
COST, $2400

DWELLING
(332) E EIGHTY-FIRST AVE 118 S Dowling, Oakland. One-story 6-room dwelling.
Owner.....Phillipe Silva, 1942 81st Ave., Oakland.
Architect ...None.
Contractor..J. R. Silva, 1732 90th Ave., Oakland. COST, $1700

DWELLING
(333) S GREENWOOD 200 W Park Blvd., Oakland. One and one-half-story 6-room dwelling.
Owner.....Mabel Woodard, Oakland
Architect ...None.
Contractor..E. W. Woodard, 4031 Brighton Ave., Oakland.
COST, $2000

DWELLING
(334) S JOHN 150 W Montgomery, Oakland. One-story 6-room dwlg.
Owner.....Mrs. F. H. Merritt, 219 John, Oakland.
Architect ...None.
Contractor..E. W. Woodard , 4031 Brighton Ave., Oakland.
COST, $2500

ALTERATIONS
(335) (1) SE MARKET STREET and land owner at gas station B NW 665 xE 300; (2) SW Market and land gas station B NW 500, Oakland.. Remove ptn present fence and replace same and extend complete with gates
Owner.....Pacific Gas & Electric Co., 13th and Clay, Oakland.
Architect ...None.
Contractor..M. E. Hopper & Son, 90 Glen Ave., Oakland.
Filed Feb. 9, '17. Dated Jan 24, '17.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, $1242
Bond, $650. Surety, U. S. Fidelity & Guaranty Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.

DWELLING
(336) LOT 61 Nova Piedmont, Piedmont. All work for one-story 7-room dwelling.
Owner.....C. F. and Ida B. Zamloch, 614 Franklin, Oakland.
Architect ...None.
Contractor..Alfred Cords, 1540 San Pablo Ave., Oakland.
Filed Feb. 13, '17. Dated Feb. 9, '17.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

CONCRETE MARKET
(337) NE THIRD AND FRANKLIN 70 x72, Oakland. All work for one-story reinforced concrete market.
Owner.....The Fruit & Produce Realty Company, Inc.
Architect ...Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor..A. D. Nelson and Chas. Forsyth.
Filed Feb. 13, '17. Dated ——.
Steel reinforcement in place...$ 500
Sheathed 500
Walls and columns poured..... 400
Cement floor poured..... 600
Partitions in place..... 750
Awning completed 750
Completed and accepted..... 1248
Usual 35 days..... 1600
TOTAL COST, $6348
Bond, $3174. Sureties, Mary E. Nelson and Cornelia L. Nabone. Limit, 30 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(339) S COMMERCE 36 E High, Oakland. One-story 4-room dwelling.
Owner.....John B. Klein, 3755 35th Ave., Oakland.
Architect ...None.
Contractor..J. Hylen, 1314 Mangels Ave., Oakland.
COST, $700

DWELLING
(340) SE COMMERCE & HIGH, Oakland. One-story 4-room dwelling.
Owner.....John B. Klein, 3755 35th Ave., Oakland.
Architect ...None.
Contractor..J. Hylen, 1314 Mangels Ave., Oakland.
COST, $700

DWELLING
(341) S COMMERCE 73 E High, Oakland. One-story 4-room dwelling.
Owner.....John B. Klein, 3755 35th Ave., Oakland.
Architect ...None.
Contractor..J. Hylen, 1314 Mangels Ave., Oakland.
COST, $700

APARTMENTS
(342) W FOURTH AVE 50 S E-18th, Oakland. Two-story 9-room apartments.
Owner.....M. Chovin, 807 Jackson, Oakland.
Architect ...None.
Day's work. COST, $4600

DWELLING
(343) W PERALTA AVE 266 N E-33d, Oakland. One-story 5-room dwlg.
Owner.....R. Whitehead, 1st National Bank Bldg., Oakland.
Architect ...None.
Contractor..B. H. Owens, 2932 Telegraph Ave., Oakland.
COST, $2500

ALTERATIONS
(344) NE FOURTEENTH & MARKET, Oakland. Alterations.
Owner.....Robt. W. Powell, Premises
Architect ...None.
Day's work. COST, $450

(345) E-FOURTEENTH & SIXTY-seventh Ave. rear Lockwood School, Oakland. One-story club house.
Owner.....City of Oakland.
Architect ...None.
Contractor..G. Armstrong, 565 16th, Oakland. COST, $2500

(346) SE FOURTH AND FRANKLIN, Oakland. Alter interior of store.
Owner.....C. W. Gallagher, 310 11th, Oakland.
Architect ...None.
Contractor..W. E. Whalin, 565 16th, Oakland.
COST, $3000

ALTERATIONS
(347) N THIRTEENTH 240 W Wood Oakland. Alterations.
Owner.....W. Grondona, 12th and Wood, Oakland.
Architect ...None.
Day's work. COST, $400

DWELLING
(348) E MANILA AVE 181 N Moss Ave Oakland. One-story 4-room dwlg.
Owner.....James Dempsey, [illegible] Valley, Oakland.
Architect ...None.
Contractor..J. W. Mullen, 2201 Ellsworth, Berkeley
COST, $1[illegible]

REPAIRS
(349) NO 336 CENTER oakland Repairs.
Owner.....Mrs. Mary O'Neal, Oakland
Architect ...None.
Contractor..J. F. [illegible] 16th, Oakland.
COST, $40[illegible]

DWELLING
(350) S FORTY-THIRD [illegible] Shafter Ave., Oakland. One-story 5-room dwelling.
Owner.....R. [illegible] Okd.
Architect...None.
Day's work. COST, $2250

DWELLING
(351) N FORTY-FIFTH [illegible] W. West, Oakland. One-story 6-room dwelling.
Owner.....Edwin C. Graff, 1422 San Pablo Ave., Oakland.
Architect...None.
Day's work. COST, $2350

DWELLING
(357) E SIXTY-FOURTH AVE 50 N Flora being Lot [illegible] and adjoining 25 Lot 4 Blk 11, Havenscourt, Oakland. All work for one-story 4-room dwelling.
Owner.....Claudia M. Lawton, 3025 Claremont Ave., Berkeley.
Architect...None.
Contractor..Lawton & Vesey, 357 12th, Oakland.
Filed Feb. 14, '17. Dated Feb. 10, '17.
Frame up [illegible] ¼
Brown coated [illegible] ¼
Completed and accepted [illegible] ¼
Usual 35 days [illegible] ¼
TOTAL COST, $1600
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(358) NO. 1133 RANLEIGH WAY being Lot 24 Blk "F" Lakewood Park, Piedmont. Two-story seven-room frame dwelling and garage.
Owner.....C. W. Glantz [illegible] 87th Ave., Oakland
Architect...None.
Day's work. COST, $2500

DWELLING
(359) E WINSOR AVE 385 N Harvard Road, Oakland. One-story 6-room dwelling.
Owner.....G. R. Whidden, [illegible] Holdon Road, Oakland.
Architect...None.
Day's work. COST, $3100

DWELLING
(360) E PARK BOULEVARD end of Hollywood Ave., Oakland. Two-story 10-room dwelling and garage in rear.
Owner.....J. A. Silveira, Care Portuguese-American Bank, 11th and Franklin, Oakland.
Architect...None.
Contractor..R. A. McWilliams, 5845 Ayala, Oakland.
COST, $10,500

DWELLING
(361) W MONTGOMERY [illegible] N John, Oakland. One-story 7-room dwlg.
Owner.....A. A. and D. A. Haskell, 3122 Magnolia, Oakland.
Architect...None.
Contractor..Albert A. Haskell, 3122 Magnolia, Oakland.
COST, $1950

ROOF
(362) FIRST AND HARRISON, Oakland. Roof over platform.
Owner.....Southern Pacific Co., Okd.
Architect...None.
Day's work. COST, $950

DWELLING
(363) W WINSOR AVE [illegible] S Grand Ave., Oakland. Two-story 8-room dwelling.
Owner.....Wickham Haven [illegible] Broadway, Oakland.
Architect...None.
Constr. Manager, Frederick Whitton, 251 Kearny, San Francisco.
COST, $4900

DWELLING
(364) E TWENTY-EIGHTH AVE 253 N E-16th, Oakland. One-story five-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect...None.
Day's work. COST, $2250

DWELLING
(365) E TWENTY-EIGHTH AVE 290 N E-16th, Oakland. One-story five-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect...None.
Day's work. COST, $2250

ALTERATIONS
(366) GORE GROVE AND SAN PABLO Ave., Oakland. Alterations to modernize hotel.
Owner.....Geo. W. McNear, 433 California, San Francisco.
Architect...B. G. McDougall, 461 Market, San Francisco.
Contractor..Stockholm & Allyn, Monadnock Bldg., S. F.
COST, $6000

DWELLING
(367) W SHAFTER AVE 175 N Forest Oakland. One-story 6-room dwelling
Owner.....B. H. Strong, 5649 College Ave., Oakland.
Architect...None.
Contractor..Strong Realty Co., 5649 College Ave., Oakland.
COST, $2500

DWELLING
(368) SW JEAN AND SANTA CLARA Ave., Oakland. One-story six-room dwelling.
Owner.....R. A. Hutchinson, 470 13th, Oakland.
Architect...None.
Day's work. COST, $2500

ADDITION
(369) NO. 2719 FOOTHILL BLVD., Oakland. Addition.
Owner.....A. H. Steves, [illegible] 25th Ave., Oakland.
Architect...None.
Contractor..G. H. Lydiksen, 1244 25th Ave., Oakland.
COST, $500

ALTERATIONS
(370) NO. 3625 BROADWAY, Oakland Alterations.
Owner.....Helen L. Ketcham, 430 36th Oakland.
Architect...None.
Day's work. COST, $500

DWELLING
(371) N SAN JUAN 150 E 38th Ave., Oakland. One-story 2-room dwlg.
Owner.....Jennie Strandberg, 3826 San Juan, Oakland.
Architect...None.
Day's work. COST, $400

DWELLING
(372) E LAKESHORE AVE 150 S Walla Vista Ave., Oakland. Two-story 8-room dwelling.
Owner.....E. A. Spencer, 600 Grand Ave., Oakland.
Architect...None.
Day's work. COST, $5000

(373) W MASONIC AVE 250 S Washington, Albany. One-story dwelling.
Owner.....Charlotte Leffler, 429 Grafton Ave., San Francisco.
Architect...None.
Contractor..Cushing & Bingaman, 841 Madison, Albany.
COST, $2000

DWELLING
(374) E MADISON 50 S Clay, Albany. One-story 7-room dwelling.
Owner.....E. Hajerman, 607 Madison, Albany.
Architect...None.
Contractor..Cushing & Bingaman, 841 Madison, Albany.
COST, $2000

DWELLING
(380) W SEVENTH AVE 45 N E-8th, Oakland. One-story 4-room dwlg.
Owner.....Edw. Larmer, 470 Boulevard Way, Oakland.
Architect...None.
Day's work. COST, $1475

DWELLING
(381) SW HARVARD ROAD AND Ross, Oakand. Two-story 7-room dwelling.
Owner.....J. Coward, 6081 Claremont Ave.., Oakland.
Architect...None.
Day's work. COST, $4000

DWELLING
(382) N PLYMOUTH 175 E 92nd Ave.,
Owner.....Dennis Vaughan, 1933 94th Ave., Oakland.
Architect...None.
Contractor..W. F. Chase, 3790 Angelo Ave.., Oakland.
COST, $1250

DWELLING
(383) W VINCENT 250 S 56th, Oakland. One-story 5-room dwelling.
Owner.....Katherine Brause, 56th & Telegraph Ave.., Oakland.
Architect...None.
Contractor..Wm. Eissler, 376 Grove, Oakland. COST, $1700

RANGE
(384) NO. 421 TWELFTH, Oakland. French range.
Owner.....P. Clecak, Premises.
Architect...None.
Contractor..John G. Ils & Co., 839 Mission, San Francisco.
COST, $400

BRICK MARKET
(385) NE FOURTH AND FRANKLIN, Oakland. One-story brick market.
Owner.....Wm. F. Schwaner, 204 Central Bank Bldg., Okd.
Architect...None.
Contractor..Robt. E. Sheridan, 387 11th Oakland.
COST, $14,000

ADDITION
(386) NO. 5446 AYALA, Oakland. Addition.
Owner.....F. Valenzano, Premises.
Architect...None.
Contractor..G. Brunetti, 443 43rd, Okd.
COST, $450

ALTERATIONS
(387) NOS. 280-286 ELEVENTH, Oakland. Alterations.
Owner.....People's Express Co., 118 9th, Oakland.
Architect...None.
Day's work. COST, $500

BRICK GARAGE
(388) E HIGH at Alameda Ave., Oakland. One-story brick garage.
Owner.....Standard Oil Co., Foot of Powell, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(389) W SIXTY-SIXTH AVE 375 S Flora, Oakland. One-story 5-room dwelling.
Owner.....F. W. Lentz, 2026 Myrtle, Oakland.
Architect ...None.
Contractor..Geo. H. Johnson, 5465 Claremont Ave., Oakland. COST, $2000

ALTERATIONS
(390) NO. 1502 BROADWAY, Oakland. Alterations.
Owner.....Chriton Co., Albany Blk., Oakland.
Architect ...None.
Contractor..J. F. Dingwell, 2021 West, Oakland. COST, $500

DWELLING
(391) E FORTY-FIRST AVE 250 S San Carlos Walk, Oakland. One-story 5-room dwelling.
Owner.....A. E. Burten, 4129 Carrington, Oakland.
Architect .None.
Day's work. COST, $1800

DWELLING
(392) S SCOTT 269 W Marlin, Oakland. One-story 4-room dwelling.
Owner.....O. Lebaldero, 1430 Cypress, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(393) N SIXTY-SECOND 150 W Lowell Oakland. One-story 5-room dwlg.
Owner.....Thos. A. Russell, 62nd and Hillegass, Oakland.
Architect ...None.
Contractor..G. G. Reed, 681 62nd, Okd. COST, $1600

EQUIPMENT FOR POST OFFICE
(394) NILES. All work for equipment for post office.
Owner.....Mrs. Lillian May MacRae
Architect ...None.
Contractor..Keyless Lock Co.
Filed Feb. 17, '17. Dated ——.
Goods received $232
Balance, 3 notes for $232 each, due 3rd, 6th, 9th and 12th months
TOTAL COST, $1160
Bond, limit, forfeit, none. Specifications only filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
338	A O F	House	2719
355	Gould	Gould	400
356	Lilenthal	Affe	400
375	Wendering	Wendering	500
376	Same	Same	500
377	Same	Same	500
378	Domin	Bridenbecker	1000
379	Brasch	Brasch	5000

FRAME LODGE BUILDING
(338) S UNIVERSITY AVE 150 W Grove, Berkeley. All work for two-story frame lodge building and garage.
Owner.....Court University A. O. F. Hall Association, Masonic Temple, Berkeley.
Architect ...None.
Contractor...Jacob Hom... Way, Berkeley.
Filed Feb. 13, '17. Dated Nov. 25, '16.
Frame up .....$
Brown coated ...
Completed and accepted ...
Usual 35 days ...
TOTAL COST $...
Bond, none. Limit, 75 days. Forfeit none. Plans and specifications none.

ADDITION
(355) NO. 2440 RUSSELL, Berkeley. Addition.
Owner.....E. M. Gould, 1105 Parker, Berkeley.
Architect ...None.
Day's work. COST, $400

ADDITION
(356) NO. 1543 PRINCE, Berkeley. Addition.
Owner.....J. Lilenthal, 811 61st, Okd.
Architect ...None.
Contractor..F. Affe, 10th and Bristol, Berkeley. COST, $400

ALTERATIONS
(375) NO. 2331 McKINLEY AVE., Berkeley. Alterations.
Owner.....Jacob G. and Jennie Wendering, 1911 Addison, Bkly.
Architect ...None.
Contractor..J. Wendering, 1911 Addison, Berkeley. COST, $500

ALTERATIONS
(376) NO. 2321 McKINLEY AVE., Berkeley. Alterations.
Owner.....Jacob G. and Jennie Wendering, 1911 Addison, Bkly.
Architect ...None.
Contractor..J. Wendering, 1911 Addison, Berkeley. COST, $500

ALTERATIONS
(377) NOS. 2329-31 McKINLEY AVE., Berkeley. Alterations.
Owner.....Jacob G. and Jennie Wendering, 1911 Addison, Bkly.
Architect ...None.
Contractor..J. Wendering, 1911 Addison, Berkeley. COST, $500

ADDITION
(378) NOS. 1436-38 JOSEPHINE, Berkeley. Addition.
Owner.....Emma J. Domin, 117 Liberty Ave., Berkeley.
Architect ...None.
Contractor..J. W. Bridenbecker. COST, $...

DWELLING
(379) NO. 2734 ASHBY AVE., Berkeley Two-story 8-room dwelling.
Owner.....M. P. Brasch, 5836 Ocean View Drive, Oakland.
Architect ...W. W. Dixon, 1844 5th Ave Oakland.
Day's work. COST, $...

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
352	Pond	Stewart	...
353	Same	Same	2000
354	Jenkins	Randlett	400

DWELLING
(352) NO. 3228 STERLING AVE., Alameda. One-story 6-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect ...None.
Contractor...
Central Ave., Alameda
COST $...

(...) NO. 1230 STERLING AVE., Alameda. One-story 5-room dwelling.
Owner.....
Ave., Alameda.
Architect ...None.
Contractor...
Central Ave., Alameda
COST $...

(...) NO. 2527 SAN JOSE AVE., Alameda. Addition.
Owner.....C. H. Jenkins, Piedmont.
Architect ...None.
Contractor..E. Randlett, 1534 Chestnut Alameda.
COST, $400

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Feb. 15, 1917—LOT 10 BLK 4 Map East Piedmont Heights Extension, Okd. Wickham Havens Inc as to improvements on leased property..

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Feb. 3, 1917—W MABEL 101 S Derby S 34xW 80, Bkly. William J Baker to whom it may concern. Feb. 3, 1917
Feb. 5, 1917—(1) W PERKINS 100 N Van Buren; (2) W Grand Ave 175 S Perry; (3) W Grand Ave 225 S Perry, Okd. V Z Rutherford and W M Greuner to whom it may concern .....Feb. 2, 1917
Feb. 5, 1917—PTN BLK BDED N BY Bristol; E by Third; S by University Ave and W by Second, Bkly. El Dorado Oil Works to Brode Iron Works.....Feb. 5, 1917
Feb. 5, 1917—LOT 5 BLK "C" Sheet No. 1, Lakewood Park, Piedmont. Clara Clawson to J F Rogers .....Jan. 25, 1917
Feb. 6, 1917—NEXT LOT W NO. 1015 Santa Clara Ave, Ala. Walter A Hesse and Christine Hesse to M E Hopper & Son.....Feb. 3, 1917
Feb. 7, 1917—N SIXTH 75 E Broadway N 100xE 100, Okd. C H King Estate Co to Alfred Olson..Feb. 2, '17
Feb. 8, 1917—LOT 7 BLK "A" Sheet No. 1, Lakewood Park Tract, Okd. Alfred Cords to whom it may concern.....Feb. 6, 1917
Feb. 8, 1917—LOT 14 BLK "A" Map Waterside Terract, Ala. Mark T Cole to whom it may concern.....Feb. 7, 1917
Feb. 8, 1917—LOT 5 BLK "A" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....Feb. 7, 1917
Feb. 8, 1917—(1) SW SECOND AND Franklin 100x75; (2) S Second bet Broadway and Franklin 28x75, Okd. The Fruit & Produce Realty Co to E Axx...
Feb. 9, 1917—LOT 1 BLK 1 Map Dwight Way Gardens, Bkly. Raymond H ... Co
Feb. 9, 1917—LOTS 14 AND 15 BLK 5 Map ... County. C L Porter to Axel Carlson
Feb. 9, 1917—PTN LOTS 6 AND 7 Blk "D" Oakland Highlands, Okd. Andrew Anderson to whom it may concern ...

Feb. 10, 1917—LOT 102 4th Ave Terrace Ext, Okd. Esther S Goodwin to E W Woodard.....Feb. 10, 1917

Feb. 10, 1917—LOT 11 BLK 9 Reshdvn Blks 9, 10, 11, 12, 13, 14 and Ptn Blk 16, Rock Ridge Terrace, Okd. Blake Bros Co to whom it may concern.....Feb. 10, 1917

Feb. 10, 1917—LOTS 4 AND 5 Map Sbdvn Part Lot 1 Lands Brooklyn Land Co, Okd. Samuel G Willson to whom it may concern.....Feb 5 1917

Feb. 13, 1917—LOT 6 BLK "G" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....Feb. 9, 1917

Feb. 13, 1917—E ARCH 100 N Eunice N 50xE 135, Bkly. Bertha A Snell to H W Taylor.....Feb 9, 1917

Feb. 13, 1917—NOS. 1619-21-23-25 Eighth Ave, Okd.. Claribel Williams for Geo R Williams to Harry C Knight.....Feb. 1, 1917

Feb. 14, 1917—S FIFTY-FIFTH 193.84 W Grove W 40xS 125, Okd. E C Ambrose to H M Barnett.Feb. 14, 1917

Feb. 14, 1917—LOT 5 BLK "F" Sheet No. 1 Map Excelsior Heights, Okd. W A McLeod to M I Diggs.....Nov 2, 1916

Feb. 14, 1917—S UNIVERSITY AVE 140 W Grove W 50xS 138, Bkly. Court University A. O. F. Hall Association to Jacob House.....Feb. 13, 1917

Feb. 15, 1917—LOT 24 BLK 13 Map Thousand Oaks, ——. Florence H Cotrel to C A Davis.. .Feb. 15, 1917

Feb. 15, 1917—(1) N THIRD 75 E Franklin 75x . (2) E Franklin 50 S Second 75x—; (3) SE Second and Franklin 50x75, Okd. F N Diehl to A D Nelson.....Feb. 13, 1917

Feb. 15, 1917—LOT 21 BLK 7 Berkeley Heights, Bkly. Ernest C Douglas to whom it may concern.....Feb. 10, 1917

Feb. 15, 1917—LOT 23 BLK 17 Map Blks 17, 18, 19 Thousand Oaks, Oakland Tp. Alphonse Dupern to Frank S Spring.....Feb. 15, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Feb. 1, 1917—W SAN PABLO AVE 133.295 S S line right of way S F O T Railway SW 177.77 NW 57.735, Albany. J A Fagerstrom vs J A Westman and N L Nielsen Jr..$1964

Feb. 7, 1917—N E-TWELFTH 100 E 13th Ave E 75xN 200, Okd. J Henry Bruecker vs J E Davis.....$67.50

Feb. 8, 1917—LOT 4 BLK "E" Map Excelsior Heights, Okd.. Panama Lumber & Mill Co vs F N Strang, Oakland Investment Co, J C O'Connor, J R Elrod and Realty Syndicate Bldg.....$98

Feb. 8, 1917—W SANTA CLARA AV 2.10 N Crescent N 40.07 SW 82.90 SE 40 NE 85.45, Okd. Oakland Plumbing Supply Co vs Ludwig W and Josephine Andersen, Chas P and Jane Doe Eggleston, Mrs Esther F Crowell, John Doe and Richard Roe.....$180 50

Feb. 8, 1917—W SANTA CLARA AV 82.22 N Crescent on curve to right 40.09 SW 82.90 SE 40 NE 85.45, Okd. Oakland Plumbing Supply Co vs Ludwig W Andersen, Josephine Andersen, Chas P Eggleston, Jane Doe Eggleston, B H Belden, Ada M Belden and Richard Roe.....$102.90

Feb. 8, 1917—LOT 6 Map Gorrill Glen, Oakland. John P Maxwell (Maxwell Hardware Co) vs C M Dean and James Haberlin.....$38

Feb. 10, 1917—NW OAKLAND AVE 37.50 SW San Carlos Ave SW 37 NW 90, Piedmont. John P Maxwell vs David G and Lona V Duncan.....$94 32

Feb. 10, 1917—NW OAKLAND AVE 111.50 SW San Carlos Ave SW 36 NW 90, Piedmont. John P Maxwell vs David G and Lona V Duncan.....$98.56

Feb. 10, 1917—W SANTA CLARA AV 2.10 N Crescent N 40.07 SW 82.90 SE 40 E 85.45, Okd. . W J Rigney (Oakland Mantel Co) vs L W Anderson.....$36

Feb. 10, 1917—NW OAKLAND AVE 74.50 SW San Carlos Ave SW 37 NW 90 NE 36 SE 90, Piedmont. John P Maxwell vs Sylvia L and Thomas J Thompson.....$94.32

Feb. 14, 1917—LOT 21 BLK 3 Map Key Route Terrace No. 2, Albany. California Door Co vs W B White and H A Brown.....$63.85

Feb. 15, 1917—W MUIR AVE 164.01 S Lafayette Ave S 95 W 150 N 95 E 100, Piedmont. Royal Floor Co vs White Bros and William G Volkmann.....$137

SAN JOSE AND THE SANTA CLARA VALLEY.

HIGHWAY CONSTRUCTION — Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, R. K. West, 1278 45th avenue, S. F. Owners, Santa Cruz Co. Mr. West has been selected by the County Good Road officials to assist them in routing and estimating the cost of the roads to be constructed throughout Santa Cruz County.

HIGHWAY IMPROVEMENT — Cost not stated. Hollister, San Benito Co., Cal. Engineer, County Surveyor, Hollister. Owners, San Benito County. At the last meeting of the County Supervisors, County Engineer W. A. Winn was instructed to prepare plans and specifications for the laying of a wearing surface on the Hollister-Bird Creek bridge about two and one-half miles south of Hollister, and for the Tres Pinos-Paicines bridge about two miles south of Tres Pinos. The plans and specifications to be ready for action by the board at the meeting on March 5th.

GARAGE—1 story and base, reinforced concrete. Cost not stated. San Mateo, San Mateo Co., Cal. Architect, Will H. Toepke, 46 Kearny street, S. F. Owner, B. A. Peckman, leased to Ford agent. Location, 4th avenue and B street. Plans complete and contract to be awarded shortly.

CULVERTS — Reinforced concrete. Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor Neuman, Redwood City. Owners, San Mateo County. The County Supervisors have directed County Engineer Neuman to prepare plans and specifications for the construction of a concrete culvert at Cascade Creek in the township of Supervisor Thompson. Bids will be called for at the next meeting of the County Board.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Plans and specifications prepared by the County Surveyor for the construction of a reinforced concrete bridge on the Foxworthy road over Ross Creek have received the approval of the Santa Clara Supervisors and the Clerk has been instructed to receive bids for the construction up to March 5th at 10 a. m. Plans and further information may be had from the County Clerk

BUILDING CONTRACTS

SANTA CLARA COUNTY.

DWELLING

BENTON ST., Santa Clara. All work for six-room dwelling.

Owner.....John J. Jones

Architect ...None.

Contractor..Geo Lindblom, 519 W-San Carlos St., San Jose.

Filed Feb. 8, '17. Dated Feb. 7, '17.

Frame up.....$820
Plaster done.....820
Accepted.....820
Usual 35 days.....820

TOTAL COST, $3280

Bond, $1640. Sureties, O. E. Schnabl and W. T. Lloyd. Limit, 80 days from date. Forfeit, none. Plans and specifications filed.

DWELLING

PART LOT 3 OF MARY PARKER Homestead Tract on Saratoga Ave. All work for two-story dwelling.

Owner.....Caroline A. and Mary F. Potter

Architect ..None.

Contractor..John Rodoni

Filed Feb. 7, '17. Dated Jan. 23, '17.

Frame up.....¼
Plaster on.....¼
Accepted.....¼
Usual 35 days.....¼

TOTAL COST, $2965

Bond, none Limit, 90 days after Feb. 1. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED

Feb. 1, 1917—SECOND ST, bet. Santa Clara and St. John Sts., San Jose. J A McCarley to J H Miller.....Jan. 24, 1917

RELEASE OF LIENS

SANTA CLARA COUNTY.

RECORDED AMOUNT

Feb. 7, 1917—LOT 4 Stevens vs Wiseman Partition. Vincent Terranova to G Giannini.....$117

BUILDING CONTRACTS

SAN MATEO COUNTY.

MAUSOLEUM

HOME OF PEACE CEMETERY, Colma. All work for mausoleum.

Owner.....Dr. Albert Abrams, 291 Geary, San Francisco.

Architect ...None.

Contractor..D. Tosi, 1273 Broadway, San Francisco.

Filed Feb. 14, '17. Dated Feb. 10, '17.

Foundation completed.....$ 500
When completed.....1500
Usual 35 days.....1500

TOTAL COST, $3500

Bond, none Limit 100 days Forfeit, plans and specifications, none

FRAME RESIDENCE
PTN LOT 95, San Mateo Park, San Mateo. All work for two-story frame and plaster residence.
Owner.....Ole Olsen, San Francisco.
Architect...Thomas M. Edwards, Bank Bldg., Burlingame.
Contractor..Charles Hutchings, 12th St., San Mateo.
Filed Feb. 6, '17. Dated Jan. 27, '17.
When framed $1500
When plastered 1500
When completed 1500
Usual 35 days.....1500
TOTL COST, $6000
Bond, $3000. Surety, London & Lancashire Indemnity Co. of America. Limit, 90 days. Forfeit, $5 per day. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED ACCEPTED
Feb. 6, 1917—LOT 3 BLK 87, Eastern Addition to Redwood City. Mary E Hulings to whom it may concern .....Feb. 1, 1917
Feb. 6, 1917—ALMENDRAL TRACT, Atherton. Angel Guirola to Thomas Elam & Son.....Completed ——

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 5, 1917—SWIFT AND WALKER Aves, South San Francisco (highway). Santa Cruz Portland Cement Co. $2,201.52; Standard Portland Cement Corporation, $365.92 vs Ransome Crummey Co.....

RELEASE OF LIENS

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 2, 1917—LOT 11 BLK "B" First Addition to Huntington Park. A A Lo Reaux to Emma Kidd.....$49.50

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

STREET IMPROVEMENTS — Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer, Richmond. Owners City of Richmond. City Engineer Chapman has completed plans and specifications for the improvement of 6th street across the Oakland branch of the Santa Fe and for the improvement of an alley north if Barrett, between 5th and 6th streets. On approval of the plans by the Council bids will be called for.

STREET IMPROVEMENTS—Cost not stated. San Rafael, Marin Co., Cal. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. Bids will be opened on March 5th at 8 p. m. for covering the existing macadamized roadway of G street, between West End avenue and 5th avenue; 5th avenue, from G to H street; H street, from 5th to Forbes avenue; Grand avenue, from 4th to Highland avenue; B street, from 1st to Bay View street, with a bituminous wearing surface.

INCINERATOR — Cost as follows. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Helms & Meyer, representing Lea's Incinerator Co., have consulted with Mayor James Roney of Vallejo relative to constructing an incinerator in Vallejo. The incinerator company will erect a $15,000 plant without cost to the city. The matter is now in the hands of Mayor Roney and Commissioner of Public Health and Safety J. R. Wilson.

RESIDENCE — 1 story and base, frame, $3,000. Walnut Creek, Contra Costa Co., Cal. Architect, J. A. White, Central Bank Bldg., Oakland. Owner, C. R. Peck. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

LODGE HALL—3 story and base, brick and steel. Cost not stated. Vallejo, Solano Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Hall Association. Location, northwest Main and Vallejo streets. Will contain lodge halls, banquet rooms and offices. Plans complete and figures being taken from selected contractors only.

AUDITORIUM—1 story and balcony, steel and frame. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owners, City of Richmond. The architect has submitted preliminary sketches to the City Council for a municipal auditorium. Further details will be given when official action has been taken on the matter.

RESIDENCE — 1 story and base, frame, $2,500. Inverness, Marin Co., Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, Miss Atkins. Location, Inverness. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

STORES AND APARTMENTS — 2 story and base, frame, $5,000. Ross Valley, Marin Co., Cal. Architects, SesirmerBugbee Co., Dalziel Bldg., Oakland. Owners, Ross Investment Co. Will contain stores on the first floor and a number of two room apartments above. Plans complete and figures being taken.

DAM CONSTRUCTION — Reinforced concrete. Cost not stated. San Rafael, Marin Co., Cal. Engineer, Chief Engineer, San Rafael. Owners, San Rafael Marin Water District. At the last meeting of the Municipal Water Board of San Rafael the engineer reported that the plans and specifications for the Alpine dam would be ready by the next general meeting, so that the Directors may advertise for bids. A contract for clearing the dam site and building a road in connection with this work has already been let by the Directors.

THEATRE, STORES AND APARTMENTS—2 story and base, reinforced concrete, $30,000. Napa, Napa Co., Cal. Architect ,L. M. Turton, Napa. Owners, John and Samuel Garibaldi. Location, Main street. Will contain two stores, a theatre seating 1,000 people and four apartments. Plans complete and figures being taken.

Contract Awarded.

CLEANING DAM SITE, ETC Cost not stated. San Rafael, Marin Co., Cal. Engineer, Chief Engineer, San Rafael Owners, Marin Municipal Water District. Contractor, A. J. Fairbanks, Willits. Contract price not stated

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Feb. 13, 1917—SAN RAFAEL S H Herzog and E S Rake to J A Koppenmann..... Feb. 9 '17.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

[illegible] IMPROVEMENTS [illegible] Tait Kern Co. Cal. Engineer [illegible] Tait. Owners, City of Tait. Paving of Tait's street and the [illegible] of curbs and sidewalks [illegible] by the Board of Trustees will [illegible] the $100,000 mark by $17,000 or better, according to Expert Edward Lester of Glendale, who has spent the past two months with his engineers [illegible] grades and making estimates relative to probable costs. The preliminary plans for the work in a rough way are as follows: Center street, from east city limits to Third street, 20 feet wide; Sixth to west city limits, 20 feet wide; Third to Sixth, full width, curbing and sidewalks. Kern street, 16-foot parking allowed for each side. Light paving to be used. Curbing and sidewalks. Main street, paved full width; 3rd to 5th, paved 20 feet, otherwise curbing and sidewalk on north side only. Sixth street, from Center street to county highway below San Emidio street, heavy paving through center of street 20 feet wide, light paving on each side of curbing. Fourth street, from Main street to North street, full width with heavy paving, curbing and sidewalks.

STREET PAVING — Cost as follows. Merced, Merced Co., Cal. Engineer, City Engineer, Merced. Owners, City of Merced. Plans and specifications of City Engineer C. D. Martin, for the proposed street paving to be done in the city this spring were formally adopted by the City Trustees at their last meeting, also the estimate of costs, which places the figure for the improvement at $49,500. The specifications provide for pavement with a 5-foot concrete base on K street and other streets and alleys.

HIGHWAY GRADING—Cost not stated. Madera, Madera Co., Cal. Engineer, County Surveyor, Madera. Owners, Madera County. Bids will be opened on March 5th at 2 p. m. for grading Frizelle road from station in section 16 to station 84, more or less in section 3, as per map of Frizelle road, in Road District No. 4.

HIGHWAY IMPROVEMENTS — Cost as follows. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. At a meeting of the Board of Supervisors, which continued late into the night, contracts were awarded for $221,420 worth of highway construction, including twelve reinforced concrete bridges and seventeen reinforced concrete siphons. A complete list of the contracts awarded follow: Proposition 1—Bordwell & Zimmerman, three reinforced concrete bridges on Hughson-Turlock road, and four reinforced concrete bridges on the Crows Landing road. Contract price, $9,750.

Proposition 2 Thurston & Co. Mechanics' Institute Bldg., S. F., one reinforced concrete bridge on each of the following roads: Beckwith road, over lateral No. 4; Maze road, over lateral No. 4; Carmichael road, over lateral No. 3; Waterford road, over lateral No. 1, and Cooperstown road, over Dry Creek. Contract price, $8,230.

Proposition 3 Helm & Meyer [illegible] reinforced concrete [illegible] Contract price, $5,780. Contractor's address below).

Proposition 1, W. V. Kettlewell & Son, 3.7 miles of concrete road known as the Keyes road, $7,700 and 6.58 miles of concrete road known as the Hughson road, $11,300. A bid of $1.65 per foot for pipe was also accepted.

White & Gaskill, 6.25 miles of concrete road, beginning at the State highway near Ceres cemetery and thence east to a point about 1 mile east of the town of Hughson, $54,000. Pipe, $1.50 and excavating 40c

Proposition 6, Lyle S. Atkinson, 4.1 miles of concrete road known as the Beckwith road, $[illegible] and 3.7 miles of concrete road known as the Carmichael road, $26,000. Pipe, $1.50 and excavating 40c

Thurston & Co.'s bid was conditional, containing a proviso of all or none of the bridges.

Note—Addresses of contractors are as follows: Kettlewell & Son, Kingsburg; White & Gaskill, Long Beach; L. S. Atkinson, Los Angeles Investment Bldg., Los Angeles.

STREET PAVING—Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, City Engineer, Modesto. Owners, City of Modesto. The City Council has directed the City Clerk to advertise for bids for the paving of 11th street, from K to L and L from 9th to 10th streets. Bids will be opened at the next meeting of the Council..

STREET PAVING—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield The bid of Thompson Bros., 1514 H street, Fresno, for paving the alley running from C to D streets, between Truxton avenue and 17th street, was rejected by the City Council and new bids ordered received.

ROAD ROLLER—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Bids will be opened on March 7th at 11:30 a. m. for one road roller for the use of the superintendent of permanent roads. Bids will be received for new or second hand roller, but the latter must be in first class condition.

CHURCH—2 story and base, reinforced concrete, $30,000. Merced, Merced Co., Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, Roman Catholic Church. Will contain main auditorium, Sunday school rooms and study. Plans complete and figures being taken.

BANK ALTERATION—2 story brick, Cost not stated. Modesto, Stanislaus Co., Architect, R. F. Felchlin, Rowell Bldg., Fresno. Owners, Bank of Italy. Location, Tenth and I streets. Work will consist of interior and exterior alterations. Plans being prepared.

BANK ALTERATION—2 story, brick, $15,000. Modesto, Stanislaus Co., Cal. Architect, none. Owners, California National Bank. C. F. Haas of the Hermann Safe Co., 216 Fremont street St., San Francisco, is taking figures for extensive alterations to be made to the building at the corner of 10th and J streets. The work includes the following: Interior fixtures, counters, etc, mahogany, ornamental bronze, marble, painting and decorating, plain and ornamental plaster, hardwood floors, rubber tiling, cork carpet, plumbing nad plumbing fixtures, electric work and lighting fixtures, heating and ventilating oil burning furnace, concrete vault work and an ornamental marquise.

BRIDGES AND ROAD WORK—Cost not stated. Modesto Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The County Supervisors have ordered bids received for the following work: Newman-Westley road, 9.464 miles. Crows Landing road, 9.114 miles and Grayson road 4.005 miles; Glendora road, 7.483 miles; Waterford road, between Empire and Waterford, 7.771 miles; Crows Landing road, south from Glendora, 8.73 miles; Oakdale—Oakdale-Thalheim and Oakdale-Waterford road, total of 7,009 miles; Denair road, 3,810 miles, and Irwin City road, 2,208 miles. Bids will be opened at the March meeting. Bids will also be opened in March for sixteen reinforced concrete inverted siphons on the Grayson, Glendora, Irwin City and Denair roads, and for three concrete bridges on the Glendora, Irwin City and Oakdale-Thalheim roads. Bids for construction of a steel truss bride across Littlejohn Creek on the Eugene road, nine miles northeast of Oakdale, were authorized for advertisement and will be opened at the same meeting. This bridge is 100 feet long. Plans and further information may be had from the County Clerk.

SCHOOL—1 story and base, frame. Cost not stated. Bakersfield, Kern Co., Cal. Architect, T. B. Wiseman, 1933 Chester avenue, Bakersfield. Owners, City of Bakersfield. Location, East Bakersfield. Will contain four class rooms. Plans complete and figures being taken. Bids close on March 15th.

SCHOOL—2 story and base. Class C construction. Cost not stated. Bakersfield, Kern Co., Cal. Architect, T. B. Wiseman, 1933 Chester street, Bakersfield. Owners, City of Bakersfield. Location, Chester Lane and A street (known as the McKinley School). Will contain eight class rooms and an auditorium. Plans complete and figures being taken. Bids will be opened on March 15th.

WATER MAIN EXTENSION—Cost as follows. Hanford, Kings Co., Cal. Engineer, City Engineer, Hanford. Owners, City of Hanford. The City Board of Trustees has ordered the issuance of $44,000 in bonds with which to finance the construction of fire main extensions and improvements. The Clerk of the Board was instructed to secure a map from the Gamewell Fire Alarm Company showing the system planned for the system in order that plans for the installation of the fire main extensions may be started.

BUILDING CONTRACTS

FRESNO COUNTY.

BRICK APARTMENTS
LOTS 12 AND 13 BLK 65, Fresno. All work for brick apartments.
Owner.....Geo. Schorling, 2124 Stanislaus St., Fresno.
Architect ...None.
Day's work. COST, $40,000

GARAGE, ETC.
BLK 165, Fresno. Garage and greenhouse.
Owner.....Dr. Maupin, Patterson Blk Fresno.
Architect ...None.
Contractor..A. Allen, 259 Blackstone St., Fresno.
COST, $4100

DWELLING
LOTS 19 AND 20 BLK 3, Kearney Blvd. Heights, Fresno. Dwelling.
Owner.....K. B. Heights Co., 2034 Tulare St., Fresno.
Architect ...None.
Contractor..H. T. Humphreys, 534 Poplar St., Fresno.
COST, $2500

DWELLING
LOT 13 BLK 6 Cedar Park, Fresno. Dwelling.
Owner.....Thomas Montgomery.
Architect ...None.
Contractor..Reese & Atkins, 743 Weldon St., Fresno.
COST, $1200

DWELLING
LOTS 17 AND 18 BLK 25, Fresno. Dwelling.
Owner.....L. Todisco, Fresno.
Architect ...None.
Contractor..J. G. Renna, Fresno.
COST, $1000

DWELLINGS, ETC.
LOTS 1 TO 8 BLK 39 Alta Vista Tract, Fresno. All work for eight dwellings and 4 garages.
Owner.....Alta Vista Homes Co.
Architect ...None.
Contractor..W. H. Ackerman, 3rd and Huntington Sts., Fresno.
COST, $14,200

MACHINE SHOP
NORTH END S. P. RAILROAD RESERvation, Fresno. Machine shop.
Owner.....Associated Pipe Line Co., Rowell Bldg., Fresno.
Architect ...None.
Day's work. COST, $1500

NOTICE OF NON-LIABILITY.

FRESNO COUNTY.

Jan. 8, 1917—NE ¼ OF SEC 25 11-23, Fresno. Thos B Lacy as to improvements on leased property...
Feb. 7, 1917—LOTS 1 TO 4 BLK 14, Coalinga. Santa Cruz Bank, Savings & Loan Co as to improvements on leased property.....

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

IRRIGATION WORK—$280,000. Paradise, Butte Co., Cal. Engineer, I. S. Goodner, Paradise City. Consulting Engineer, Stephen E. Kieffer, Mechanics' Institute Bldg., S. F. Owners, Paradise Irrigation District. Consulting Engineer Stephen E. Kieffer states that bids will be called for in April for about $280,000 worth of work in the Paradise District in Butte County. Work will consist of an earth dam, hydraulic fill being used and the construction of approximately 30 miles of main pipe line. Both steel riveted and wood stave pipe will be bid on. Pipe to be used will vary from 3 inches to 35 inches.

LIBRARY—1 story and base, reinforced concrete, $9,400. Alturas Modoc Co., Cal. Architect, F. D. De Longchamps, Reno, Nev. Owners, Town of Alturas. Contractors, L. M. and Charles Kerr, Alturas. Contract price, $9,400.

HIGHWAY CONSTRUCTION — Cost not stated. Eureka, Humboldt Co., Cal. Engineer, County Surveyor, Eureka. Owners, Humboldt County. The County Supervisors have ordered bids received for the construction of a section of four miles of the Lord-Ellis road. Plans and further information may be had from the County Clerk.

BRIDGES—Reinforced concrete. Cost not stated. Yreka, Siskiyou Co., Cal. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, Siskiyou County. The Board of Supervisors has authorized the State Highway Commission to build concrete bridges over Little Castle, Greenhorn and Yreka Creeks, south of Yreka on the line of the State highway. That portion was taken over by the State last fall and is now partly graded. The Highway Commission agreed to build the bridges at cost and deduct engineer's commission.

BRIDGE—Steel and concrete. Cost not stated. Sacramento, Cal. Engineer, Chief Engineer Wythe, Mills Bldg., S. F. Owners, Western Pacific R. R. The Western Pacific Railroad Co. will replace its bridge over the American River entering Sacramento as soon as the high water is over, which will be in May or June. Plans prepared by Chief Engineer Wythe show a steel structure consisting of three spans, each 200 feet long, an 80-foot approach, two large reinforced concrete piers and the usual concrete abutments. The bridge is designed for a single track.

BRIDGES—Reinforced concrete and steel. Cost not stated. Eureka, Humboldt Co., Cal. Engineer, County Surveyor, Eureka. Owners, Humboldt County. Plans for two new bridges were ordered prepared at the last meeting of the County Supervisors. County Surveyor Arthur J. Logan states that one structure will be erected to replace the present bridge across Eel River at Alder Point, and another over the Trinity River (exact location not mentioned of the latter structure). Bids will be called for shortly on both projects.

STORES—1 story and base, frame. Cost not stated. Eureka, Humboldt Co., Cal. Architect, Newton Ackerman, Eureka. Owner, Harry P. Vance. Location, northeast Fifth and E streets. Will contain three stores. Plans being prepared.

DEPARTMENT STORE ADDITION—1 story, brick and steel, $60,000. Sacramento, Cal. Architect's name not given. Owners, Weinstock-Lubin Co., Sacramento. Location, 4th and L Sts. A San Francisco engineer and a Sacramento architect will associate in preparing plans for this work. The new addition will add 32,000 square feet to the present building. Plans are being prepared.

PUMPING PLANTS—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Plans and specifications for the construction of two pumping plants at the northwestern and southwestern extremities of the city were adopted by the City Council at their last meeting. The one for the northern portion of the city will be constructed at Orange street and Smith Canal and that in the southwestern portion is to be situated on the west side of the French Camp turnpike, east of the concrete bridge over Powder Slough. These two pumping plans are to take care of the sewage from this city when the new septic tanks are installed. The choice between the Imhoff and Castner systems is still pending. Bids for the construction will be called for shortly.

LAYING WATER MAINS—Cost not stated. Grass Valley, Nevada Co., Cal. Engineer, City Engineer, Grass Valley. Owners, Grass Valley. The City Trustees announce that all rights of way for pipe lines to be used in connection with the water project here have been adjusted and actual work on the system will be commenced shortly. The matter has been hanging fire over two years. It is proposed to pipe the water through the Prisk Orchard Tract as an expedient for clear water.

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Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries

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Phone Main 993 **515 J. St., Sacramento**

Contract Awarded.

LODGE HALL—2 story, reinforced concrete, $12,960. Davis, Yolo Co., Cal. Architect's name not given. Owners, Davis Masonic Temple Association. Contractor, Del Fenton, Woodland. Contract price, $12,960.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

MARKET
NO. 316 K ST., Sacramento. Install fixtures and refrigerator machinery for market.
Owner.....Donnelly & White, Sacramento.
Architect...None.
Day's work. COST, $6000

FRAME APARTMENTS
EIGHTH AND N STS., Sacramento. All work for three-story plastered exterior frame apartment house.
Owner.....Dr. F. B. Sutliff, 801 N St., Sacramento.
Architect...None.
Contractor..G. E. Harvie, 2212 T St., Sacramento.
COST, $8000

NO. 1130 T ST., Sacramento. Remodel dwelling.
Owner.....Mrs. E. Kraut, Sacramento.
Architect...None.
Day's work. COST, $800

NO. 1819 TWENTIETH ST., Sacramento. Remodel dwelling.
Owner.....G. Schaad, Premises.
Architect...None.
Contractor..M. G. Burnside.
COST, $1000

GARAGE
NO. 1618 FIFTEENTH ST., Sacramento. Garage.
Owner.....M. K. Kelly, Premises.
Architect...None.
Day's work. COST, $700

GARAGE
NO. 1317 H ST., Sacramento. Garage.
Owner.....F. C. Wallner, 1315 H St., Sacramento.
Architect...None.
Day's work. COST, $500

ALTERATIONS
NO. 1017 EIGHTH ST., Sacramento. Alterations. Tile wall partition in basement and build new entrance to
Owner.....Clunie Estate.
Owner.....Cluile Estate.
Architect...None.
Contractor..F. W. Johnston, 2000 I St., Sacramento.
COST, $600

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Feb. 9, 1917—RAILWAY BRIDGE over American River, Sacramento. John P Coghlan, Receiver Northern Electric Railroad Co to Missouri Valley Bridge & Iron Co. Feb. 5, 1917

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

TILE WORK
COR. SAN JOAQUIN AND MAIN STS., Stockton. Interior tile work for 9-story Class "A" bank and office bldg.
Owner.....Farmers & Merchants Bank, Stockton.
Architect...Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor..Mangrum & Otter, 561 Mission, San Francisco.
Filed Feb. 8, '17. Dated Feb. 1, '17.
On 15th of each month 75%
36 days after..... Balance
TOTAL COST, $3247
Bond, $1573.50. Surety, National Surety Co. of New York. Forfeit, all damage to building. Limit, none. Plans and specifications filed.

BRICK BUILDING
CENTRAL AVE, bet. 7th and 8th Sts., Tracy. All work for two-story brick Municipal building, 44x66.
Owner.....City of Tracy.
Architect...Sala & Mayo, 711 Commercial Sugs Bank Bldg., Stockton.
Contractor..Johnson Bros., Tracy, Cal.
COST, $9574

LOS ANGELES AND SOUTHERN CALIFORNIA.

LODGE HALL, 4 story and base, brick, $30,000. Hollywood, Los Angeles Co., Cal. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owners, Hollywood Masonic Temple Association. Will contain lodge halls and banquet rooms, offices and some living apartments. Plans being prepared.

HOTEL—Class A construction, $100,000. Tucson, Ariz. Architect, John Parkinson, Title Insurance Bldg., L. A. Owners, Messrs. Grier and Buckingham. Only preliminary plans have been prepared and detailed information is not available at this time. Further mention will be made of the work.

STORES AND LOFTS—8 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, J. J. Haggerty, leased to the New York Cloak and Suit House. Location, Grand avenue, covering an area of 40 by 125 feet. Will contain retail and wholesale departments. Plans complete and figures for foundation work now being taken. Balance of the work to be figured shortly.

BRIDGE—Steel and concrete, $13,131. Seeley, Imperial Co., Cal. Engineer, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. Contractors, Mercereau Bridge and Construction Co., Pacific Electric Bldg., L. A. Contract price, $13,131, which does not include approximately $6,958 worth of material to be furnished by the State.

PORTLAND AND OREGON.

FACTORY—4 story and base, mill construction. Cost not stated. The Dalles, Ore. Architect's name not given. Owners, Wittemberg-King Co. The Dalles. Will cover an area of 120 by 180 feet. Brick walls with metal sash and glass exterior. Plans being prepared and figures to be called for shortly.

HARBOR DREDGING MACHINERY ETC.—Cost as follows. Astoria, Ore. Engineer, Port of Astoria Commission, Astoria. Owners, City of Astoria. Bids for the dredging machinery which the Port of Astoria Commission expects to purchase were opened and rejected. There were only two bids submitted and both were considered too high. The bids were: Ellicott Machinery Corporation Baltimore, $212,0000; Zimmerman-Wells-Brown Co., Portland, $166,800. These bids were for the main dredge machinery only and do not include pontoons, pipe lines and other accessories.

EVAPORATOR—2 story, brick, mill construction or reinforced concrete, $90,000. The Dalles, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland Owners, Wittenburg-King Co. Will cover an area of 150 by 200 feet. Plans are being prepared.

CLUB HOUSE—2 story and base, concrete, brick and frame, $100,000. Portland, Ore. Architects, W. W. Lucius and Charles B. Martin, Lewis Bldg., Portland. Owners, Laurelhurst Club. Location, Laurelhurst avenue, covering an area of 85 by 140 feet. This work has been mentioned here before. At that time only about $40,000 was available, but since additional fund have been secured and a larger building is being provided.

SCHOOL, 2 story and base, brick and concrete, $35,000. Corvallis, Ore. Architect, Charles H. Burgraff, Albany. Owners, City of Corvallis. Will cover an area of 62 by 140 feet and contain eight class rooms. Plans are being prepared.

Contract Awarded.

SEWER CONSTRUCTION — $302,800. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. Contractors, J. F. Shea and William Lind, Portland. Contract price, $302,800.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—5 story and base, brick and frame, $70,000. Seattle, Wash. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner's name withheld. Location, 5th avenue and Lenora street, covering an area of 60 by 120 feet. Will contain 57 apartments of two and three rooms. Plans complete and figures to be called for shortly.

GRAIN ELEVATOR — Reinforced concrete, $100,000. Seattle, Wash. Engineer, Chief Engineer Nicholson, Beet Street Dock, Seattle. Owners, City of Seattle. Plans for the new addition to the municipal grain elevator are now complete and figures will be called for shortly. The addition will add a storage capacity of about 500,000 bushels to the present elevator.

HOSPITAL—5 story and base, reinforced concrete and steel, $250,000. Spokane, Wash. Architects, E. J. Baum and Kirkland Cutter, Spokane. Owners, Spokane Deaconess Hospital, M. W. Higley, President Hospital Board. Will cover a ground area of 200 by 42 feet with an 88-foot wing. Besides the wards and private rooms, the building will contain operating rooms, offices and nurses' quarters. Plans are being prepared.

HOTEL—5 story and base, brick and steel. Cost not stated. Chehalis, Wash. Architect, C. E. Troutman, Aberdeen. Owner, W. F. West, St. Helen's Hotel, Chehalis. Will contain in the neighborhood of 200 rooms, a large percentage of which will have private baths. Plans are being prepared.

WAREHOUSE—2 story and base, brick, $10,000. Selah, Wash. Architect, W. W. de Veaux, North Yakima. Owners, Yakima County Horticulture Union. Designed for a fruit storage warehouse. Plans are being prepared.

PACKING SHED—1 story, frame, $1,200. Harwood, Wash. Architect, W. W. de Veaux, North Yakima. Owners, Growers' Service Co. Designed for a fruit packing house. Plans being prepared.

Plans are also being prepared by the same architect for a one-story hollow tile addition to a fruit warehouse which will cost $2,500. The building is to be erected for the Growers' Service Co.

A two-story frame warehouse is also to be erected at Zillah and a one-story frame at Selah for the same owners from plans by Architect W. W. de Veaux. The former will cost $5,500 and the latter $2,000.

Contract Awarded.

SCHOOL—3 story and base, reinforced concrete, $89,759. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Contractors, Henrikson & Co., Globe Bldg., Seattle. Contract price, $89,759.

AWARD CONTRACT FOR ALAMEDA CO. GARAGE.

James H. Pedgrift Will Build Small Concrete Building for Alameda County Supervisors.

OAKLAND, Cal., Feb. 13th, 1917—Four sets of figures were received at Tuesday's meeting of the Board of Supervisors for the construction of a one-story reinforced concrete garage. James Pedgrift, 2232 11th Ave., Oakland, was awarded the contract on his bid of $7,445. Other bids were as follows:

Alameda County Garage.

James Pedgrift	$7,445
W. G. Thornalley	8,290
Peter N. Schmidt	8,177
R. W. Littlefield	8,315

CITY BIDS OPENED.

The following bids were received by the San Francisco Board of Public Works at their meeting on Monday for construction in San Francisco:

General Construction, Lavatories, Monroe School.

Ramie Fibre Co.	$2,557
L. Heckenroth	2,495
J. B. McSheehy	2,936
O. Monson	2,882
P. J. Lynch	2,765
David Graham	2,570

Contract awarded to L. Heckenroth.

Plumbing, Lavatories, Monroe School.

F. W. Snook	$3,293
Ramie Fibre Co.	3,476
J. E. O'Mara	3,457
H. Lawson	3,600
Burnham Plumbing Co.	4,233
Alex Coleman	3,367
J. H. Pinkerton	3,386
A. Lettich	3,137
Turner Co.	3,795
Robert Dalziel Jr.	3,897
Scott Company	3,785

Contract awarded to A. Lettich.

Copper Wire, Municipal Railway, Contract No. 92.

211,600 C. M. (grooved) per lb., John A. Roebling Sons Co., 42c; Telephone Elec. Equipment Co., 39.8.

168,100 C. M. (round) per lb., John A. Roebling Sons Co. 42c; Telephone Elec. Equipment Co., 39.6.

Allowance for M. T. reel, $5.

Awarded to Electric Equipment Co.

Hand Operated (7½) Ton Crane For Hetch-Hetchy Project, Contract No. 23.

Cyclops Iron Works $775

PETALUMA, Sonoma Co., Cal.—H. P. Vogensen has been awarded the contract to erect a large creamery building for Monetti, Larimer & Sollie of San Francisco on their property at the Nicasio cross roads and will commence work at once. The building will be a frame and corrugated iron structure and 40x60 feet in dimensions. Cement floors will be installed and the building will be sanitary and modern in every appointment.

ARGENTINA AS A NEW BUSINESS FIELD.

Dr. Tomas A. Le Breton, member of the Argentine Chamber of Deputies, is interested in a local firm that has issued a pamphlet containing in concise form considerable information regarding this country as a new business field for the United States. Dr. Le Breton is preparing to visit the United States for a study of some of the Governmental bureaus and institutions. In addition to furnishing statistical facts and general information regarding Argentina, he says in his pamphlet.

It must be held in mind that at the time war was declared there was in the Argentine a considerable stock of goods, and that on account of the difficulty in obtaining shipping space, the almost prohibitive rate of freight, and the rise in the prices of the goods themselves, commercial houses have abstained from buying more than the quantities required to fill immediate demands.

A bare glance at the statistics for 1913, 1914 and 1915 shows that North American commerce has already filled to a certain ertent the vacancy created by the exceptional circumstances through which we are passing, and also that there are many lines in which its trade with the Argentine Republic could be considerably augmented.

For many years the United States have only exported foodstuffs and raw materials, which are rapidly consumed. A credit of 30 to 90 days was usually granted to buyers, this being the approximate duration of a normal cycle of production. When manufactured articles are exported things vary considerably. Such articles are not consumed so rapidly as is the case with raw materials or foodstuffs, and hence the necessity of granting buyers a longer term for payment.

"AWAKENING OF BUSINESS."

"Awakening of Business" is the title of a 240-page book by Mr. Edward N. Hurley, published by Doubleday, Page & Co. for the associated advertising clubs of the world in the latter part of 1916. Mr. Hurley is chairman of the Federal Trade Commission, but in his preface assumes "personal responsibility for all the views expressed in this book," which are "in no sense those of the Federal Trade Commission." He starts out with a discussion of how American business men can help themselves. The 12 chapters showing how constitute the first half of the book. Part 2, 6 chapters of about 75 pages, is on "Government and Business." In the appendixes are set forth the Federal Trade Commission act and the provisions of the Clayton Act which concern the Federal Trade Commission.

There is a discussion of the biggest problems to be faced by American business men, and suggestions are given as to how to meet new and old difficulties. Mr. Hurley feels that the war in Europe has done much to arouse business in European countries and points out that if our business men are to hold their own in competition following the war a similar awakening is necessary in this country. Great stress is laid on the importance of cost accounting, in merchandising as well as in industrial production. In many respects Germany is held up as a model for American business to follow, and some interesting facts about the organization of business in Germany and other countries are given. There are several chapters on foreign trade, including some specific discussions of co-operation in the American export trade. This book is especially to be recommended to anyone interested in co-operation in business, in foreign trade, and the Government regulation of business. Naturally considerable space is given to the work of the Federal Trade Commission.

STATE WATER COMMISSION.

The Following Permits to Appropriate Water Have Been Granted.

C. T. Thomain and John Tueckert of Sawer's Bar: Three cubic feet of the waters of New Diggins Creek, tributary to the north Fork of Salmon Creek in Siskiyou County, for hydraulic mining purposes.

George W. Rice of Bayles: Three-eighths cubic feet of the waters of the North Fork of Shasta Creek, tributary to the Sacramento River, for the irrigation of thirty acres.

Mary J. Abbott of San Mateo: Three second feet of the waters of Long or Mud Springs in Lassen County for the irrigation of 240 acres by means of a ditch three-quarters of a mile long.

Annie C. Crosby of Chalfant: Two second feet of the waters of Piute Creek in Mono County for irrigation purposes on 160 acres.

Mary A. Finnerty Geft of Los Angeles: One-third of a second foot of the waters of a spring in a dry arroyo in that county to be developed by sinking a 16-inch well above an earthquake dyke for the irrigation of orchards. A pipe line 1700 feet long will carry the water to 40 acres.

Mrs. B. Graham of Colusa: Thirty-one second feet of the waters of the Sacramento River in Colusa County for the irrigation of rice. The water is to be diverted by means of a 20-inch centrifugal pump operated by a 100 H. P. electric motor, a 30-inch steel pipe line running from the pump to the river. The main canals will be two miles long and will irrigate 1104 acres. The estimated cost of the diversion is $5,500.

George J. Evans of Owenyo: Three separate permits to divert one-half a cubic foot from each of the following sources in Inyo County: Waricoba Springs and Lead Canyon Springs; Upper Warm Springs; and Indian and Squaw Creeks, same to be used on 40 acres of land.

Alden P. White, Alturas: One hundred and forty-six acre feet per annum of the waters of Ralston Creek flood area in Modoc County, tributary to the Pit River, for the irrigation of 190 acres by means of a ditch 2,230 feet long.

The Twenty-one Mining Company of Phoenix, Arizona, and Allegheny, California: One second foot of the waters of Grove Tunnel at the head of Buckeye Ravine in Sierra County, tributary to Kanaka Creek. A pipe line 2100 feet long will conduct the water to a quartz mine for gold mining purposes.

The Cheney Slough Irrigation Company of Colusa: One hundred and sixty-two cubic feet per second of the waters of the Sacramento River, for irrigation purposes, subject to the superior navigation rights of the United States. There will a pumping plant of two units electrically driven. One motor will be 300 H. P., driving a 36-inch centrifugal pump, and the other of 150 H. P., driving a 26-inch pump.

[illegible] to the [illegible] The estimated cost is $[illegible] and the acreage to be irrigated 10,663 acres.

Fred P. Nelson of Nelenburg: One second foot of the waters of an arm of [illegible] Riverside County for the irrigation of 80 acres, by means of a pump and ditch three-quarters of a mile long.

Harry Heath of San Fernando: Three and three-quarters miner's inches of a mountain spring in Los Angeles County for the irrigation of 33 acres. A pipe line 3,100 feet long will conduct the water to the land.

John H. Nichols of Oilfields: One and one-half cubic feet of the waters of El Segundo Creek in Fresno County for the irrigation of 120 acres.

Albert Reed of Longville: One and three-quarters inches of the waters of a spring at the head of Soda Ravine for the irrigation of two acres in Plumas County.

J. H. Ake of Davis Creek: Sixty-nine acre feet per annum of the waters of a watershed tributory to Goose Lake in Modoc County. By means of a ditch three-quarters of a mile in length, the water will be carried to 80 acres.

DEMAND FOR ELECTRICAL SPECIALTIES FOR SIAM.

In the city of Bangkok tumbler switches are generally used for house installations, although push-button switches are also found serviceable in places where they can be concealed in walls. For installations up to 20-30 amperes capacity separate porcelain cutouts with open-link copper or brass-tipped fuses are used, or the same fuses in connection with double-pole knife switches. However, a local electric company states that the open-link fuses are now being replaced by inclosed fuses and that it expects to use the latter in incleasing numbers for new installations. For capacities above 20-30 amperes inclosed fuses are employed almost exclusively, and those in use at present are according to the American national electric code standard. The company referred to informs the Bangkok consulate that it is a buyer of all the above-mentioned lines and the manufacturers' catalogues sent to it will receive careful consideration. (The catalogues may be addressed to the American Consulate Bangkok, Siam.)

Electrical goods and apparatus imported into Siam through the port of Bangkok during the five years ended March 31, 1916, had the following values: In the fiscal year 1911-12, $331,422; in 1912-13, $228,771; in 1913-14, $415,851; in 1914-15, $174,982; and in 1915-16, $252,050. The share of the United States in this trade during the last-named year was $46,951, against $23,637 in 1914-15.

Bangkok still remains the only city in Siam having electric light and power, but there has been much activity here lately in installing electric lighting in private houses, and all new buildings are now provided with electric lighting fixtures.

SWIMMING POOLS SHOULD BE KEPT SANITARY.

Public swimming pools should be kept in the most sanitary condition, in order that they may not be sources of

disease infection. The California State Board of Health is interested in the relation of such places to the spread of communicable diseases and desires that all public swimming pools and bath houses be placed under the Board's supervision. Not only should the water in these pools be of unquestioned purity, but the bathing apparel and towels should be cleaned, dried and stored in a sanitary manner. Life saving apparatus should be provided and measures to insure the safety of bathers should be adopted. The personal cleanliness of bathers should also be required.

During the past summer, several cases of communicable diseases, undoubtedly contracted in public swimming pools, came to the attention of the Board. The need of the sanitation of such places is apparent and it is proposed that all public swimming pools be required to operate under a permit from the Board. A bill, in which adequate provision for the safety of the bathing public is made, is now before the Legislature. Under the proposed measure, every necssary precaution for conserving the health of bathers in taken and if the bill becomes a law it is reasonable to believe that all who enjoy swimming or bathing in public pools may enjoy the sport in safety.

BELGIUM AND SOCIAL JUSTICE.

In 1914 Belgium had a large and intelligent body of workmen with a lively sense of their importance in Belgium society. They insisted on reforms, improvements, and social justice, and obtained them, but they overlooked the army and the guns. In fact they opposed guns and armies because they thought the military was not related to social justice. So Belgium had an army of 40,000 while Switzerland had one of 400,000. The German General Staff chose the Belgium route to Paris, and now the Belgian working classes have the social justice of Von Bissing **und Gott.** Switzerland, in her reforms and freedom, is as secure as ever.

Social justice must carry field glasses and don Khaki once a year.

—From "Life."

DEMAND FOR PAINTS AND OILS AT HONGKONG.

Hongkong, British China.—The demand for American paints and varnishes, especially zinc and lead paints, in the Hongkong market has increased in the past few months by the impossibility of securing any supplies in this line from Europe, while stocks of foreign paints in all South China ports have decreased to almost nothing except the fair amount of the American kinds so far imported. Native paints and oils have been adapted to immediate needs, but, in spite of that fact, and especially with regard to the trade for shipping, the need of further imports from the United States is apparent, and Hongkong importers are reaching out for American samples and quotations in a way never before experienced. As indicated in previous reports, particularly in the one published in Commerce Reports for May 15, 1915, there is especial need of paints manufactured for this market. The climatic conditions in Hongkong and South China are such that paints manufactured for the American trade are not suitable here, and British and other European manufacturers have been able to hold most of the trade here in previous years because the needs were studied and paints were manufactured especially for this market.

Prices of American and Other Paints.

Previous to the war American paints were about 10 per cent higher in price delivered here than the European make of the same grade, but when prices and qualities were equal the American product had a fair market and was accepted on its merit. How comparative prices will run between the American and European product after the war remains to be seen: but there seems to be no reason why, in some lines at least, American paints can not hold their own in this field indefinitely. In the meanwhile war conditions are affording American manufacturers an opportunity to introduce their products under most favorable circumstances.

AMERICA'S GREATEST YEAR IN FORLIGN TRADE.

American exports for 1916 reached the unprecedented total of $5,481,000,000. According to a statement issued recently by the Bureau of Foreign and Domestic Commerce, of the Department of Commerce, this exceeds the total for 1915 by $1,926,000,000 and the total for 1913 by $2,997,000,000. The exports for December are announced as $521,000,000, which exceeds the previous high monthly total by $5,000,000. The December average for the five years previous was $263,000,000.

Imports in 1916 aggregated 2,392 million dollars, also a record total. For 1915 the total was 1,779 million, and for 1912, the previous record year, 1,818 million. December imports were valued at 205 million dollars, indicating a continuation of the recovery which set in during September last following the sharp decline from the large total of 246 million for June. The December, 1915, total was 172 million and the December average from 1911 to 1915, inclusive, 153 million dollars.

The year's export balance was 3,089 million dollars, as compared with 1,776 million for 1915 and 2,456 for the five-year period from 1910 to 1914, inclusive. The December favorable trade balance was 316 million dollars, compared with 187 million for December, 1915, and 131 million for December, 1914.

The net inward gold movement for the year was 530 million dollars, also a new record. It compares with a net inward gold movement of 421 million in 1915 and a net outward gold movement of 165 million in 1914.

Gold imports in 1916 aggregated 686 million dollars, against 452 million in 1915 and 57 million in 1914. The corresponding gold exports were 156 million, 31 million, and 223 million, respectively. December gold imports were the largest for any month of the year, being 158 million, as against 45 million in December, 1915, and 4 million in December, 1914. December gold exports amounted to 28 million, the high point for the year, but comparing with 12 million for December, 1915, and 131 thousand dollars for December, 1914.

Of the month's imports, 71.71 per cent entered free of duty, thus maintaining the proportion shown in the December imports of the previous year.

THE DAY AND NIGHT ROOFING MAN

Every body in Alameda County knows Sam, the "Day and Night Roofing Man," some times known as the "Why Not" Man.

These titles are well earned, because Sam is on the job 24 hours in the day. If a roofing job gets by him it is not his fault, because he never sleeps.

A story is going the rounds that Sam has been trying to mate Owls with Chickens so as to keep them laying eggs day and night. We don't know how true this yarn is, but it sounds true because Sam is so full of pep and expects every other living creature to be in his class.

But every body knows that the Paraffine Paint Company's goods that Sam hustles is the best to be had, for which reason it is natural to be enthusiastic.

If you don't see him at the General Contractors' Association in Oakland, just Phone him, Lakeside 415 or Berkeley 162.

THE SQUARE DEAL HARDWARE & PAINT COMPANY.

The above is the name of W. F. Howlett's Hardware and Paint Co. at 3448 E-14th street at 35th avenue, East Oakland.

As its name implies, customers are assured of a square deal, because Mr. Howlett adopted the Square Deal as his motto. As a consequence Mr. Howlett has built up a substantial business and numbers his friends and customers by the thousand.

When it comes to Builders' Hardware, Contractors and Owners will find it to their advantage to get Mr. Howlett's estimate, because his price will be right and the goods exactly as represented.

When it comes to Tools, Cutlery, Sporting Goods, Paints, Glass, Oils, Roofing, etc., Mr. Howlett has them.

Be sure to give him a call.

THE SOURCE OF BORAX.

The volcanic deposits on the east side of the Calico Mountains, at the edge of the Mohave Desert of California, include clays containing colemanite, a crystalline borate of lime.

Colemanite contains 50.9 per cent of boric acid, 27.2 per cent of lime, and 21.9 per cent of water. The deposits near the Calico Mountains are believed to have been formed by replacement of limy beds that were laid down locally during the evaporation of lake waters, at interavals between some of the great outbursts of volcanic ejecta which formed so large a part of the Tertiary deposits. The boric acid was undoubtedly derived from fresh volcanic materials and carried to its present position by underground waters. The deposits are in two principal beds, each 5 feet thick and about 50 feet apart. These beds have been mined to a depth of 500 feet. All the borax produced in the United States is obtained from California mines, mainly from Lang, north of Los Angeles, and Death Valley. The value of borate ores produced in 1915 was nearly $1,700,000. The borax is made by heating the pulverized colemanite with a solution of sodium carbonate, forming the soluble sodium borate, which crystallizes. (U. S. Geological Survey, Department of the Interior.)

NEW YORK'S GREAT BRIDGES.

The five giant spans of steel, which, like gargantuan fingers, clutch the two sides of East river, binding New York and Brooklyn together, cost America's metropolis half as much as the Panama canal cost the federal government. Three of them, says the National Geographic Magazine, are suspended from cables the wires of which, if placed end to end, would more than twice girdle the earth. If placed side by side these five great structures would provide a roadway as wide as the Washington monument is high, and if placed end to end they would make a great bridge over six miles long.

Across the Brooklyn bridge alone 125,000 surface cars travel every twenty-four hours, with other vehicular traffic in proportion.

EAT PLAIN AND WHOLESOME FOOD.

"Pray, Mr. Abernethy, what is the cure for gout?," was the question of an indolent and luxurious citizen.

"Live upon sixpence a day, and earn it," was the cogent reply.

John Abernethy, second son of a Scotch-Irish family, born April 3, 1764, a physician of rare discernment, a surgeon of great skill, a lecturer and teacher of dramatic magnetism, never said a better thing in his life. It is particularly apt in this country where the sin of overeating is far more common than the sin of overdrinking. Gluttony, always a fault, is all the more glaring in a land where a plentiful food supply permits it to be more general. The sallow, fat cheeks, the aching joints and irascible temper of the prosperous over-fed are far too common. Abernethy said to one such, the Duke of York, by the way, "Cut off the supplies as the Duke of Wellington did in his campaigns, and the enemy will leave the citadel."

Diet, however, is a really serious matter and many people suffer as much from dietary eccentricities and food fads as from actual disease. The average individual can eat good plain, wholesome food in moderation all his life without ever being aware that he has a digestive apparatus.. Starvation to cure a fancied ailment or to reduce an expansive waist line has shortened many lives, just an indiscretion in the opposite direction. Certain diseases do require a particular diet but this should be chosen by a physician of skill and not self prescribed. The self prescriber often has a fool for a patient.

Abernethy was married on January 9, 1800, to a lady whom he met at the house of a patient. A brief courtship was followed by a proposal by letter giving the lady a fortnight in which to make up her mind and deprecating any "dangling." He was not as temperate with regard to work as he was to food. He did not even interrupt his lectures for his wedding, and died at the age of 67, completely worn out, a victim of his gluttony for work.

NEW ROAD SYSTEM IN PERU.

The Peruvian Government has adopted a plan of organization for road building throughout the country, classifying all roads in four groups—national, departmental, provincial, and district. The roads in the first, or national group, according to the new road law published in El Peruano of November 30 are those that (1) connect the capitals of departments, (2) connect a department capital with ports equipped for maritime or river commerce, (3) connect one river port with another, (4) connect river ports with frontier zones, (5) connect different points on frontier zones.

The departmental roads are those that make the following connections: (1) Capitals of provinces, (2) a department capital with a province capital, (3) a department capital with a port, (4) a department capital with a port on the frontier zone, (5) a department capital with a port on a national road, (6) a department capital with a terminal station on a railway running from a seaport. The provincial roads unite the following points: (1) Capitals of districts, (2) district capitals with province or department capitals, (3) a district capital with a port, (4) a district capital with a port on the frontier zone, (5) a district capital with some point on a national or department road. The district roads are those which connect (1) different towns in a district, (2) towns of different districts, (3) towns of a district with the capital of a district, of a province, or of a department, (4) a town with a port, (5) a town with some point on the frontier zone, (6) a town with some point on a national, departmental, or provincial road.

Provision for Construction and Maintenance.

The National Government will have charge of the construction and maintenance of natioal roads, while other roads will be in charge of departmental, provincial, and district authorities To insure uniform and systematic surveys for the roads the Government will organize a staff of road engineers, to to be provided for in the annual budget. For the general cost of constructing and maintaining roads the Government will, until the plan is further developed, make an appropriation of 10,000 Peruvian pounds ($48,665) per year, beginning with the 1917 budget. In addition, departmental boards will assign 20 per cent of their revenues to this purpose, and property owners, manufacturers, and communities of natives will contribute labor in proportion to the benefit that they would receive indirectly from the roads. Among the duties of the Government surveyors will be the preparation of estimates of the labor required on every kilometer of road and the value of the property along the proposed road. Where necessary, land will be condemned to permit the building of bridges and grading of the road in accordance with the recommendations of the surveyors. The national and departmental roads, which will be constructed by contract, are to be 6 meters (18 feet 2.2 inches) wide, with 8 per cent maximum grade, to permit automobile traffic. All roads will be free to the public.

The thorough planning of the road system outlined in this law indicates that the Peruvian Government realizes the importance of a network of highways in a country where development is retarded by a scarcity of railway communication.

[Notes on road construction [illegible] were published in Commerce Reports for April 6, 1916, and January 1 [illegible]

LATIN AMERICAN MERCHANTS TO RESUME TRADE RELATIONS WITH EUROPE.

Following abstract of Address by Hon. S. Rowe, Secretary General of the International High Commission, delivered at the Fifth Annual Meeting of the Chamber of Commerce of the United States:

We are constantly speaking of the European War as laying the foundation of America's industrial and financial leadership. There is something almost naive in the widespread feeling that this remarkable expansion of our foreign trade will continue as a permanent asset of the country. If, on the other hand, we deal with facts rather than with fancy, it will not take us long to see that the progress that has been made in our Latin-American trade does not represent by any means a permanent part of our commercial expansion. **In fact, there is a widespread feeling throughout Central and South America that American merchants and manufacturers are exploiting to the fullest extent the needs of Latin-American merchants, and that they are paying but little heed to the conditions that will arise immediately at the close of the European War.**

During the last two years I have made two prolonged trips through the countries of South America and I could not help but be impressed with the deeply rooted feeling of irritation on the part of Latin-American merchants because of the fact that **our own manufacturers were taking advantage of the fact that they could no longer secure the goods they wanted from some of their European sources, to exact from them not merely unusually high prices but to require of them other onerous conditions with reference to financial arrangements.** Rightly or wrongly there was a distinct feeling that the United States was utilizing a momentary opportunity without attempting to lay the foundations for permanent commercial relations with the merchants of Latin-America.

Let us not delude ourselves with reference to what is going to happen immediately at the close of the European War. **I found the Latin American merchant longing to resume his relations with the European manufacturers and particularly with the German manufacturers. In fact, he was looking forward to the close of the European War as a promise of emancipation from the exactions of the American producer.**

I make this statement not so much with the view of casting any reflections on our American merchants, but to point out that if we are concerned, not so much with the utilization of a temporary advantage but rather with the establishment of a permanent and leading place in South American trade, we must lay the foundations far deeper than they are at present and of a character upon which the goodwill of the South American merchants can be developed. We must also have sufficient perspective, sufficient vision, sufficient insight and foresight to see that an important part of the structure that we are attempting to rear will be greater uniformity in commercial methods, greater uniformity in [illegible]

rangements and the gradual removal of those irritating administrative regulations which are so often a real obstacle to the development of international trade.

It is to these purposes that the International High Commission has addressed itself. The direct outgrowth of the Pan-American Finanmial Conference of 1915, it represents as it were a permanent standing committee of the Conference; entrusted with the accomplishment of definite, practical purposes which will bring about greater unity of thought and action on the American Continent in matters relating to commercial methods, commercial law ad financial arrangements.

LET ALL SHOW RESPECT FOR THE NATIONAL ANTHEM.

Americans are a queer people, as those skilled foreign observers who dissect our national characteristics and analyze our souls in their flitting journeys of a week are wont to remark.

In the smaller phases of life we are not a polite Nation.

But in the larger things, where there are hungry women or suffering children, no Nation outdoes this in charity or good works.

And reversing a similar criticism, in big matters we are an intensely patriotic Nation. When the crisis comes Americans can be depended upon to abandon their plows or drop their pens; leave their desks or their work tables, to march boldly forth to fight for their country and their homes.

But on the surface, in the smaller things of life, we are not a patriotic people, although boastful about our resources, our productions, our scenery, and this, that and the other thing.

Moreover, in the refinements of veneration for the Nation that is ours, we are sadly deficient as a people. We have the soul, but lack the grace of expression.

And nothing is more illustrative of that than the deplorable indifference and even disrespect often shown when the National anthem is played or sung.

On suitable occasions, when "The Star Spangled Banner" should move every American to a glow of patriotic feeling, many fail to stand, remove their hats or to cease talking. Their attitude is one of broad sulkiness that their time should be fritted away by such a trifle.

The real patriotism is there deep in the breast, but the good manners are lacking to express it properly.

And bad manners, whether in patriotism or at table whether it be eating with a knife or standing covered during rendition of the national anthem—should be scorned by all.—Sacramento Bee.

THE RIGNEY TILE CO. SUCCEEDS TO THE BUSINESS OF THE CALIFORNIA TILE CONTRACTING COMPANY.

Thos. F. Rigney, Pioneer Mantel and Tile Man of San Francisco, has recently organized The Rigney Tile Co., which company has purchased the business of the California Contracting Tile Co., 1st and Market streets (Sheldon Building).

The Rigney Tile Co will make a specialty of contracting to install floor, wall and mantel tiles. A large stock of tile is on hand which gives a great variety to choose from.

Thos. Rigney numbers his friends in the building line by the hundreds and as he has always fulfilled all contracts entrusted to his care with promptness and always given satisfaction, we predict a bright career for the new firm.

Be sure to get their estimate for any job in the tile line. Telephone Number Sutter 1678.

MAY ENACT NEW ENGINEERING LAWS.

ANDERSON, Shasta Co., Cal.—That the present Legislature should enact a law that will empower the State Engineer to engage an inspector to look into all irrigation projects—both those proposed, and under actual construction—is the opinion of Thomas H. Means, consulting engineer on the Anderson-Cottonwood Irrigation District.

Engineer Means says that under the present conditions, the State Engineer has neither power nor funds to engage an inspector to look into irrigation projects. He contends that the Legislature should enact a law that will authorize the engagement of an inspector, and that the inspector should look into proposed irrigation projects, and also occasionally examine them while they are in course of construction.

Irrigation District Financing.

ANDERSON (Shasta Co.)—At a meeting of the newly elected directors, the committee-at-large and the Advisory Board of the Anderson-Cottonwood Irrigation District, held recently, a definite program was adopted that, it is believed, will meet the approval of every land owner in the district.

Will Inspect Ditches.

On February 19th, it is planned to have every land owner in the district meet at Redding, from where they will go over the entire system, from the dam at Redding to the last ditch below Cottonwood. The start will be made early in the morning and it is believed they can cover the entire district in one day. Lunch will be arranged for in Anderson.

With the party will go the district's Chief Engineer, who will explain in detail all the work that must be done to complete the project and his estimates of the cost. The main points of interest will be at the different stream crossings where siphons and flumes will have to be built.

These crossings seem to be one of the matters of which the district can not make head or tail. One engineer recommends fluming and another says siphon.

To Call Mass Meeting.

Following this trip, a mass meeting will be called and the amount of the next bond issue determined. As soon as a decision is reached work on a new issue will start.

In the meantime, the district will accept the assistance that has been offered by Herbert Flischacker, San Francisco banker.

GOVERNMENT PUBLICATIONS FOR SALE.

The following were among the publications received in stock for sale by the Superintendent of Documents at Washington during the two weeks ended February 3, 1917:

Russian Market for American Hardware (Foreign and Domestic Commerce Bureau Miscellaneous Series 46). Shows what Russia makes in hardware and what it is forced to import; where it gets its foreign goods, how they are distributed and paid for, and how the countries that supply them conduct their business with Russia. Price, 15 cents.

Poles Purchased, 1915 (Agriculture Department Bulletin 519.)—Statistics showing number and kind of poles purchased by telephone and telegraph companies, steam and electric railroads, and electric light, heat, and power companies during 1915, and comparative figures for 1907-1911. Price, 5 cents.

FURNACE BURNERS WANTED.

E. D. Mosher, Care Thorp College Technology, Pasadena, Cal. has written the San Francisco Chamber of Commerce stating that he is in the market for distillate burners for furnaces. Further information may be had from the Chamber of Commerce or from Mr. Mosher at Pasadena.

CANAL TRAFFIC IN DECEMBER.

[Panama Canal Record.]

The cargo carried through the Panama Canal in December, 1916, aggregated 547,683 tons of 2,240 pounds. This amount exceeds the total for November, 1916, but does not equal the amount for October, the totals for these months being 519,043 and 647,893 tons, respectively. Of the December cargo 241,987 tons were carried from the Atlantic to the Pacific Ocean, and 305,696 tons from the Pacific to the Atlantic.

The total net tonnage of the ships in December was 483,814, according to the rules for measurement for the Panama Canal—261,181 tons from the Atlantic to the Pacific, and 222,633 tons from the Pacific to the Atlantic.

The number of ships passing through the canal was 155, which number has been exceeded but once since the reopening of the canal—in October, 1916, when the number was 158. Of the December vessels 82 were bound from the Atlantic to the Pacific, and 73 from the Pacific to the Atlantic.

With respect to nationality, British ships led with 63, followed by: American, 37; Norwegian, 15; Chilean, 8; Peruvian, 7; Dutch, 6; Japanese, 5; Danish, 4; Swedish and Costa Rican, each 3; Spanish, 2; Cuban and Mexican, each 1.

The tolls earned in December amounted to $447,015. Of this sum $231,778 was from ships passing from the Atlantic to the Pacific, and $215,237 from ships passing from the Pacific to the Atlantic The tolls on ships in the United States coastwise trade amounted to $8,027,collected wholly from ships bound from the Pacific to the Atlantic, there being no tolls paid by coastwise vessels going in the opposite direction.

HOME INDUSTRY LEAGUE OF CALIFORNIA.

Plans for a more concerted effort among merchants and manufacturers to make goods "Made-in-California" better known both in this State and abroad, will be asked for from the individual members of the Home Industry League of California at the weekly luncheon to be held on Thurs-

day, February 15th, at the Palace Hotel.

The success of the annual dinner of the League having broken all records, those in charge of the dinner will define their views on how many other popular functions can be staged, designed to educate California residents to a realization of how the State would prosper through preference being given to goods made or grown in California.

STATE WATER COMMISSION.

The Following Permits to Appropriate Water Have Been Granted.

W. H. and J. S. Garrison of Victorville: One and one-fourth cubic feet per second of the waters of Crystal Creek in San Bernardino County for the purpose of irrigating 200 acres. The water will be carried to the land by a cement pipe 1611 feet long at a cost of $2,000.

George Stewart of Newhall: One miner's inch of the waters of an underground stream in Los Angeles County for placer mining purposes. The water will be conducted by means of a pipe line half a mile in length..

Ronad C. Kennedy of Tuolumne: Four miner's inches of the waters of springs in Tuolumne County for mining purposes. The object of the diversion is to work the Starr King mine. A pipe line 1800 feet long will be required to conduct the water.

J. T. Rogers of Sommes Bar: Eighteen miner's inches of the waters of Rogers Creek, tributary to Klamath River in Siskiyou County, for irrigating 37 acres of land. A ditch a mile and a half long will conduct the water to the place of use.

The New England Corporation of Ripon: Two and seventh-tenths cubic feet of the waters of the Stanislaus River in San Joaquin County for irrigation of 210 acres, by means of a pumping plant.

August Bila and C. C. Caley of San Bernardino County: Three-eighths cubic feet of the waters of Arctic Canyon, tributary to the Mojave River in San Bernardino County. Applicants will conduct the water a distance of six miles to gold and silver mines to be worked.

J. R. Gilbert of Orleans: Four cubic feet of the waters of Leary Gulch tributary to Red Cap Creek in Humboldt County. The water will be carried three-quarters of a mile through ditch to placer mines to be operated.

Ulysses S. Tolbert of Leesville: Ten miner's inches of the waters of Grapevine Creek tributary to Bear Creek in Colusa County for the irrigation of 20 acres.

James T. Dunn of Colfax: Twenty-nine miner's inches of the waters of South Wolf Fork Creek, tributary to Wolf Creek in Nevada County, for the irrigation of 58 acres. A ditch a mile and a half long will carry the water to the land to be irrigated.

The Walker Mining Company of Salt Lake: Twenty cubic feet of the waters of Ward and Nye Creeks in Plumas County, tributary to the Feather River, for power purposes. There is a flume and pipe line 7,692 feet long. Electrical energy will be developed to propel mining and milling machinery and saw mill. The total fall to be utilized is 514.4 feet and it is proposed to develop 1,169 theoretical horse power at a cost of $25,000.

M. D. Graham of Wakefield: Three cubic feet of the waters of Granite Gulch Creek, tributary to Hurdy Gurdy Creek in Del Norte County. A ditch and Flume two miles long will conduct the water to a placer mining claim where it will be used for Hydraulicking.

THE COMMERCIAL WOODS OF THE PHILIPPINES; THEIR PREPARATION AND USES.

By

E. E. Schneider.

The above is the title of Bulletin 14, the latest publication of the Philippine Bureau of Forestry. This bulletin is by far the most comprehensive work on the subject so far published and also, from the point of view of the wood-user, the most practical. It is a volume of 246 pages, exclusive of the indexes, and consists of five parts. Part 1 is a concise description of the forests and of lumbering conditions in the Islands; Part 2, a detailed discussion of the mechanical and physical properties and of the structure of wood; Part 3, a very full description of the various uses to which Philippine woods are or could be put, with numerous cross-references; Part 4, gives, in the least technical language possible, a description of the methods of identifying woods, and Part 5, which occupies more than half of the book, gives minute descriptions of over 360 Philippine woods, with very complete notes on their distribution, sizes, supply, uses, mechanical properties and durability, etc. In addition, there are three very complete indexes, one general, one of scientific names, and one of the official and local names of the woods.

Bulletin 14 is sold by the Bureau of Forestry at $1.00 U. S. Currency. Orders should be accompanied by a money order made out to "The Director of Forestry, Manila, Philippine Islands."

NATIONAL FOREST ENLARGED.

WASHINGTON, D. C.—Acting under the authority of a special Act of Congress approved September 8, 1916, the President has, on recommendation of the Secretary of Agriculture, signed a proclamation adding approximately 50,000 acres to the Whitman National Forest, Oregon. The lands involved are situated on the divide between the John Day, Powder, and Burnt rivers, in east-central Oregon.

Over 4,000 acres consist of timber lands which were included in patented entries. As the result of suits brought by the United States, the patents for these entries were canceled by the courts because they were acquired through fraud or mistake, and the lands were returned to Government ownership. The canceled claims carry a total estimated stand of nearly 46,000,000 feet B. M. of timber.

Much of the other land included in the addition is privately owned. It consists largely of cut-over timberland, on which the timber growth is rapidly reproducing. One portion of the Act of Congress authorizing the addition provides especially for the exchange of Government timber for privately owned lands in the Whitman National Forest which may be chiefly valuable for the production of timber or the protection of streamflow. Several applications for exchanges of this character have already been submitted.

BIG INCREASE IN ALUMINUM.

[redacted] according to estimates [redacted] M. Hill of the U. S. Geological Survey of the Department of the Interior, was over 121,000,000 pounds. The estimates are based on [redacted] of the domestic production [redacted] and [redacted] of the imports for 9 months. This is an increase of more than 21 per cent over the consumption of 1915. These estimates do not include the consumption of secondary aluminum obtained from scrap materials, which is believed to have also increased.

OPPOSED TO MILITARY TRAINING IN THE SCHOOLS.

An organization calling itself the California Commission to Promote Physical Education has announced that it will support Assemblyman N. J. Prendergast's bill for compulsory physical training in the public schools of California.

The same commission also announces that it energetically will oppose all bills providing for any sort of military training in the schools.

However interesting this attitude of the Commission may be to its own members, it is doubtful if it will have much weight, one way or another, with the members of the Legislature or with The People of the State.

Extreme pacificists are not popular at this particular time, when the Nation faces the grave danger of war, and of going to war when it has neither the trained men, the guns and munitions, nor hardly anything needful for a conflict with a first class Power.

This particular Commission is nothing more than an extreme pacificist organization hiding behind the disguise of "physical training." It has as its chief object the defeat of any successful means of raising a sufficient army to guard this country.

A bill has been introduced in the Legislature by Senator Sharkey and Assemblyman Wishard, providing for compulsory military training of all boys in the high schools. Under this system, three hours a week would be devoted to drill, and two weeks in a camp of instruction during the Summer.

Under this measure the boys could be given the groundwork of military training, providing an excellent foundation in case the United States were to call for military training, as it should.

Objections has been made that any sort of military training should be done by the Federal Government, as in various European countries. The situation here, however, is different, in that our particular form of national government does not give the Federal authorities any control over our State public school system.

In Europe military training is founded upon physical education in the public schools. The same should be had here, and, as a step toward the future, military training should be given in the high schools.

[redacted] a time of danger [redacted] possibilities for the United States [redacted] time for serious and [redacted] It is no time to listen to the objections of eccentrics who

would put their own peculiar theories and opinions into effect without regard to the perils that face the Nation.

But this State Commission, or whatever sort of an organization it may be, presumably takes itself more seriously than do the public. Its attitude is interesting but not necessarily formidable.

PAPER MILL FOR ABERDEEN.

ABERDEEN.—A paper mill plant to cost $1,000,000 for which all capital has been subscribed is guaranteed for South Aberdeen. The site has been purchased and construction work is to start at once. The mayor and council made the plant certain by voting to sell a water right which the company required for $8000, this completing the deal. The plant is to begin operations January 1, next.

ANTI-BOYCOTT LAW.

Prohibits Sympathetic Strikes and Secondary Boycotts.

The anti-boycott bill introduced at the present session of the California legislature by Senator Ballard of Los Angeles, and supported by the San Francisco Chamber of Commerce, is designed to make the sympathetic strike and the secondary boycott unlawful.

There is nothing the bill affecting the right of employees to strike or to maintain a primary boycott against their own employer, for the purpose of enforcing their demands relative to their own employment or to their own labor conditions. The secondary boycott and the sympathetic strike do not come within this exception, and therefore would be made unlawful by this act.

The Ballard Anti-Boycott bill is necessary if the State is to protect its citizens from wanton injury inflicted upon them by those who may be involved in an industrial dispute to which the citizens injured are not parties. It is for this reason that the line of distinction has been drawn between the direct strike and the sympathetic strike and the primary and secondary boycotts.

The direct strike and the primary boycott affect only the employer involved in the dispute. The secondary boycott and the sympathetic strike on the contrary tend to injure those who are not directly involved in the dispute. The primary boycott has been defined by the California Supreme Court as the right of employees to cease dealing by concerted action, either socially or by way of business, with their former employer.

The employees have the right by all legitimate means by fair publication and fair oral or written persuasion, to induce others interested in or sympathetic with their cause to withdraw their social intercourse and business patronage from this employer. This right is not sought to be interfered with.

But when the employees go further than this, and request of another that he withdraw his patronage from the former employer, and use the moral intimidation and coercion of threatening a like boycott against him if he refuse so to do, it is a case of secondary boycott. This secondary boycott has been declared illegal by the English courts, the Federal courts and by the courts of most of the States of America.

There is no justice in the use of the secondary boycott involving, as it does, strangers to the dispute and inflicting injury not only upon those against whom the secondary boycott is declared and maintained but, through injury to them, often affecting the general interests of the public and causing loss to them.

The industrial activities of a whole trade or of a whole community may be paralyzed through the use of the sympathetic strike or the secondary boycott, and the law today affords no relief. If the law is to maintain its boast that for every wrong there is a remedy, Senator Ballard's bill should be enacted into law.

FROM ATLANTA, GEORGIA.

I went into the office of a Landscape
Friend of mine,
And casually suggested that the times
are getting fine.
"They would be," he retorted, "if the
Architects would stop
Preparing plans for work which should
be issued from my shop."

I hastened to an Architect and asked
him to explain.
"Don't tell me more, my friend," said
he, "but hear my sad refrain:
Contractors now are drawing plans for
work that we should do,
And architects with bank accounts are
far between and few."

"Contractors, friend, are not to blame,"
said he whom next I saw.
"Material Men and Subs," he said—
"Their work is awful raw.
They quote to us their highest price,
then join us in a sob
When Building Records tell us that old
Day Work got the job."

A Sub then offered to explain this
awful situation.
"I see no way," he said, "to cure this
badly strained relation.
Contractors peddle bids we give, and
yet they much deplore
When the Sheriff comes and neatly
tacks his sign upon our door."

Deep and long were the sighs that
came from the Material Man.
"The boob who cuts the price," said he,
"Oh, if we only can.
Stop his mad career,—the money I
could save
Would pay the national debt,—if I
could only see his grave."

I thought these statements over, and
decided that I'd quit.
Before someone decided that I was the
man to hit;
The truth is, Builders All, that the
place to best arrange
All your business troubles is the floor
of the Exchange.

—Compliments Atlanta Builders' Exchange, Atlanta, Georgia.

LARGEST STACK IN THE WORLD TO BE ERECTED.

TACOMA, Wash.—The Tacoma Smelting Co. has awarded the contract to the Alphons Custodis Construction Company, of New York and Colman Bldg., Seattle, for the erection of its huge smoke stack. The contract for the 3,000,000 brick for the structure was awarded some time ago to the Denny, Renton Clay & Coal Co. The stack will be the largest in the world, being 571 feet high and 25 feet wide at the top.

NEW LAWS ARE BEING ENFORCED FOR INSTALLATION OF GUARDS AROUND ELEVATOR MACHINERY, ETC., FOR PROTECTION OF PASSENGERS AND OPERATORS.

According to the new law, which went into effect on the 1st of the year, protection guards must now be placed under the elevator machinery when same is overhead to protect passengers. Also all grill work on the cars and doors must be protected by a fine wire mesh or solid partitions at least 3 feet above the floor, also all mirrors must be removed from all cars. All overhanging ledges at doors and shafts must be protected by a solid plate to protect passengers in the car from injury. All machinery in engine room must have protection guards around moving parts.

The counter weights in elevator pits must have metal guards at least 6 feet high.

There are many other points that we might mention, but it is hardly necessary.

Inspectors are now visiting all buildings and notifying owners of special requirements.

The C. J. Hillard Co., 19th and Minnesota, have established a special department to care for this class of work. Owners will find it to their advantage to get estimates from this firm before finally placing orders.

BUILDERS' EXCHANGE AND ASSOCIATION AMALGAMATED.

OAKLAND, Cal.—One of the best moves affecting the building industry has recently been accomplished in the combining of the Builders' Exchange and the Central Contractors' Association of Alameda County. This action was brought about by committees representing the boards of directors of both bodies, and has been the cause of much rejoicing among those interested in the building business. It is expected that a great deal of good will result from this alliance.

The enlarged body has gone to considerable expense fitting up the headquarters of the General Contractors' Association, 565 Sixteenth street, with offices and figuring booths to accommodate the increased membership.

It is said by the builders that never before in the history of the east bay cities have the architects' tables been so crowded with plans for the construction of large buildings.

NICKEL IN 1915.

The United States Geological Survey, Department of the Interior, now has available for distribution its annual statement on Nickel in 1915.

CHICO, Cal.—A verbal agreement has been reached between W. H. Pillsbury, garage man of this city, and the proprietors of the old City Hall, whereby the owners will construct a garage upon the removal of the hall. No decision as to the disposal of the present building has been arrived at.

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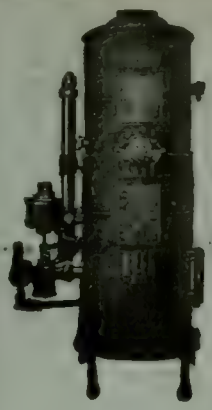
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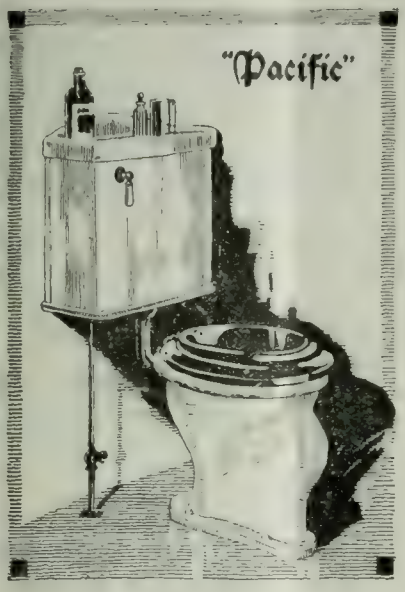
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VALLEJO, Cal.—It is reported in realty circles that as soon as the sewer work is completed in the Vallejo Annex Tract that a big building campaign will be started by the promoters of the subdivision to Vallejo, and as a result from $60,000 to $100,000 worth of improvements will be made to the eastern outskirts of town before the summer is over.

RENO, Nev.—A discussion of plans and approximate costs for surveying the water system of Reno took place recently between the City Council and a representative of a Kansas City firm.

It is the plan of the City Council to get estimates from several engineers on the cost of making a complete survey of Reno's water system. When this is done one of the engineers will be appointed by the Council to make a survey of the system with a view of the city taking over the entire plant.

If it is found that the city can take over the plant and conduct it at a profit then steps will probably be taken for municipal ownership.

SACRAMENTO, Cal.—The Bank of Italy purchased 20,000 worth of Folsom Sanitary District bonds, paying a premium of $950 for them. The only other bid was made by the California National Bank. J. P. Cox, J. Perazzo, J. A. Russi, Fred Stanton and O. J. Miller were the directors of the district authorizing the sale.

FAST ELECTRIC TRAINS TO SACRAMENTO

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8:00A	Concord, Diablo and Way Stations.
*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

* Connections made at Mallard for Walnut Grove, Ryde, Isleton, and Rio Vista by Lauritzen Transportation Co. Boats.

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PROPOSED LEGISLATION EFFECTS BUILDING.

Changes in State Tenement House Act And Two New Acts Before State Legislature.

Three bills are pending in the legislature which will materially effect the building interests. These are the new State Tenement House Act, the Hotel and Lodging House Act and the Dwelling House Act. A brief outline of the bills with their proposed changes follows:

Tenement Houses Changes.

The size of courts are regulated by the size of the building and are not all one size as the law now provides. The height of frame tenement houses is limited to thirty-six feet or three stories. Where the basement is occupied it will class as a story. Side yards are provided for instead of back yards but the space at the rear of tenements must never be less than seven feet from the ground. Fire escapes must open directly from hall ways, and there must be two means of egress from every floor. Hallways must be semi-fireproof, and in places where automobiles are stores the compartment must be fireproof.

Mosquito screening of sixteen mesh to the inch must be placed on each door and window or other opening. In tenements of more than eight families there must be a housekeeper, janitor or someone living on the premises to be responsible for sanitation, heat and light. Bedding must be stored in dry, vermin free rooms. Dark rooms must be painted or papered in light colors. Building Inspectors or any city officials charged with enforcing the bill will appeal directly to the Superior Court. The present provision requiring the filing of plans in duplicate before construction can be commenced is not amended nor changed in the proposed law.

Hotel Bill.

The hotel bill (S. B. 433) is practically a new measure. The present act is regarded as only an entering wedge, but the proposed new law will cover all subjects and prescribe regulations similar to the Tenement House Act but applicable to hotels.

Outside Rooms Demanded.

One of its important provisions is that all rooms shall be outside, opening upon streets or courts. Height of frame hotels and plumbing are regulated. The bill applies to dormitories as well as to hotels. Court will vary with the size of the structure, and combination buildings will be made to conform to the regulations prescribed for full hotel buildings. Safety and sanitation is given especial attention.

Dwelling House Bill.

The dwelling House Bill (S. B. 432) regulates the construction, reconstruction, moving, altering, maintenance, use and occupancy of dwelling houses in every part of the State. A few of the regulations which must be followed in building dwellings if this bill becomes a law are:

Substantial construction so as to exclude dampness. Cellar living prohibited. No basement living quarters shall be used where the ceiling is not seven feet or more above the ground. All walls, floors or ceilings of such dwelling places shall be damp-proof and water-proof. Air space under the lower floor of six inches or more. No room of less than ninety square feet shall be built.

Height of Rooms.

Rooms must be at least seven feet and eight feet in height. Every water-closet compartment shall not be less than thirty-six inches in width, and bath rooms shall not be less than seven feet six inches in width. Every rooms must have a window opening directly upon a street or unoccupied area containing at least thirty-six square feet. There are numerous regulations affecting plumbing, sanitation and ventilation.

Bill for Architects.

Assembly Bill 1126 provides for the examination and licensing of architects; the organization of a State Board of Architecture of seven members to examine and license architects and to provide for safety in building, alteration and repair.

Counterbalance Stairs.

Senate Bill 440 provides that where buildings are required to have fire-escapes they shall also be equipped with counterbalance stairways. The examination and certification of plumbers is provided for in Senate Bill 100. The bill also would restrict the employment upon any public work of plumbers so licensed. Senate Bill 963 provides that all State brick, stone, terra cotta or concrete work done in the future shall be inspected by a State Masonary Inspector before accepted by the State. Senate Bill No. 6 provides that separate bids be asked on public buildings. One to cover the structure itself and other the plumbing.

Congratulations Are Now In Order C. Jorgensen Is Married

C Jorgensen, the well known dealer in Building Specialties with offices in the Crossley Building, surprised his many friends by leading Miss Ethel C. [illegible] to the altar last Tuesday [illegible] May your [illegible] ones.

Senate Bill No. 736

AN ACT TO MAKE IT UNLAWFUL TO COMBINE TO PREVENT ANY INDIVIDUAL FROM LEARNING A TRADE.

Senate Bill No. 736 introduced by Senator Rominger of Long Beach, Cal., is of special interest to any man desiring to learn a trade.

Here is a copy of the bill:

AN ACT.

TO ADD A NEW SECTION TO THE PENAL CODE, TO BE NUMBERED SIX HUNDRED FIFTY-THREE f, RELATING TO THE RESTRICTING OF THE NUMBER OF INDIVIDUALS WHO MAY LEARN A TRADE.

The People of the State of California do enact as follows:

SECTION 1. A new section is hereby added to the Penal Code to be numbered six hundred fifty-three **f** and to read as follows:

653f. It shall be unlawful for any person, persons, association of persons, combination of persons, or body of persons to prevent, attempt to prevent, or combine to prevent, any individual from learning, or from becoming an apprentice for the purpose of learning, any useful and lawful trade; or perform any act which shall result in restricting the number of individuals who may learn or become apprenticed for said purpose; or in any way interfere with the enrollment as an apprentice, or the employment of any individual desiring to learn or acquire a useful and lawful trade. Any one violating the provisions of this act shall be guilty of a misdemeanor.

The following letter from Grant Fee, the well known builder, hits the nail on the head.

San Francisco, Cal, Jan. 29, 1917.
Hon. Joseph A. Rominger,
Long Beach, California.
Dear Sir:—

I am writing to congratulate you on your introduction in the California State Senate of the Act relating to the restriction of individuals who may learn a trade. I am heartily in sympathy with this Act and will cooperate with whatever influence I may have toward its successful passage.

The Vocational trades being taught in the schools is a step in the right direction and fair thinking people should endorse your Bill whereby this vocational training may be continued effectively in practical work.

Not every boy or girl is fitted by temperament or inclination to do clerical work, and without something appealing for the active mind and body of the growing youth the uncurbed passions and untrained possibilities tend toward increasing the inmates of our houses of correction. Keep the youngsters occupied with some useful labor that interests them and less money will be needed to be appropriated for our prisons, and more useful citizens will be an honor to themselves and the community.

Again wishing you success in getting this Bill through the Legislature, I am

Yours very truly,
GRANT FEE.

Items of Interest.

UKIAH, Cal.—The effort of the Ukiah high school district trustees to bond the district for $60,000 for a new building was defeated in the election held last Saturday. The vote was 109 for 522 against it. There were but 931 votes cast out of a [illegible] in the district.

KLAMATH FALLS, Ore.—Another new sawmill industry is announced for Klamath country this season. Edward Sedge of the mercantile firm of Sedge & Son of Dairy, will start a new mill in the timber adjoining Swan Lake valley seven miles northeast of Klamath Falls. The new mill will have a daily capacity of 20,000 feet and it is the intention to cut two million feet this year.

SAN FRANCISCO, Cal.—Robert E. Strahorn, promoter of the Oregon California and Eastern Railroad, has announced that four small cities in his territory have donated and have proposed donations in the total amount of $1,000,000 in rights of way and terminal sites and in municipal bond issues for the benefit of the proposed railroad.

Strahorn says it will take $7,000,000 to construct the lines, and that after the war he proposes to raise the amount by sale of the securities. It will be built as an independent line. He insists he has no understanding with any of the transcontinental lines.

Strahorn says that all the 400 miles of the original project have been surveyed, as well as the 150 miles in the Lakeview-Flanigan branch, and that nearly all the rights of way and terminal grounds have been secured.

REDDING, Shasta Co., Cal.—Lawrence Gardella, of Oroville, who has been operating a dredger on land on Clear Creek, four miles below Redding, for two years, announces he will build two more dredgers this season and expects to have them in operation by November.

Gardella's new dredgers will be the kind that will deposit boulders on the bottom and soil on top in an effort to save the land for agricultural purposes. Two machines of this type are now being used by the Natomas Consolidated of California at Folsom.

NAPA, Napa Co., Cal.—Supervisor Thomas Maxwell has announced that the State Highway Commission will in the near future begin repairing the road between Napa limits and Greenwood Hill, a distance of about six miles.

With the road between Napa and Greenwood's improved, the route to Cordelia will be greatly improved.

GRENADA, Siskiyou Co., Cal.—Announcement is made that ground has been broken for the erection of a large building to house a bank, store and Post Office.

D Perozzi of Ashland has made arrangements for the erection of a creamery. This town is being built up by A. L. Harlow and associates as an irrigation district town.

YUBA CITY, Sutter Co., Cal.—Chester Cole, Chico architect, has been chosen by the Supervisors to arrange for the construction of the $20,000 County Hospital provided for through a bond issue voted at the election of last November. Plans will be advertised for at once.

The new hospital will be erected on the site of the present hospital north of Yuba City, near the Feather River. It has been decided to handle the sewage problem through septic tanks.

CHICO, Butte Co., Cal.—Theodore A. Hartt, a Cohasset merchant, is making preparations for the accommodations of a summer colony at Cohasset this year.

Hartt will erect twelve or more cottages in the pines near by and will build more if occasion warrants it. He will run a daily stage line from Chico to Cohasset.

SANTA ROSA, Sonoma Co., Cal.—The Board of Supervisors of Sonoma county Friday met with the Board of Supervisors of Marin county at San Antone creek, the dividing line between the counties of Sonoma and Marin, and the matter of erecting a joint bridge was discussed and agreed upon.

The structure will greatly benefit travel.

SACRAMENTO, Cal.—Henry C. Smith has filed suit in the Superior Court against the Galt Union High School District and its former Trustees, F. C. Hauschildt, C. Adams, E. H. Barker, A. B. Forrester and C. A. Bolton, for the recovery of half of the architect's fee of $2,439, paid C. H. Russell.

Smith claims that Russell caused his name to be destroyed from the plans and that Russell fraudulently caused the Board to pay all of the money to him when he, as his partner, should only have received half of the amount.

CHICO, Butte Co., Cal.—The old town hall of Chico, familiarly known as old "1872," with its forty-five years of historic associations, will soon be a thing of the past, its owners selling it outright to C. L. Lyons at a very low figure. The work of tearing down has already begun.

The old frame building, standing on one of the choicest lots on Main street, will be replaced by a one-story concrete garage building, 66x132 feet, to be occupied by W. H. Pillsbury of the Studebaker agency.

The owners of the property are Henry Haile, John W. Konning and Mrs. Lettie Miller.

VALLEJO, Cal.—Building permits have been recently issued to the following: To D. J. Beasley, who recently purchased the old Toothaker residence at 1110 Sutter street who purposes to convert this eight-room dwelling into four three-room apartments; to W. Johnson, who is to erect a four-room bungalow at 315 Butte street, and to Exline and Allen, who are to improve their property at 640-642 Pennsylvania street by the erection of two four-room cottages.

OROVILLE, Butte Co., Cal.—Southern California capital is interested in an irrigation project involving thousands of acres of foothill land northeast of Oroville. So declares F. F. Ford of this city, who has returned from San Diego, and who says that plans are nearly complete.

The project will include a ditch system extending from one mile south of Las Plumas along the Feather River to Table Mountain lands belonging to R. W. Campbell and others. Nearly all of the rights of way have been obtained and some of the lands bonded.

The first unit will irrigate 3,000 acres and $40,000 will be expended upon it. After the water has been brought to the land the latter will be subdivided. It is the intention to plant oranges and olives.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $15,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, James Cantley, 1370 Sacramento street, S. F. Location, west Laguna north Pine, covering an area of 25 by 81 feet. Will contain six apartments of three rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $15,000. Architect, none. Owner, W. C. Mahomey, 2221 Larkin street, S. F. Location, northeast Ashbury and Grove streets, covering an area of 25 by 85 feet. Will contain six suites of three rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $18,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 110 Upper Terrace, S. F. Location, northwest Sacramento and Pierce Sts., covering an area of 45 by 56 feet. Will contain one store and nine suites of three rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $20,000. Architect, E. W. Cannon, Central Bank Bldg., Oakland. Owner, Robert McKillican. Location, 25th street. Will contain three and four room apartments. Plans being prepared.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, $16,000. Architects, Richardson & Burrell, Albany Block, Oakland. Owner, Llewellyn Auzerais. Location, East 16th street and 4th avenue. Will contain eight suites of four rooms and bath. Plans complete and figures being taken by Sommarstrom Bros., 24th and Telegraph avenue, Oakland.

MARYSVILLE, YUBA CO., CAL.—Apartment house and stores, 2 story and base, brick, $20,000. Architects, Milwain Bros., Albany Block, Oakland. Owners, Ewell, Moors and Aaron. Location, 4th and High streets. Will contain a store and five apartments of three and four rooms. Plans complete and figures being taken.

SEATTLE, WASH—Apartment house, 8 story and base, reinforced concrete. Cost not stated. Architects, Charles Bebb and Charles Gould, Denny Block, Seattle. Owners, J. M. Jordan Co., Location, 5th avenue and Lenora street, covering an area of 60 by 120 feet. Will contain 75 suites of two and three rooms. Plans complete and figures being taken.

Contract Awarded.

SEATTLE, WASH—Apartment house, 4 story and base, reinforced concrete and brick, $55,000. Architect, Louis Svara, Haight Bldg., Seattle. Owner, Joseph W. Hubbard. Contractor, Charles W. Carkeek, Haight Bldg., Seattle. Contract price, $55,000.

LOS ANGELES, CAL. Apartment house, 11 story and base. Class A construction, $1,100,000. Architect, Charles H. Kysor, Wright and Callender Bldg., L. A. Owner, H. W. Bryson. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. Contract price, $1,100,000.

LOS ANGELES, CAL. — Apartment house, 4 story and base. Class C construction, $150,000. Architect, none. Owners, Wilshire Hotel Co. Contractors, Atlas Building Co., Haas Bldg., L. A. Contract price, $150,000.

BONDS.

SAN MATEO, SAN MATEO CO., CAL.—Meetings are being held by the High School Board urging the voting of bonds of $30,000 for school improvements to be divided as follows: Manual Arts Training Building, $15,000; equipment for same, $10,000, and $5,000 for the construction of a retaining wall on the creek bank. J. C. Robb is president of the school board.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—March 27th is the date set to vote on the formation of the Mojave River Irrigation District. It is proposed to embrace 28,000 acres on the east side of the Mojave River in Victor Valley, near Hesperia. A dam to impound 76,000 acre-feet of water will be constructed at the west fork of the river. F. E. Trask, Union Oil Building, Los Angeles, has been retained as consulting engineer.

VISALIA, TULARE CO., CAL.—Bids will be received by County Clerk Ida Markham on March 7th for the purchase of $11,163.40 in bonds, which will finance the improvement of Garden St.

EAGLE ROCK, LOS ANGELES CO., Cal.—An election will be held March 2nd to vote bonds of $65,000 for school improvements, which will be distributed as follows: $40,000 for central building containing twelve rooms, auditorium, sloyd and domestic science rooms; $4,000 each for two grade schools; $14,000 for equipment; and the balance for the purchase of sites.

FOLSOM, SACRAMENTO CO., CAL.—The bonds of the Folsom Sanitary District have been sold and actual work on the system planned will be started immediately.

PORTERVILLE, TULARE CO., CAL.—The formation of a school district to be known as the Alta Robles District has been approved by the Board of Supervisors. An election will be called shortly to vote on an issue of bonds for the erection of a school house.

UKIAH, MENDOCINO CO., CAL. — The election held to vote bonds of $60,000 for a new school building was defeated.

BURBANK, SANTA CLARA CO., CAL.—Bonds of $10,000 were voted last week and when sold will finance the construction of a new school building.

COALINGA, FRESNO CO., CAL.—Petitions asking the county officials to call a bond election to raise funds for the erection of a new school are be- [illegible] circulated. The present schools [illegible] overcrowded and [illegible] a [illegible] needed.

ANDERSON, SHASTA CO., CAL.—A bond election for $40,000 will soon be called to finance the construction of a new school.

CLOVIS, N. MEX.—A date will be set shortly to vote bonds of $50,000 for a system of good roads.

AUBURN, PLACER CO., CAL. — A proposal to bond Placer County for $1,500,000 for the permanent improvement of 188 miles of main and branch county roads will be taken up at the next meeting of the Auburn Commercial Club. The Placer County Engineer has already furnished estimates of the work planned.

SPARKS, NEV. — The Sparks' bond issue of $30,000 has been sold and plans for the building to be erected will be ordered immediately.

STOCKTON, SAN JOAQUIN CO., CAL.—A bond issue will probably be called within the next few weeks to raise funds with which to finance harbor improvements.

BRIDGES AND DAMS.

SACRAMENTO, CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. The County Supervisors of Sacramento and Yolo Counties will decide within the next few days on the construction of a bridge at Freeport, for which a petition has been presented to both boards asking construction of the structure immediately. Yolo County has offered to pay half the expense if Sacramento County will do likewise.

HYDRAULIC FILL—Cost as follows. Tacoma, Wash. Engineer, Charles E. Fowler, Tacoma. Owners, City of Tacoma. Bids opened by the County Commissioners for making a hydraulic fill on 11th street, shows the Standard American Dredge Co., Central Bldg., Seattle, low at $74,311. The bids ran as high as $78,139 and it is probable that the contract will go to the low bidder.

SACRAMENTO, CAL—Bridge repairs, etc. Cost as follows. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. The Board of Supervisors has ordered specifications printed and bids asked for the necessary repairs to the Georgiana Slough bridge, and for the mile and a half concrete road from Ben Ali to the Del Paso Country Club. It is estimated that the work on the Georgiana bridge will cost about $5,000. A new floor will be built and the bridge painted. A concrete approach will also be constructed.

SACRAMENTO, CAL.—Bridge, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento and Yolo Counties. The County Supervisors of Sacramento and Yolo Counties will decide within the next few days [illegible] the construction [illegible] bridge [illegible] Freeport, for which a petition has been

presented to both boards asking construction of the structure immediately. Yolo County has offered to pay half the expense if Sacramento County will do likewise.

TACOMA, WASH.—Hydraulic fill. Cost as follows: Engineer, Charles E. Fowler, Tacoma. Owners, City of Tacoma. Bids opened by the County Commissioners for making a hydraulic fill on 11th street, show the Standard American Dredge Co., Central Bldg., Seattle, low at $74,311. The bids ran as high as $78,139, and it is probable that the contract will go to the low bidder.

REDWOOD CITY, SAN MATEO CO., CAL. — Culvert, reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be opened on March 12th at 10 a. m. for the construction of a reinforced concrete culvert over Cascade Creek about 11.7 miles south of the town of Pescadero on the Pescadero to Santa Cruz County line road, in the Fifth Road District.

Contract Awarded.

HANFORD, KINGS CO., CAL. — Bridges and culverts. Cost as follows. Engineer, County Surveyor Hanford. Owners, Kings County. S. G. Smartt, Bakersfield, Cal., has been awarded the contract by the County Supervisors for the construction of the bridges and culverts on the Lemoor-Browndale unit of the county improved highway. The bids were made in items 1, 2 and 3; items 1 and 2 being for class A and class B cement, respectively, and item 3 for shaping and installing the reinforcing steel. Mr. Smartt's bid was as follows: Items 1 and 2, $8.48 per cubic yard; item 3, 1 cent per pound.

FRESNO, FRESNO CO., CAL. — bridges, 3, timber construction, $1500. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractor, J. P. Hurt, Fresno. Contract price, $1,500.

MODESTO, STANISLAUS CO., CAL.— Bridges, 5 reinforced concrete. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The Supervisors of Stanislaus County yesterday set aside the order awarding the construction of five county bridges to Thurston & Co., because of irregularities in the form under which the bids were received. The construction of the same bridges was immediately re-awarded to C. E. Cotton, 16 California street, San Francisco.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL. Bakery and garage, 2 and 3 story, brick and reinforced concrete. Cost not stated. Architect not commissioned. Owners, California Baking Co., S. F. Location, San Pablo avenue and 42nd street, covering an area of 163 by 360 feet. Mr. Loesch of the California Baking Co. mentions both Architect Carl Geilfuss and P. Righetti, but states that neither has been commissioned.

ROSEVILLE, PLACER CO., CAL.— Car shop and offices, 4, 1 story and 1, 2 story, frame and corrugated iron, $90,000. Engineer, J. H. McCloymonds, Flood Bldg., S. F. Owners, Pacific Fruit Express Co. Dimensions of the shop buildings will be as follows: 500 by 60, 160 by 60, 120 by 57 and 120 by 40. Plans are complete and work will be started at once.

REEDLEY, FRESNO CO., CAL. — Packing house, 2 story, concrete and frame, $20,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, California Peach Growers. Plans are complete and figugres have been taken. Bids to be opened in a day or two.

MADERA, MADERA CO., CAL. Ice plant, 1 story, reinforced concrete and frame, $10,000. Architect, none. Owner, Edward Saunders and John High. New machinery will be installed. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL. Warehouse, 2 story and base, brick. Cost not stated. Architect, Frank M. Tyler, Black Bldg., L. A. Owners, Ralphs Grocery Co. Location, Avenue 26th and Pasadena, covering an area of 240 by 100 feet. Plans are being prepared.

SEATTLE, WASH.—Grain elevator, reinforced concrete, $100,000. Engineer, City Department of Engineering, Seattle. Owners, City of Seattle. Location, foot of Hanford street. Will have a capacity of 500,000 bushels and includes 30 circular bins each 17 by 83 feet. Plans complete and figures to be opened on March 14th.

PORTLAND, ORE.—Cannery, 2 story and base, brick or reinforced concrete, $75,000. Architect, Emil Schacht, Commonwealth Bldg., Portland. Owners, Oregon Packing Co. Location, Columbia Boulevard. Will cover a considerable ground area. Plans complete and figures to be called for at once.

Contract Awarded.

GALT, SACRAMENTO CO., CAL.— Factory group, 1 and 2 story, hollow tile, $41,609. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Utah Condensed Milk Co. Contractor, Ira B. Boss, 914 27th street, Sacramento. Contract price, $41,609.

FLATS.

BERKELEY, ALAMEDA CO., CAL.— Flats, 2 story and base, frame, $3,500. Architect, none. Owner, I. S. Tuttle, 2222 East 31st street, Oakland. Location, north Posen east Carlotta avenue. Will contain two four room flats. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $4,000 each. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. A. Jannssen, Hearst Bldg. Location, west 5th avenue south Cabrillo. Each building will contain two flats of five rooms and bath. Basement garages. Plans complete and work to be done by Day Labor.

GARAGES.

OAKLAND, CAL.—Garage, 1 story, brick, $2,000. Architect, none. Owners, Standard Oil Co. Location, east High street and Alameda avenue. Will cover an area of 25 by 40 feet. Plans complete and work to be done by Day Labor.

GOVERNMENT WORK & SUPPLIES.

Purchase of War Materials.

Information has been erroneously circulated from Washington — to the embarrassment of the military-naval authorities and the annoyance of manufacturers and dealers—to the effect that the government is in the market for vast quantities of supplies which will be necessary in the event of war.

The crisis through which this country is passing, of course, is not ignored by those responsible for "preparedness" and for having the armed forces of the nation in readiness for whatever emergency may finally and suddenly confront it. The bureau of officers of the War and Navy Departments have prepared estimates of cost for the varied assortment of material in the volume necessary to meet the demands of the country engaged in the conduct of a war.

Beyond this nothing has been done and nothing will be done until war is unavoidable. There will be no actual purchases of material which anticipates hostilities, but everything that can be done in the War and Navy Departments so that the machinery of acquisition can be put into motion as soon as the President sends to Congress a request for an emergency appropriation. This is likely to be made by Congress in a lump sum without restriction on its expenditure, which will be within the discretion of the President.

Some purchases are being made in the War and Navy Departments in anticipation of the enactment of the regular Army and Navy appropriation bills which are now pending in Congress. This is merely to save time in making the contracts to meet the needs of the regular establishment. Thus, during the past week bids have been called for, to be opened under the quartermaster general of the Army on February 23, for tentage material and on March 5 for clothing, etc. The aggregate cost of the material embraced in these schedules is about $15,000,000, but this is on account of the appropriation for that material for the regular Army during the fiscal year beginning on July 1. The material, of course would be available for use in an emergency which may transpire at any time.

The same condition prevails in the Navy Department, where bids are being invited for certain articles, also in anticipation of the needs of the next fiscal year.

As soon as war is known to be inevitable the military-naval authorities will arrange for the purchase of the material necessary for the naval reserves which will be called into service and the expansion of the Navy by the addition of merchant vessels and, under the War Department, the creation of an army of one million men, which will be accomplished by bringing the regular Army up to the authorized strength contemplated by the five annual increments provided for in the act of June 3, the increase of the numerical strength of the national guard to its maximum authorized strength and the creation of a volunteer army of 500,000 men.

In the meantime and until hostilities are more of a certainty than they appear at this writing, manufacturers and dealers should not get excited over the reports from Washington of extraordinary activity on the part of the purchasing officers of the War and Navy Departments.

Richfield, Utah, Post Office.

The contract for the construction complete of the U. S. post office at Richfield, Utah, has been awarded to A. G. Young, Richfield, Utah, at $47,988; time, 14 months.

San Francisco Circular No. 160.

The following bids were received and awards made by the depot quartermaster, San Francisco, Cal., under office circular No 160, opened Jan. 15:

Bid 1, Baker & Hamilton, 4th and Brannan streets, San Francisco, Cal.

2. Standard Broom Co., Portland, Ore.

3. Universal Trading Co., 220 4th avenue, New York city.

4. Shapleigh Hardware Co., St. Louis, Mo.

5. Glaze & Douglas, Humboldt Bank Bldg., San Francisco, Cal.

6. Southwestern Broom & Warehouse Co., Wichita, Kans.

7. Atlantic Southwestern Broom Co., Baltimore, Md.

400 axes, without handles—Bid 1, 80c ea; 3, 80.9c, 4, 77.5c, accepted.

10,000 brooms, corn—Bid 2, $6.15 doz, accepted for 2,400: 4, 65.2c ea; 6, 55c; 7, 55c, accepted for 7,600.

360 handles, spade—Bid 1, 30c ea; 3, 28.4; 4, 20.3c, accepted; 5, $2.50 and $3 doz.

HALLS AND SOCIETY BUILDINGS.

BAKERSFIELD, KERN CO., CAL.—Lodge hall and stores, 1 story and base, Class B construction, $60,000. Architect, Thomas B. Wiseman, Bakersfield. Owners, Bakersfield Odd Fellows' Hall Association. Location Chester avenue, covering an area of 68 by 125 feet. Will contain several stores on the first floor and lodge rooms, offices and banquet room on the upper floors. Plans being prepared.

VISALIA, TULARE CO., CAL.—Lodge hall and stores, 3 story and base, brick and concrete, $60,000. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Visalia Elks' Hall Association. Will contain several stores on the first floor and lodge rooms above. Plans have not progressed far enough to give details.

GLENDALE, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick, $45,000. Architect, Alfred F. Priest, Fay Bldg., L. A. Owners, Glendale Elks' Hall Association. Location, Colorado street near Brand Boulevard, covering an area of 103 by 80 feet. Will contain 25 bachelor apartments besides the usual lodge rooms. Plans are being prepared.

MERCED, MERCED CO., CAL.—Lodge hall and stores, 2 story and base, brick and concrete. Cost not stated. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Merced Masonic Temple Association. Location, 20th and M streets. Will contain stores on the first floor and lodge rooms above. Plans complete and figures being taken.

HOSPITALS

OAKLAND, CAL.—Hospital addition and alteration, 2 and 3 story, brick and steel. Cost not stated. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Fabiola Hospital Co. A maternity ward will be constructed and the present buildings rearranged and modernized. Plans are being prepared.

SACRAMENTO, CAL.—Sanitarium, 4 story and base, reinforced concrete, $150,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owner, Dr. White. Location, 29th and J streets. The architect states that plans are nearly complete for this building and that bids will shortly be called for. Present buildings are now being wrecked.

Contract Awarded.

MARTINEZZ, CONTRA COSTA CO., CAL.—Hospital ward, 1 story, concrete, $4,513. Architect, none. Owners, Contra Costa County. Contractors, Hall & Smith, Martinez. Contract price, $4,513.

HOTELS.

GRASS VALLEY, NEVADA CO., CAL.—Hotel and stores, 4 story and base, reinforced concrete, $75,000. Architects, Woollett & Woollett, Berkeley. Owners, Grass Valley Hotel Co. Will cover a considerable ground area and will be arranged for stores on the first floor besides the hotel lobby and dining rooms. Upper floors will contain in the neighborhood of 75 rooms. Plans are being prepared.

CROCKET, CONTRA COSTA CO., CAL.—Hotel addition, 2 story, frame. Cost not stated. Architect, none. Owners, Hotel Crocket Co. George McCloud, Mgr. The new addition will contain sixteen rooms and several baths. Plans complete and work to be done by Day Labor.

IRRIGATION PROJECTS.

MADERA, MADERA CO., CAL.—Irrigation project. Cost not stated. Engineers, Clair & Stafford, Madera. Owners, Madera Irrigation District. The cost of the proposed Madera Irrigation System, to impound the flood waters of the San Joaquin River in the bed of Fine Gold Creek will be computed in about three weeks by Frank Clair and P. M. Stafford, the engineers who have just completed the survey. The cost will run into millions. A diversion dam across the San Joaquin River will be built near the mouth of Fine Gold Creek. Three reservoirs are to be built. One dam, 900 feet long and 228 feet high is to be built at Standard Mill. It will back water for five miles and hold 100,000 acre feet. Another at the Old Henrietta mine will be 1,042 feet long, 367 feet high and impound 250,000 acre feet. The third dam will be at Armstrong, and will hold about 50,000 acre feet. Water is to be diverted from the Lower North Fork through a canal and tunnels to the upper dams. Water was formerly brought down this way to a mine. A system of canals will distribute the water to the plains where 400,000 acres are available for irrigation.

LIBRARIES

SAN FRANCISCO—Library, 2 story and base, brick and steel, $45,000. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owners, City and County of San Francisco. P. J. Lynch presented the lowest figure for the general construction of the Sunset branch library, and while the total cost of the building is above the amount available, slight changes can be made which will bring the cost down. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

RESIDENCES.

SAN FRANCISCO—Residences, 5, 1 story and base, frame, $2,000 each. Architects, Marrow & Garren, Chronicle Bldg., S. F. Owner, B. Betz, Chronicle [illegible] Location, [illegible] Each dwelling to contain [illegible] and basement [illegible] complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story [illegible] $4,000. Architect [illegible] Owner, Paul Scharrenberg, [illegible] street, S. F. Location, [illegible] Work will consist of adding two rooms, [illegible] Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 2, story and base, frame, $3,000 each. Architect none. Owners, Nelson Bros., 193 5th avenue, S. F. Location, north Balboa east 18th avenue. Each house will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.— Residence, 1 story and base, frame, $2,500. Architect, none. Owner, I. C. Taylor, 3758 Shafter avenue, Oakland. Location, west Montfomery south Mather. Will contain six rooms, bath and separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, H. R. Church, 2507 Webster street, Berkeley. Location, west Oakland avenue south Pearl. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, H. G. Smith. Location, Thousand Oaks. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame. Cost not stated. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner, Mrs. Lizzie P. Evans. Each house will contain five rooms, bath and sleeping porch. Plans complete and figures being taken.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, Lincoln avenue Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Andrew Anderson, 3030 Arkansas street, Oakland. Location, north Arkansas east Peralta. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 5, 1 story and base, frame, $2,000 each. Architect, none. Owners, Schmitz & Schuldt, Addison and Roosevelt streets, Berkeley. Location, Addison and Roosevelt streets. Each house will contain five rooms, bath and sleeping porch. Separate garages. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Thomas A. Russell, 62nd and Hillegass, Oakland. Location, north 62nd west Lowell. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,000. Architect, none. Owner, O. Lebaldero, 1430 Cypress street, Oakland. Location, south Scott west Marlin. Will contain four rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $4,000. Architect none. Owner, A. E. Burten, 4129 Carrington avenue, Oakland. Location, east 41st avenue south San Carlos. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, 44,000. Architect, none. Owner J. Howard, 6081 Claremont avenue, Oakland. Location, southwest Harvard road and Ross street. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, Edward Larmon, 470 Boulevard avenue, Oakland. Location, west 7th avenue north East 8th street. Will contain four rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALBANY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, W. E. Taylor, 1433 Ada street, Berkeley. Location, east Santa Fe south Washington. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

MT. DIABLO, CONTRA COSTA CO., CAL. Residence, 2 story and base, frame, $30,000. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, William Letts Oliver. Location, Mt. Diablo Park. Will contain fifteen rooms, four baths and sleeping porch. Separate garage and other out buildings. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, G. H. Stevens, Fresno. Location, Alta Vista Tract. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $4,000. Architect, none. Owners, Central California Land and Improvement Co., 955 I street, Fresno. Location, La Sierra Tract. Will contain eight rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

ALTADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, stone and plaster. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, F. R. Welles, Paris. Location, Mendocino and Visscher Place. Will contain fifteen rooms, five baths, and sleeping porch. Separate garage and other outbuildings. Plans being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owners, West End Building Association, 1536 Webster street, Alameda. Location, 1609 9th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SCHOOLS.

SANTA ROSA, SONOMA CO., CAL.—Schools, 2, 1 story and base, brick or hollow tile, $60,000 each. Architects, Turton & Herbert, Bank Bldg., Santa Rosa, associated with Sexton & Ellery, Merchants' National Bank Bldg., S. F. Owners, City of Santa Rosa. These architects have just been commissioned to prepare the plans and details of construction are not available. Further mention will be made of the work.

CARNEROS SCHOOL DISTRICT, NAPA CO., CAL.—School, 1 story, frame. Cost not stated. Architect, L. M. Turton, Napa. Owners, Carneros School District. The building has been designed for a district school. Plans are complete and figures being taken. Bids open on March 7th.

PLACERVILLE, EL DORADO CO., CAL.—Schools, 2, 1 story, hollow tile and frame, $27,000 and $3,500. Architects, Sexton & Ellery, Merchants' National Bank Bldg., S. F. Owners, Town of Placerville. The official date of opening bids for this work, which has been described here before, has been set for March 15th.

CHOWCHILLA, MADERA CO., CAL.—School, 2 story and base, brick, $40,000. Architect, E. J. Kump, Rowell Bldg., Fresno. Owners, Chowchilla School District. The building will contain eight class rooms and an auditorium seating 750 people. Plans are complete and figures being taken. Bids open on March 3rd.

MERCED, MERCED CO., CAL.—School, 1 and 2 story and base, brick and reinforced concrete, $150,000. Architect, J. E. Allison, Hibernian Bldg., L. A. Owners, Merced Union High School District. Designed for a Union High School and will contain 18 class rooms, special departments and an auditorium. Plans complete and waiting approval of the Board of Education.

LAS VEGAS, NEV.—School, 1 story and base, reinforced concrete. Cost not stated. Architects, Wilson & Eager, American Bank Bldg., Monrovia. Owners, Clark County. Will contain 16 class rooms, auditorium, etc. The building covers an area of 140 by 170 feet. Plans complete and figures being taken. Bids open on March 11th at 12 noon.

WEST LINN, ORE.—School, 1 story, hollow tile, $14,000. Architects, Claussen & Claussen, McCleary Bldg., Portland. Owners, West Linn School District. The building will contain four class rooms, an auditorium and domestic science room. Plans are being prepared.

SAN FRANCISCO—School structural iron and fire escapes, $6,830. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, City and County of San Francisco. Contractors, Golden Gate Iron Works. Contract price, $6,830.

JUNEAU, ALASKA—School, 3 story and base, reinforced concrete, $50,780. Architect, Harlan Thomas, Arcade Bldg., Seattle, Wash. Owners, City of Juneau. Contractor, Peter Woeck, Arcade Bldg., Seattle, Wash. Contract price, $50,780.

SEWERS, STREET WORK & WATER SYSTEMS.

SACRAMENTO, CAL. — Furnishing sand and rock. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Bids will be opened on March 2nd for the furnishing of one hundred thousand tons of coarse aggregate (crushed rock or gravel) and sixty thousand tons of fine aggregate (sand), in accordance with the requirements of Highway Commission specifications No. 1, which are on file with the Board of Supervisors. The material is required for the construction of concrete highways. Bidders shall make their own proposal forms.

FOLSOM, SACRAMENTO, CO., CAL.—Street paving. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. The County Surveyor will make a survey of all streets in Folsom. The county is preparing to pave with concrete the main streets of Folsom as part of the highway system. The expense of the work will be paid fir by the Folsom Sanitary District and the county.

SACRAMENTO, CAL. — Unloading sand and rock. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Bids will be opened on March 2nd for the unloading into stock piles of 160,000 tons of rock and sand to be used in the constructin of concrete highways. The work of unloading is to be done in accordance with Highway Commission specifications No. 2, which are on file with the Board of Supervisors. The material is to be unloaded according to the requirements for highway construction and in accordance with directions given by the Sacramento County Highway Commission. A minimum quantity of one hundred thousand tons is to be stock piled by July 1, 1917. Bidders shall furnish their own proposal blanks.

SAN BRUNO, SAN MATEO CO., CAL.—Street improvements. Cost not stated. Engineer, Town Engineer, San Bruno. Owners, Town of San Bruno. At the last meeting of the City Trustees, definite steps were taken in several pieces of street and sidewalk work. Engineer Kneese was instructed to prepare plans and specifications for the work contemplated and petitioned for in South Belle Air Park, Fifth Addition, First Addition and Angus, Mastick and Huntington avenues. The work in South Belle Air will consist of street work and bridges. The Fifth Addition and First Addition will also have streets installed, while the triangular tract from the post office to the United Railway's tracks and to San Mateo avenue will have sidewalks and curbs installed with the improvement.

SANTA ROSA, SONOMA CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. The County Supervisors have instructed County Surveyor Malcolm G. Youker to make a survey for a road from Guerneville to Monte Rio on the north side of the river. Also from Monte Rio to Camp Meeker by way of "Dutch Hill" Canyon.

FRESNO, FRESNO CO., CAL.—Storm sewers. Cost as follows. Engineer, City Engineer, Fresno. Owners, City of Fresno. B. E. Cronkite, newly ap-

pointed engineer for sewer work under the recent bond issue, and formerly City Engineer of Fresno, reports that plans for which $100,000 were voted, providing for the construction of a storm drainage sewer system will be ready for adoption by the Council at its next meeting. Contracts for the work will be let as soon as possible so that the system can take care of the next city water flood.

LOS ANGELES, CAL.—Tunnel construction. Cost not stated. Engineer, City Engineer, Los Angeles. Owners, City of Los Angeles. Bids will be received by the Board of Public Works up to 10 a. m. of March 26th for the construction of a single bore, tile lined, masonry tunnel, 1,502 feet in length, in Second street, from Hill street to Flower street. The estimated cost is $700,000. It will be 28 feet high, and of reinforced concrete and brick construction with tile facing. Plans and specifications may be obtained from the City Engineer. The estimated quantities are: 1,502.5 linear feet timbering and centering for arch; 99,700 cubic yards excavation; 109,670 cubic yards of earth to be hauled (including 10% increase over concrete); 2,710.2 M brick in arch; 125,620 square feet white enameled tile; 1,500 linear feet gravel backfilling; 126,000 square feet plaster intrados (material for two and labor for one coat, the labor on second coat being included in tile work); 361,850 pounds steel reinforcement; 9,750 feet sidewalk; 1,502 feet curb; 62,200 square feet bitulithic paving; 600 cubic feet ornamental stone work.

SAN FRANCISCO — Sidewalks and steps, reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Bids will be opened on March 15th at 11 a. m. for constructing sidewalks and steps in the Presidio of San Francisco. Plans and specifications can be secured from the office of the Constructing Quartermaster.

OAKLAND, CAL. — Sewer construction. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on March 8th for sewer construction authorized under the following resolution: That a sewer having an internal diameter of 8 inches be constructed on Flemming avenue near Courtland avenue; also two brick manholes, a lamp hole with top of brick and cast iron, and Y branches having 5-inch openings. The aforesaid sewer, Y branches and lamp hole (excepting the top thereof) shall be constructed of vitrified sewer pipe.

STOCKTON, SAN JOAQUIN CO., CAL. Highway improvement. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Bids will be opened on March 6th at 10 a. m. for improvement work on the New Hope Landing Road from the town of New Hope west to the New Hope Landing bridge, thence southerly and westerly across Staten Island to Miller Ferry bridge.

AUBURN, PLACER CO., CAL. — Street paving. Cost not stated. Engineer, City Engineer, Auburn. Owners, City of Auburn. The City Trustees have adopted plans and specifications and a resolution has been passed to pave the main streets of Auburn, from the Nevada street station to the Railroad street station with five-inch concrete paving and a wearing surface of asphalt, oil and gravel three quarters of an inch thick. Bids will be called for shortly.

STOCKTON, SAN JOAQUIN CO., CAL. —Street improvement. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. At the last meeting of the San Joaquin County Supervisors, plans and specifications were ordered prepared for the construction of streets in the town of Escalon. Bids will be called for on completion of plans.

EUREKA, HUMBOLDT CO., CAL.—Sewer construction. Cost not stated. Engineer, City Engineer, Eureka. Owners, City of Eureka. The City Council has ordered bids received for the construction of a sewer for West avenue. Plans may be had from the City Clerk.

HANFORD, KINGS CO., CAL.—Drainage system. Cost as follows. Engineer, City Engineer, Hanforrd. Owners, City of Hanford. Consideration of plans for the construction of a drainage system in this city was given at the last meeting of the City Trustees. The plans as proposed will cost it is estimated, $36,400.

FRESNO, FRESNO CO., CAL.—Sewer extension. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council has directed the Ctiy Engineer to prepare the necessary plans and specifications for the extension of a sewer lateral from Orchard to First street in Sohm"s Addition No. 2.

FRESNO, FRESNO CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Resolutions of intention have been passed and plans approved for the paving of Calaveras street from H street to M street, and B street from White's bridge road to Fresno street. The work will be done by district assessment, covering two blocks on each side of B street. Petition for grading Iowa avenue, from First to Ninth street, was approved.

SANTA ROSA, SONOMA CO., CAL.—Fencing highway Cost not stated. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Bids will be opened on March 5th for the construction of a woven wire fence on State highway, over the properties of Wharf and Formslag, near Penn Grove.

NAPA, NAPA CO., CAL.—Belt conveyor. Cost not stated. Engineer, County Surveyor, Napa. Owners, Napa County. Bids will be opened on March 5th at 2 p. m. for portable three-section belt conveyor to convey gravel and crushed rock, engine attached, capable of conveying 200 cubic yards per day of eight hours work.

SANTA ROSA, SONOMA CO., CAL.—Comfort station, concrete. Cost not stated. Architect, none. Owners, City of Santa Rosa. Location, Library Park. Plans are complete and awaiting approval of the City Trustees.

Contract Awarded.

ALBANY, ALAMEDA CO., CAL. — Street improvement. Cost as follows. Engineer, Town Engineer, Albany. Owners, Town of Albany. The Albany Board of Trustees has awarded the contract for the paving of San Pablo avenue, from the boundary line of Berkeley to the Contra Costa County line. The Albany contract was awarded to W. J. Schmidt, Cedar and Sacramento streets, Berkeley, the cost amounting to $20,798.75. In Albany the entire width of the avenue will be paved with "Warrenite," the county having awarded the contract for paving an 18-foot [illegible] with "Warrenite" on this strip.

FRESNO, FRESNO CO., CAL. [illegible] Cost not stated. Engineer, City Engineer. Plans on file in office City of Fresno. The City Council has awarded a contract to the Wood-Allen Co., Union National Bank Bldg., Fresno, for the following work: That the alley in block 78, from Kern street to Tulare street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a 1½-inch bitulithic wearing surface.

ASTORIA, ORE. — Highway work. Cost as follows. Engineer, County Surveyor, Astoria. Owners, Clatsop County. The contract for the clearing, grading and preparing the proposed Lewis and Clark road has been awarded to Fred C. Feldschau of Tillamook, Ore., at $20,621.39. Montague-O'Reilly Co., Blake-McFall Bldg., Portland, secured the contract for the paving of the same road on its bid of $41,573.89. The pavement selected was asphaltic concrete.

SANTA ROSA, SONOMA CO., CAL.—Sewer pipe, $1,372.35. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, Capital Sewer Pipe Co., Sacramento. Contract price, $1,372.35.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Street paving, $4,206.90. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Contractor, Brian Byrne, Santa Cruz. Contract price, $4,206.90.

STORES AND OFFICES.

SAN FRANCISCO—Office addition, 1 story, reinforced concrete, $30,000. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, Balfour-Guthrie Co. Location, north California east Sansome. The new addition will give the owners 4,605 additional square feet. Besides the addition the present floors will be rearranged and new office fixtures installed. Plans are being prepared.

SAN FRANCISCO—Stores and lofts, 3 story and base. Class C construction. Cost not stated. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Sharon Estate. Location, northwest Second and Stevenson. Will contain one store on the first floor and light lofts above. Plans complete and figures being taken.

SAN FRANCISCO—State offices, 4 story and base. Class A construction $1,000,000. Architects, Bliss and Faville, Balboa Bldg., S. F. Owners, State of California. Location, Civic Center. The announcement of the selection of these architects has just been made as a result of the final competition held among eight local architects. Further details will be given as the plans progress.

HANFORD, KINGS CO., CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, none. Owner, Charles Hoskins, Hanford. Location, 7th St., near Abbott, covering an area of 50 by 70 feet. Will contain two stores. Plans complete and in the hands of the owner.

SACRAMENTO, CAL. — Department store addition, 1 story. Class A construction, $60,000. Architect, James [illegible] Forum Bldg., Sacramento. Consulting Engineer C. H. Snyder, 251 Kearny street, S. F. Owners, Weinstock-Lubin Co. The new addition will

cover an area of 80 by 97 feet. Plans are complete and bids are being taken.

PASADENA (LOS ANGELES Co., Cal. Stores and offices; 3 story and base. Class C construction. Cost not stated. Architect John Parkinson, Title Insurance Bldg., L. A. owners T. W. Mather Co. Location, northwest Colorado and Marengo avenue, covering an area of 80 by 120 feet. Plans are being prepared.

LOS ANGELES (AL. Lofts, 2, 10 story and base. Class A, reinforced concrete, $50,000. Architect Frank J. Stiff, Van Nuys Bldg., L. A. Engineer, George W. Harding, H. W. Hellman Bldg., L. A. owner M. J. Connell, Union League Bldg. Location, Los Angeles street between 7th and 8th streets. Plans complete and ready for figures.

Contract Awarded.

RICHMOND (CONTRA COSTA CO., CAL. Offices; 3 story and base. Class C construction. Cost not stated. Architect, none. Owners, Standard Oil Co. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price not stated.

THEATRES.

SAN FRANCISCO. Theatre, 1 story and base. Class A construction, $90,000. Architects, Reid Bros., California Pacific Bldg., S. F. Owner, J. R. Hanify. Location, northwest Fillmore and Eddy streets, covering an area of 102 by 123 feet. Plans complete and portion of contract awarded. Balance of the work to be let shortly. Excavation and concrete work awarded to John Spargo, 240 Montgomery street, $19,860; structural steel work awarded to Dyer Bros., $20,500.

OAKLAND, CAL. Theatre, 1 story, brick, $12,000. Architect, none. Owners, Jasperson and Dippo, 980 38th St., Oakland. Location, west San Pablo avenue north 27th street. Designed for a motion picture house. Plans complete and work to be done by Day Labor.

SEALED PROPOSALS.

PROPOSALS FOR EXCAVATION.

EXCAVATION Department of the Interior, United States Reclamation Service, Washington D. C. Sealed proposals will be received at the office of the United States Reclamation Service, Fort Laramie, Wyo., until **2 o'clock p. m. March 15, 1917,** and will at that hour be opened, for earthwork and structures on the Fort Laramie Canal North Platte project, Wyoming, involving the excavation of 2,27,000 cubic yards of material and the placement of 30,000 cubic yards of concrete, 1,000,000 pounds of steel and 78 gates. The work is near Fort Laramie, Torrington and Lingle, Wyo., and the C. B. & Q. Railway. For particulars address the United States Reclamation Service, Washington, D. C., Denver, Colo. or Fort Laramie, Wyo. A. P. DAVIS, chief engineer.

PROPOSALS FOR EXCAVATION.

EXCAVATION—Department of the Interior, United States Reclamation Service Washington, D. C. Sealed proposals for the construction of laterals on the Shoshone project involving about 22,000 cubic yards of excavation, will be received at the office of the United States Reclamation Service, Powell, Wyo., until **2 o'clock p. m. March 15, 1917,** and will then be opened. The work is located near the stations of Frannie, Meeteetse and Garland, Wyo., on the C. B. & Q. Railroad. For particulars address the United States Reclamation Service, Washington D. C., Denver, Colo. or Powell, Wyo. A. P. DAVIS, chief engineer.

PROPOSALS FOR PAINTING.

PAINTING PLASTERING—Office Supervising Architect, Treasury Department, Washington. Sealed proposals will be received at this office until **3 p. m. March 6, 1917,** for painting plastering in the U. S. post office at Medford, Ore. For further information address the supervising architect.

NOTICE TO CONTRACTORS.

Clark County High School, Las Vegas, Nevada.

SEALED PROPOSALS will be received by the undersigned **up to twelve o'clock, noon, March 14th, 1917, for the furnishing of all labor and materials for the construction of a County High School Building to be erected on the High School site at Las Vegas, Nevada,** according to plans and specifications prepared by Wilson & Eager, Architects, American National Bank Bldg., Monrovia, California.

Drawings and specifications are to be had from the Clerk of the County Board of Education, Las Vegas, Nevada, and at the Office of the Architects.

Contractors desiring drawings and specifications will be required to deposit twenty dollars ($20.00) cash, or a certified check for that amount, to guarantee the return of the plans and specifications. In the event that the drawings are retained during the entire period allowed for estimates, and the contractor shall fail to enter a bid for this work, he shall forfeit one-half ten dollars ($10.00) of the deposit.

Blank forms of proposal are attached to specifications and must be used by Contractors in submitting their estimates.

All proposals must be addressed to the Clerk, County Board of Education, Las Vegas, Clark County, Nevada, and the envelopes plainly marked "Proposal for School Building," and must be accompanied by a certified check for five per cent (5%) of the amount of the bid, made payable to the Clerk of the County Board of Education, Clark County, Nevada. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., Feb. 21, 1917.—SEALED PROPOSALS, in triplicate, for constructing concrete sidewalks, walks and steps at Presidio of San Francisco, Cal., will be received here **until 11 A. M. March 15, 1917,** and then opened. Further information on application. (*)

NOTICE TO CONTRACTORS.

THE BOARD OF TRUSTEES of the Merced Union High School District, Merced, Merced County, California, will receive sealed proposals **until 2 o'clock P. M., March 17th, 1917, at the High School Building, corner Huffman Ave. and 22nd street, Merced, California,** at which time and place said bids will be opened and read in public, for furnishing all labor and materials for, and erecting and completing new High School Buildings in accordance with plans and specifications prepared therefor by Allison & Allison, Architects, 1405 Hibernian Building, Los Angeles, California.

Bids will be received for the different parts of the work as follows:

For General Contract work as per Bid No. 1, Bid No. 2 and Bid No. 3, with Alternate bids A, B, C, D, E, F, G, and E (see specifications).

For Plumbing, Gas Fitting and Sewering as per Bid No. 1 with Alternate bids A and B (see specifications).

For Heating and Ventilating as per Bid No. 1, with Alternate bids A and B (see specifications).

For Program Clock and Bell System as per Bid No. 1, with Alternate bid A (see specifications).

Cashier's or certified check or bidder's bond for an amount not less than five (5) per cent of amount of bid in each case, drawn payable to Walter H. Robinson, Secretary of the Board of Trustees, Merced Union High School District, must accompany each bid as a guarantee that the bidder, if requested, will within ten (10) days after receiving notice of the acceptance of bid, enter into contract with said Trustees in accordance therewith, and furnish the required bonds. The said check or bond to be forfeited to the said High School District should the bidder fail to execute contract and bonds as above mentioned.

All bids to be made on forms furnished by the Architects.

Plans and specifications for all of the above work may be seen at the office of said Architects. One copy is on file at the office of the County Surveyor in the Court House at Merced, California, for reference and use of local sub-contractors.

A deposit of $25.00 will be required from all contractors receiving plans; said deposit to be refunded to bidders when plans and specifications are returned in good condition.

The said Board of Trustees reserves the right to reject any or all bids, and to waive any informality in any bids received.

By order of the Board of Trustees of the Merced Union High School District, Merced, Merced County, California.

WALTER H. ROBINSON,
Secretary. (*)

PLACERVILLE, El Dorado Co., Cal.—Superintendent Antone Hassler has returned from Caldor and states the operations of the California Door Company would begin as early as possible this year, probably in March.

Thirty men are already working at the Diamond Springs headquarters of the company.

COST FINDING IN THE PAINTING BUSINESS.

"Cost finding with reasonable accuracy is not as difficult as is generally supposed, and it can be practiced without great expense," the International Association of Master House Painters and Decorators of the United States and Canada was told at its annual convention at New Haven, Conn., recently by Special Agent Walter B. Palmer, of the Bureau of Foreign and Domestic Commerce. "If there is some additional expense for keeping cost-finding records, which is not probable in the case of the small contractor," he added, "it will be more than offset by the insurance against inaccurate computations in bidding."

Mr. Palmer, in his address, discussed in detail the requirements of the business represented by the members of the convention, and said that until the industry adopted a uniform cost-finding system, it would suffer the evil results of wild, reckless bidding. He urged the master painters and decorators of America to keep pace with the forward movement.

SACRAMENTO, Cal.—The pay roll of the Southern Pacific Company's shops in this city for 1917 will be greater, probably, than for any previous year in the company's history. This is because of the fact that 2,000 freight cars are to be built here during the next six or eight months.

The preliminary work on this big task is already under way. The car shops are being re-arranged, specifications are being drawn, patterns are being made, etc.

The cost of these new cars is to be $1,800 and the total investment in this order will be $3,600,000. Most of this will be expended for labor and will be disbursed in this city.

The company is having the cars constructed here as a matter of economy. It has been ascertained that by constructing them here a saving of 15 per cent can be made, or a total of more than half a million dollars on the order.

This big order will keep the local shops humming for many months.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

SIDEWALKS AND STEPS—Reinforced concrete. Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Bids will be opened on March 15th at 11 a. m. for constructing sidewalks and steps in the Presidio of San Francisco. Plans and specifications can be secured from the office of the Constructing Quartermaster.

RESIDENCES—5, 1 story and base, frame, $2,000 each. San Francisco. Architects, Morrow & Garren, Chronicle Bldg., S. F. Owner, B. Getz, Chronicle Bldg. Location, east 39th avenue north Anza. Each dwelling will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE ALTERATION—2 story, frame, $2,000. San Francisco. Architect, Harold F. Genss, 553 Baker St., S. F. Owner, Paul Scarrenurg, 135 Paris street, S. F. Location, 135 Paris street. Work will consist of adding two rooms, interior and exterior alterations. Plans complete and work to be done by Day Labor.

RESIDENCES—3, 2 story and base, frame, $5,000 each. San Francisco. Architect, none. Owners, Nelson Bros., 493 5th avenue, S. F. Location, north Balboa east 18th avenue. Each house will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $18,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Herman Hogrefe, 110 Upper Terrace, S. F. Location, northwest Sacramento and Pierce streets, covering an area of 45 by 56 feet. Will contain one store and nine suites of three rooms and bath. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $15,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, James Cantley, 1370 Green street, S. F. Location, west Laguna north Pine, covering an area of 25 by 84 feet. Will contain six apartments of three rooms each. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base; frame, $15,000. San Francisco. Architect, none. Owner, W. C. Mahomey, 2221 Larkin street, S. F. Location, northeast Ashbury and Grove streets, covering an area of 25 by 85 feet. Will contain six suites of three rooms each. Plans complete and work to be done by Day Labor.

FLATS—2, 2 story and base, frame, $4,000 each. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner E. A. Janssen, Hearst Bldg. Location, west 5th avenue south Cabrillo. Each building will contain two flats of five rooms and bath. Basement garages. Plans complete and work to be done by Day Labor.

LIBRARY—2 story and base, brick and steel, $45,000. San Francisco. Architect, G. Albert Lansburgh, 400 Mission street, S. F. Owners, City and County of San Francisco. P. J. Lynch presented the lowest figure for the general construction of the Sunset branch library and, while the total cost of the building s above the amount available, slight changes can be made which will bring the cost down. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

STORES AND LOFTS—3 story and base, Class C construction. Cost not stated. San Francisco. Architect, George William Kelham Sharon Bldg., S. F. Owners, Sharon Estate. Location, northwest Second and Stevenson. Will contain one store on the first floor and light lofts above. Plans complete and figures being taken.

OFFICE ADDITION—1 story, reinforced concrete, $30,000. San Francisco. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, Balfour-Guthrie Co. Location, north California east Sansome. The new addition will give the owners 4,605 additonal square feet. Besides the addition, the present floors will be rearranged and new office fixtures installed. Plans are being prepared.

STATE OFFICES—4 story and base Class A construction, $1,000,000. San Francisco. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, State of California. Location, Civic Center. The announcement of the selection of these architects has just been made as a result of the final competition held among eight local architects. Further details will be given as the plans progress.

THEATRE—1 story and base Class A construction, $90,000. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, J. R. Hanify. Location, northwest Fillmore and Eddy streets, covering an area of 102 by 123 feet. Plans complete and portion of contract awarded. Balance of the work to be let shortly. Excavation and concrete work awarded to John Spargo, 240 Montgomery street, $19,860; structural steel work awarded to Dyer Bros., $20,500.

Contract Awarded.

SCHOOL STRUCTURAL IRON AND FIRE ESCAPES—$6,830. San Francisco. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, City and County of San Francisco. Contractors, Golden Gate Iron Works. Contract price, $6,830.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
447	Myers	Dillon	[illegible]
448	Dunne	Jensen	[illegible]
449	Schneeberger	Dalley	[illegible]
450	Allee	Peterson	11145
451	Assoc. Oil	Gutleben	[illegible]
452	McDevitt	Brandon	7160
[illegible]	Green	Commary	6791
[illegible]	Osborn	Montgomery	4790
[illegible]	Same	Hooper	400
[illegible]	Hansen	Hansen	1000
[illegible]	Metcalfe	Kromnick	750
[illegible]	University Club	Owner	400
[illegible]	Mattison	Lewis	1000
460	Hogrete	Hogrete	18000
[illegible]	Ghiotto	Ghiotto	1950
462	Selig	Selig	1150
[illegible]	Wheeler	Sibley	2950
464	Eberly	Diested	415
[illegible]	Schmidt	Hansen	2030
[illegible]	Hanify	Spargo	19860
[illegible]	Same	Dyer	20500
[illegible]	Artigues	Filippis	1500
[illegible]	Murray	Murray	2400
[illegible]	Cantley	Cantley	3000
471	Janssen	Janssen	4000
[illegible]	Same	Same	4000
[illegible]	Getz	Getz	2000
[illegible]	Same	Same	2000
[illegible]	Same	Same	2000
476	Same	Same	2000
477	Same	Same	2000
[illegible]	Tomaghelli	Pordon	3950
479	Hoopet	Knowles	1875
480	Bankers Invst	Larsen	[illegible]
481	Same	Otis	14527
[illegible]	Burgess	Peters	1351
[illegible]	Sterling Rlty	Manseau	2950
484	Same	Same	2950
[illegible]	Same	Same	2950
486	Same	Same	2950
487	Same	Same	2950
488	Same	Same	2950
489	Crellin	St. Francis	4940
490	Voss	Nyman	1500
491	Brode	Peterson	3658
492	Levenson	Kragen	450
493	Sanit'm Food	Kragen	400
494	Roth	McDonald	450
495	Mahoney	Mahoney	14000
496	Thierbach	Gilley	1757
497	S F Land	Palmer	70000
498	Marvin	Rednall	1260
499	Hemmen	Garofalo	1500
500	Voight	Sprague	1400
501	Sanguinetti	Owner	1200
502	Oxford	Smith	400
503	Goodman	Norstrom	450
504	Larezzo	Larezzo	400
505	Lichtenberg	Lichtenberg	500
506	Globe Rlty	Spence	450
507	Tognoli	Farnocchia	500
508	Fischell	Fischell	400
509	Fleishmann	Hansen	11000
510	Com'l Center Rlty	Moller	8584
511	Roberts	Roberts	1800
512	Motroni	Polati	970
513	[illegible]	Brode	2000

EXCAVATION

[illegible] S PINE 103-1½ E Sansome 34-4½ x137-6. All work for excavation of lot.

Owner . . L. A. Myers, 68 Post, S. F.
Architect . . . None.
Contractor . . Dillon Teaming Co., 413 Berry, San Francisco.
Filed Feb. 19, '17. Dated Feb. 16, '17.
[illegible] work completed. 25%
Completed and accepted. 50%
Usual 35 days. 25%
TOTAL COST, $600

Bond, $300. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, none. Plans and specifications none.

BRICK BUILDING

[illegible] S FIRST AND FOLSOM SW [illegible] xSE 100. All work except elevators and dumb elevators for four-story and basement brick building.

Owner . . . . . Catherine Dunne Co.
Architect . . . Alfred Kuhn.
[illegible] for G P W Jensen [illegible] Market, San FFrancisco.
Filed Feb. 19, '17. Dated Dec. 28, '16.
[illegible] of each month [illegible]
[illegible] 35 days [illegible]
TOTAL COST [illegible]
[illegible] none. Limit, [illegible] Plans and specifications [illegible]

FRAME BUILDING
(449) SW MEDA AVE about 265 E Delano Ave. All work for one-story frame building.
Owner.....Ernest and Dora Schneeberger.
Plans by Contractor.
Contractor..Bailey & Connell.
Filed Feb. 19, '17. Dated Feb. 19, '17.
Frame up.....$450
Brown coated.....450
Completed.....450
Usual 35 days.....450
TOTAL COST, $1800
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ADDITION
(450) W FOLSOM 173 S 17th W 122-6 xS 25. All work except electric fixtures and hardware for two-story Class "C" reinforced concrete addition to cleaning establishment.
Owner.....Jean Aller, 2148 Folsom, San Francisco.
Architect...August G. Headman, New Call Bldg., S. F.
Contractor..H. L. Petersen, 62 Post, San Francisco.
Filed Feb. 19, '17. Dated Feb. 15, '17.
Concrete foundation in.....$1000
2nd floor concrete slab poured..2175
Roof slab poured.....2170
Completed and accepted.....3000
Usual 35 days.....2800
TOTAL COST, $11,145
Bond, $5573. Surety, New Amsterdam Casualty Co. Limit, 60 days. Forfeit, $20. Plans and specifications filed.

EXTENSION
(451) SIXTEENTH AND ILLINOIS. All work for extension to platform roof, including electric wiring and painting of structural steel for San Francisco distributing station.
Owner.....Associated Oil Co., Sharon Bldg., S. F.
Architect...None.
Contractor..Gutleben Bros., New Call Bldg., San Francisco.
Filed Feb. 19, '17. Dated Feb. 9, '17.
On completion.....75%
Usual 35 days.....Balance
TOTAL COST, $1871
Bond, $1871. Surety, New Amsterdam Casualty Co. Limit, forfeit, none. Plans only filed.

FRAME STORE
(452) NW SIXTH AND MINNA 50 on 6th and 100 on Minna. All work for one-story and basement brick and frame store building.
Owner.....Jas. E., Jos. T., Francis A., Mary F., Margaret T. and Vincent P. McDevitt, Postal Telegraph Bldg., S. F.
Architect...E. A. Garin, Hearst Bldg., San Francisco.
Contractor..Brandon & Lawson, 180 Jessie, San Francisco.
Filed Feb. 19, '17. Dated Feb. 10, '17.
1st floor joists in place.....$1290
Brick walls up and rough floor laid.....1410
Roof on.....1420
Completed.....1250
Usual 35 days.....1790
TOTAL COST, $7160
Bond, none. Limit, 60 days after Feb. 12. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(453) SW STEVENSON AND ECKER. All work for alterations and additions to building.
Owner.....Chas. E. Green, 523 Crocker Bldg., San Francisco.
Architect...Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor..W. T. Commary, 742 Market, San Francisco.
Filed Feb. 19, '17. Dated Feb. 17, '17.
On or before 10th of each month 75%
Usual 35 days.....25%
TOTAL COST, $6791
Bond, $3395.50. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(454) S ALMA 100 W Shrader S 100 W 34-7½ N 100-2⅜ E 27-10¼ to beg. Grading, concrete, brick and mill work, lumber, roofing, hardwood floors, stairs, glass and glazing, rough hardware, tiling, marble work, lathing and plastering and bell and electric work for two-story and basement from (2) flats.
Owner.....Franklin W Dakin and Wilfrid J. Osborn, 683 6th Ave., San Francisco.
Architect...T. Paterson Ross, 310 California, San Francisco.
Contractor..E. J. Montgomery, 1320 Broadway, S. F.
Filed Feb. 19, '17. Dated Feb. 15, '17.
Roof rafters set.....$ 890
Brown coat on walls and ceiling 900
Standing finish on.....900
Completed and accepted.....900
Usual 35 days.....1200
TOTAL COST, $4790
Bond, $2395. Sureties, Chas. Schlesinger and John H. Brickwedel. Limit, 80 days. Forfeit, $5. Plans and specifications filed.

(455) PLUMBING, SEWERING AND gas fitting on above.
Contractor..F. E. Hooper.
Filed Feb. 19, '17. Dated Feb. 15, '17.
Roughed in.....$180
Completed and accepted.....185
Usual 35 days.....125
TOTAL COST, $490
Bond, $245. Sureties, Chas. H. Linn Sr. and Wilfred J. Osborn. Limit, 80 days. Forfeit, $5. Plans and specifications filed.

FRAME DWELLING
(456) E ANDERSON 100 S Jarboe. One and one-half-story and basement frame dwelling.
Owner.....L. C. Hansen, 645 Capp, San Francisco.
Architect...None.
Day's work. COST, $1000

ALTERATIONS
(457) S GEARY 150 W Powell. Alter theatre front.
Owner.....G. A. Metcalfe, 117 Golden Gate Ave, San Francisco.
Architect...J. T. Carter, 1002 Crocker Bldg., San Francisco.
Contractor..Kronnick Bros., 1659 O'Farrell, San Francosco.
COST, $700

ALTERATIONS
(458) NE CALIFORNIA AND POWELL Door, glazing, wainscot, painting, etc. for club.
Owner.....The University Club.
Architect...N. Blaisdell, 255 California, San Francisco.
Day's work. COST, $800

ALTERATIONS
(459) E DOUGLASS 275 S 18th. Alter dwelling into flats.
Owner.....E. S. Mattison, 537 Douglass, San Francisco.
Architect...None.
Contractor..Robt. Lewis, 41A Douglass San Francisco.
COST, $1000

FRAME APARTMENTS
(460) NW SACRAMENTO & PIERCE. Three-story and basement frame (9) apartments.
Owner.....Herman Hogrefe, 110 Upper Terrace, S. F.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $18,000

FRAME DWELLING
(461) N HAVELOCK 180 W San Jose Ave. Two-story and basement frame dwelling.
Owner.....Ghiotto Bros., 1900 San Jose Ave., S. F.
Architect...None.
Day's work. COST, $1950

ALTERATIONS
(462) NOS. 300 TO 312 MARKET. Alter fronts.
Owner.....Sylvan Selig, Premises.
Architect...None.
Day's work. COST, $1100

CLASS "B" BUILDING
(463) NE FRONT AND PINE E 57-6x N 87-6. Bulkheading, pumping, excavating, removing existing brick walls at lot line for seven-story and basement Class "B" building.
Owner.....Kate Kirkham Wheeler, 2012 Broadway, S. F.
Architect...O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor..Sibley Grading & Teaming Co., 284 Dilores, S. F.
Filed Feb. 20, '17. Dated Feb. 16, '17.
⅓ work completed.....$747.50
⅔ work completed.....747.50
Completed and accepted.....747.50
Usual 35 days.....747.50
TOTAL COST, $2990.00
Bond, none. Limit, 21 days. Forfeit, plans and specifications, none.

FIXTURES
(464) NO. 1031 MARKET. All work for installing fixtures for bakery in Daylight Market.
Owner.....J. P. Eberly.
Architect...None.
Contractor..John Diestel, Hearst Bldg San Francisco.
Filed Feb. 20, '17. Dated Feb. 19, '17
Completed and accepted.....$415
TOTAL COST, $415
Bond, limit, forfeit, plans and specifications, none.

FRAME RESIDENCE
(465) E TWELFTH AVE 125 N "K." All work for one-story and basement frame residence.
Owner.....C. Schlundt, 1474 12th Ave., San Francisco.
Architect...None.
Contractor..H. J. Hansen.
Filed Feb. 20, '17. Dated Feb. 19, '17.
Roof on.....$518
First coat plaster on.....518
Completed and accepted.....518
Usual 35 days.....518
TOTAL COST, $2090
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

THEATRE
(466) NW EDDY AND FILLMORE 275 xN 137-6. Excavation and concrete work for theatre.

Owner.....J. R. Hanify, 21 Market, San Francisco.
Architect ...Reid Bros., California-Pacific Bldg., S. F.
Contractor..John Spargo, 240 Montgomery, San Francisco.
Filed Feb. 20, '17. Dated Feb 19, '17.
On 7th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $19,860
Bond, $10,000. Sureties, Jno. Guinichio and Jos. Mulvihill. Limit, as required. Forfeit, $10. Plans and specifications filed.

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(467) FABRICATION, DELIVERY & erection in building of structural steel and cast iron on above
Contractor..Dyer Bros. Golden West Iron Works, 17th and Kansas, San Francisco.
Filed Feb. 20, '17. Dated Feb. 19, '17.
Payments same as above.....
TOTAL COST, $20,500
Bond, $11,000. Sureties, R. W. Dyer and E. E. McKenzie. Limit, May 1, '17. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(468) W GRANT AVE 58 N Pacific. Grading, concrete, reinforced concrete, cement work, sidewalk, sidewalk lights, trap door, carpentry, etc., for alterations and additions to two-story brick building.
Owner.....Mrs. Marie Artigues, 914 Lake, San Francisco.
Architect ...P. Righetti, Phelan Bldg., San Francisco.
Contractor..V. Filippis, 21 Columbus Ave, San Francisco.
Filed Feb. 20, '17. Dated Feb. 20, '17.
Grading completed and steel work set $500
Completed and accepted..... 625
Usual 35 days..... 375
TOTAL COST, $1500
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(469) LOT 24 BLK 3177 Westwood Park. All work for one-story bungalow.
Owner.....Helen I. Murray, 523 24th Ave., San Francisco.
Plans by Contractor.
Contractor..T. R. Murray, 523 24th Ave San Francisco.
Filed Feb. 20, '17. Dated Feb. 17, '17.
Frame up $600
Ready for plaster..... 600
Completed 600
Usual 35 days..... 600
TOTAL COST, $2400
Bond, $1200. Sureties, Jas P. and Elizabeth Murray. Limit, 4 months from Feb. 19. Forfeit, none. Plans and specifications filed

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FRAME APARTMENTS
(470) W LAGUNA 112-6 N Pine. Three story and basement frame (6) apartments.
Owner.....James Cantley, 1370 Green San Francisco.
Architect ...E. E. Young, 251 Kearny. San Francisco.
Day's work. COST $13,000

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(471) W FIFTH AVE 175 N Fulton. Two-story and basement frame (2) flats.
Owner.....E. A. Janssen, 1004 Hearst Bldg., San Francisco.
Architect ..C. A. Clausen, Hearst Bldg., San Francisco.
Day's work. COST, $4000

FRAME FLATS
(472) W FIFTH AVE 100 S Cabrillo. Two-story and basement frame (2) flats.
Owner.....E. A. Janssen, 1004 Hearst Bldg., San Francisco.
Architect ...C. A. Clausen, Hearst Bldg., San Francisco.
Day's work. COST, $4000

FRAME DWELLING
(473) E THIRTY-NINTH AVE 210 N Anza. One-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg San Francisco.
Architect ...Morrow & Garren, 1604 Chronicle Bldg., S. F.
Day's work. COST, $2000

FRAME DWELLING
(474) E THIRTY-NINTH AVE 270 N Anza. One-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg San Francisco.
Architect ...Morrow & Garren, 1604 Chronicle Bldg., S. F.
Day's work. COST, $2000

FRAME DWELLING
(475) E THIRTY-NINTH AVE 240 N Anza. One-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg San Francisco.
Architect ...Morrow & Garren, 1604 Chronicle Bldg., S. F.
Day's work. COST, $2000

FRAME DWELLING
(476) E THIRTY-NINTH AVE 330 N Anza. One-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg San Francisco.
Architect ...Morrow & Garren, 1604 Chronicle Bldg., S. F.
Day's work. COST, $2000

FRAME DWELLING
(477) E THIRTY-NINTH AVE 300 N Anza. One-story and basement frame dwelling.
Owner.....B. Getz, 122 Chronicle Bldg San Francisco.
Architect ...Morrow & Garren, 1604 Chronicle Bldg., S. F.
Day's work. COST, $2000

FRAME FLATS
(478) E JONES 25 S Chestnut S 25xE 65. All work except grading, foundation, concrete, cement, plaster work, finish hardware, gas and electric fixtures and window shades for two-story and basement frame (2) flats.
Owner.....G. Tomaghelli, 1836 Powell, San Francisco.
Architect ...None.
Contractor..A. Pordon, 1539 Mason, San Francisco.
Filed Feb. 21, '17. Dated Feb. 19, '17.
Roofed $987.50
Brown coated 987.50
Completed and accepted..... 987.50
Usual 35 days..... 987.50
TOTAL COST, $3950.00
Bond, $1975. Sureties, Jos. A. Floiro and John Pordon. Limit, 90 days from filing. Forfeit, none. Plans and specifications filed.

LOFTS AND STORES
(479) W BATTERY bet. Pine and California. All work for exterior cement plastering and cast cement work for [illegible]-story loft and store building
Owner . . John H Hooper by Kenneth MacDonald Jr.
Architect ...Kenneth MacDonald Jr., Holbrook Bldg., S. F.
Contractor..A. Knowles, 180 Jessie San Francisco
Filed Feb 21, '17. Dated Feb 20, '17
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $4[illegible]
Bond, none. Limit, during construction of building. Forfeit, plans and specifications, none.

ADDITION
(480) SE GRANT AVE AND GEARY 1: 100 S 80 m or 1 SW 33 m or 1 W 73 m or 1 N 100. Wrecking, concrete, carpenter, plaster, painting, plumbing, electric work for additional stories to Magnin Building.
Owner.....Bankers' Investment Co
Architect ...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..Larsen-Sampson Co., Crocker Bldg., S. F.
Filed Feb. 21, '17. Dated Feb. 9, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, not to exceed $64,000
Bond, $33,500. Surety, Maryland Casualty Co. Limit, 65 working days. Forfeit, none. Plans and specifications filed.
NOTE:—Contractor to receive actual cost and $3000.

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(481) ELEVATORS, 2 NEW WORM-gear traction and modification and extension of present elevators, dumb waiters, etc., and installation of Armstrong Department Store signal station on above.
Contractor..Otis Elevator Co., Beach & Stockton, San Francisco.
Filed Feb. 21, '17. Dated Feb. 9, '17.
Payments same as above.....
TOTAL COST, $14,525
Bond, $7262.50. Surety, National Surety Co. Limit, 65 working days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(482) NW VALLEJO & LAGUNA No. 2000 Vallejo. Electric work for apartments.
Owner.....C. W. Burgess, 660 Market, San Francisco.
Architect ...None.
Contractor..Gus. J. Peters, 1119 Broderick, San Francisco.
Filed Feb. 21, '17. Dated Feb. 20, '17.
When blue tag of inspector on job 60%
On completion ..... Balance
TOTAL COST, $1354
Bond, limit, forfeit, none. Plans and specifications, none.

FRAME DWELLING
(483) W TWENTIETH AVE 125 S Judah. Two-story and basement frame dwelling.
Owner.....Sterling Realty Co., 544 Market, San Francisco.
Architect ...G. Stahlburg, 831 York, San Francisco.
Contractor..E. E. Manseau, 1278 35th Ave., San Francisco.
COST, $2950

FRAME DWELLING
(484) W TWENTIETH AVE 150 S Judah. Two-story and basement frame dwelling.
Owner.....Sterling Realty Co., 544 Market, San Francisco.

Architect...G. Stahlburg, 831 York, San Francisco.
Contractor..E. E. Manseau, 1278 35th Ave., San Francisco.
COST, $2950

FRAME DWELLING
(485) W TWENTIETH AVE 175 S Judah. Two-story and basement frame dwelling.
Owner.....Sterling Realty Co., 544 Market, San Francisco.
Architect...G. Stahlburg, 831 York, San Francisco.
Contractor..E. E. Manseau, 1278 35th Ave., San Francisco.
COST, $2950

FRAME DWELLING
(486) W TWENTIETH AVE 200 S Judah. Two-story and basement frame dwelling.
Owner.....Sterling Realty Co., 544 Market, San Francisco.
Architect...G. Stahlburg, 831 York, San Francisco.
Contractor..E. E. Manseau, 1278 35th Ave., San Francisco.
COST, $2950

FRAME DWELLING
(487) W TWENTIETH AVE 225 S Judah. Two-story and basement frame dwelling.
Owner.....Sterling Realty Co., 544 Market, San Francisco.
Architect...G. Stahlburg, 831 York, San Francisco.
Contractor..E. E. Manseau, 1278 35th Ave., San Francisco.
COST, $2950

FRAME DWELLING
(488) W TWENTIETH AVE 250 S Judah. Two-story and basement frame dwelling.
Owner.....Sterling Realty Co., 544 Market, San Francisco.
Architect...G. Stahlburg, 831 York, San Francisco.
Contractor..E. E. Manseau, 1278 35th Ave., San Francisco.
COST, $2950

FRAME RESIDENCE
(489) W SAN FERNANDO WAY 195 S St. Francis Boulevard. Two-story and basement frame residence.
Owner.....E. A. Crellin, 50 Pemberton Place, San Francisco.
Architect...H. H. Gutterson, 278 Post, San Francisco.
Contractor..St. Francis Home Bldg. Co., 278 Post, S. F.
COST, $4940

FRAME DWELLING
(490) NW ROLPH AND SEVILLE. One-story and basement frame dwlg.
Owner.....Wm. Voss, 1679 Bush, S. F.
Architect...None.
Contractor..C. Nyman, 673 Mangels, San Francisco.
COST, $1500

FRAME DWELLING
(491) E EIGHTEENTH AVE 60 S Quintara. Two-story and basement frame dwelling.
Owner.....Mrs. Emily Bode, 364 Missouri, San Francisco.
Architect...None.
Contractor..Antone Petersen, 2722 San Bruno Ave., S. F.
COST, $3638

ALTERATIONS
(492) NO. 325-327 MARKET Alter front.
Owner.....Levenson & Co., Premises
Architect...None.
Contractor..Louis Kragen, 743 Gough, San Francisco.
COST, $450

ALTERATIONS
(493) NOS. 1171-6 MARKET. Alter front and ratproof floor.
Owner.....Sanitarium Health Food Store, Premises.
Architect...None.
Contractor..Louis Kragen, 743 Gough, San Francisco.
COST, $400

ADDITION
(494) NO. 1350 EIGHTH AVE. Underpin and add to dwelling.
Owner.....Mrs. Nora Roth, Premises.
Architect...None.
Contractor..B. McDonald, 1246 6th Ave San Francisco.
COST, $450

FRAME APARTMENTS
(495) NE ASHBURY AND GROVE. Three-story and basement frame (6) apartments.
Owner.....W. C. Mahoney, 2221 Larkin, San Francisco.
Architect...None.
Day's work. COST, $14,000

HEATING SYSTEM
(496) NW LARKIN AND FILBERT: Nos. 2401-2409 Larkin and No. 2415 Larkin. All work for low pressure steam heating system in apartment house and residence.
Owner.....Chas. F. Thierbach, Prem.
Architect...E. A. Neumarkel, 2682 Sacramento, S. F.
Contractor..Gilley-Schmid Co., 198 Otis, San Francisco.
Filed Feb. 23, '17. Dated Feb. 21, '17.
Completed and accepted.....$1317
Usual 35 days..... 440
TOTAL COST, $1757
Bond, $900. Sureties, Curtis N. Gilley and Wm. Sperry. Limit, without delay. Forfeit, none. Plans and specifications filed.

(497) SE MARKET 225 SW Seventh SW 50xSE 165. All work for reinforced concrete and steel work for theatre building.
Owner.....San Francisco Land Co., Merchants' Exchange Bld San Francisco.
Architect...E. M. Frasier, Clunie Bldg., San Francisco.
Contractor..P. A. Palmer and Peter Petersen, Monadnock Bldg., San Francisco.
Filed Feb. 23, '17. Dated Feb. 23, '17.
Installments as work progresses of 75%
Usual 35 days..... 25%
TOTAL COST, $70,000
Bond, $35,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 150 working days. Forfeit, $40. Plans and specifications filed.

ALTERATIONS
(498) NO. 2512 FILBERT. Alter dwlg.
Owner.....H. A. Marvin, 2847 Union, San Francisco.
Architect...None.
Contractor..W. W. Rednall, 2500 Filbert, San Francisco.
COST, $1260

FRAME COTTAGE
(499) NE BISMARK 212-6 NW San Jose Ave. One-story and basement frame cottage.
Owner.....Albert A. Hemmen, 964 Market, San Francisco.
Architect...None.
Contractor..John B. Garofalo, 246 Precita Ave., S. F.
COST, $1500

FRAME DWELLING
(500) E MOSCOW 75 N Persia. One-story and basement frame dwelling.
Owner.....Geo. F. Voight, 276 29th, San Francisco.
Architect...None.
Contractor..J. E. Sprague, 316 Lowell, San Francisco.
COST, $1400

ALTERATIONS
(501) SW JEFFERSON AND TAYLOR. Alter and repair saloon.
Owner.....G. Sanguinetti, 839 Union, San Francisco.
Architect...J. A. Porporato, 619 Washington, San Francisco.
Day's work. COST, $1200

ALTERATIONS
(502) NOS.770-772 TREAT AVE. New front, stairs, etc.
Owner.....Walter Axford, 2442 Folson, San Francisco.
Architect...None.
Contractor..Warren P. Smith, 109 Brazil, San Francisco.
COST, $400

REPAIRS
(503) NW BARTLETT AND TWENTY-second. Repair foundation, ratproofing, etc.
Owner.....L. F. Goodman.
Architect...None.
Contractor..C. Norstrom, 215½ Fair Oaks, San Francisco.
COST, $450

ALTERATIONS
(504) NO. 1415 DOLORES. Raise and alter flats.
Owner.....Jas. Larezzo.
Architect...None.
Day's work. COST, $400

REPAIRS
(505) NO. 732 HAYES. Repair roof, new steps, etc.
Owner.....J. Lichtenberg.
Architect...None.
Day's work. COST, $500

FRAME OFFICE
(506) E MIRAMAR 112 N Ocean. One-story and basement frame office.
Owner.....Globe Realty Co., 318 Kearny, San Francisco.
Architect...None.
Contractor..E. J. Spence, 537 25th Ave., San Francisco.
COST, $450

ALTERATIONS
(507) NO. 1309 GRANT AVE. Alter store.
Owner.....G. Tognali, Premises.
Architect...None.
Contractor..Farnocchia & Co., 268 Cotter, San Francisco.
COST, $500

ADDITIONS, ETC.
(508) NO. 2601 SACRAMENTO. Ratproof basement and add 1 room.
Owner.....S. Fischell, Premises.
Architect...None.
Day's work. COST, $400

REPAIR FACTORY
(509) SW TWENTY-THIRD AND Minnesota. Concrete floors, install

windows, repair warehouse, place steel, columns and girders, new doors and windows, etc, for yeast factory.
Owner.....Fleishmann & Co., Prem.
Architect ...None.
Contractor..C. W. Hansen, 110 Jessie, San Francisco.
COST, $11,000

ALTERATIONS
(510) NO. 931 KEARNY. Alter exterior and interior for basement cafe.
Owner.....Commercial Center Realty Co., 736 Call Bldg., S. F.
Architect ...None.
Contractor..R. W. Moller, 736 Call Bldg., San Francisco.
COST, $8584

ALTERATIONS
(511) NOS 1548-50-52 HAIGHT. Alter flats and stores.
Owner.....E. J. Roberts, 1394 Masonic Ave., San Francisco.
Architect ...Chas. E. Gottschalk, 958 Phelan Bldg., S. F.
Day's work. COST, $1800

ALTERATIONS
(512) E FILLMORE 25 N Jackson 25x112. All work except wood stairs, concrete, plumbing, electric, painting, glass and terrazzo work for alterations and additions to two-story frame building.
Owner.....Motroni Art Floral Co., E. & L. Motroni, 1806 Fillmore, San Francisco.
Architect ...None.
Contractor..G. Polati, 2371 Green, S. F.
Filed Feb. 24, '17. Dated Feb. 19, '17.
House raised and grading done..$500
Completed and accepted..... 235
Usual 35 days..... 235
TOTAL COST, $970
Bond, $485. Surety, P. Carmignani. Limit, 60 days after March . Forfeit, none. Plans and specifications filed.

ALTERATIONS
(513) SE STEVENSON AND ECKER. Iron work for alterations to two-story and basement building.
Owner.....None Given.
Architect ...None.
Contractor..W. T. Commary, 742 Market, San Francisco.
Sub-Contractor..Brode Iron Works, 31 Hawthorne, S. F.
Filed Feb. 24, '17. Dated Feb. 23, '17.
Finished and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $2000
Bond, $1000. Sureties, Chas. H. Hock and D. O'Sullivan. Limit, 18 days after notification. Forfeit, $10. Plans and specifications, none.

LEASES.

SAN FRANCISCO COUNTY.

Feb. 23, 1917—NO. 922 MARKET. Herman Frost to George N Franklin. 2 years 5 months. $5075 with option to renew.
Feb. 23, 1917—NE FOLSOM AND 24TH. Geo Mangels to Maurice Hayes and Frank J Williams. 72 months. $4320.
Feb. 23, 1917—NO. 1800 GROVE NW Grove and Masonic Ave N 25xW 90-7. Samuel Irving and Belle Savannah to Wm J Keenan. 2 years. $ 10.
Feb. 21, 1917—N BAY 60 E Larkin E 52-6xN 87-6. Annie Cuneo to O Lippi 3 years. $750.

SAN FRANCISCO COUNTY.

Feb. 20, 1917—NO. 1549 DOLORES. Marie Teigler to Victoria and German Mager. 3 years. $1000 with option to renew.
Feb. 20, 1917—N JACKSON, bet Kearny and Montgomery No. 526 Jackson. L V Merle to Frank Rosatti and V Petrocchi. 3 years. $2880

AGREEMENT.

SAN FRANCISCO COUNTY.

Feb. 20, 1917—MISSION bet. 12th and 13th. Owner, Frank Portman with Dan P Dolan Wrecking Co. Owner to pay $400 for labor. $400 to represent 8 months' rent of building and lot.

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Feb. 20, 1917—SE SILLIMAN 60 SW University SW 90xSE 100 Blk 71 R R Ave Extn Hd Ass'n. Sarah Weinstein as to improvements on leased property.....
Feb. 20, 1917—W GRANT AVE 33-9 N Vallejo N 33-9xW 68-9. Virginia M Bouquet as to improvements on leased property .....

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED
Feb. 3, 1917—W JONES 137-6 N Washington N 50xW 137-6. Marcus Marcussen to whom it may concern.....Feb. 3, 1917
Feb. 3, 1917—LOT 11 BLK 6583 being 27.6x114 on 27th bet. Diamond and Douglass. Annie H Old to whom it may concern.....Feb. 2, 1917
Feb. 3, 1917—N FILBERT 125 W Baker W 50xN 137-6. William W Rednall to whom it may concern.....Feb. 3, 1917
Feb. 3, 1917—SE MAYNARD AND Craut 25x110. Philip W Montrouil to whom it may concern.Feb. 3, 1917
Feb. 5, 1917—E CASTRO 128 N Henry N 25xE 100. Harriet and Jesse C Johnson to C T Wengard.Feb. 5, 1917
Feb. 6, 1917—NE LINARES AVE 26.66 SE from W Cor. Lot 9 Blk 2127 Forest Hill Court NE 100 m or l NW 40 m or l SW 100 m or l SE 40 m or l Ptn Lots 9 and 10 Blk 2127, Forest Hill Court. William H Kiler to Conservative Bldg & Invst Co.....Feb. 6, 1917
Feb. 6, 1917—NOS. 1815-1817 CALIFornia. Mrs Kaspar Pischel to Lester H Stock.....Feb. 1, 1917
Feb. 6, 1917—W FOLSOM 173 S 17th W 122-6xS 25. Jean Allec to G E Lamburth.....Jan. 29, 1917
Feb. 6, 1917—E THIRD 125 N Townsend N 150xE 160. Clinton Constr Co of California to Pacific Fire Extinguisher Co; Burnham Plumbing Co.....Feb. 5, 1917
Feb. 6, 1917—N KIRKHAM 82-6 W 11th Ave W 25xN 100. A Raymond Duffee to whom it may concern.....Feb. 6, 1917
Feb. 6, 1917—W SEVENTEENTH AV 25 N California N 75xW 75. Delmar Smith Clinton to Emil Nelson.....Dec. 4, 1916
Feb. 6, 1917—N McALLISTER 85-6 W Webster W 25xN 85. J Friedman to Ira W Coburn.....Feb. 6, 1917
Feb. 6, 1917—LOT 9 BLK 15 Addition to Castro St. Add'n and Glen Park Terrace. J D Stanley to O E Evans .....Jan. 16, 1917
Feb. 6, 1917—N POST 137-6 E Leavenworth E 50 N 137-6 W 25 S 50 W 25 S 87-6 Lange & Bergstrom to Eureka Iron & Wire Wks Feb 1, '17; Western Furnace & Cornice Co, Feb 1, '17; Dresser-McDonnell, Feb 1, '17; The Tozer Co, Feb 1, '17; This H Price Co, Feb 1, '17; Anderson Bros, Feb 1, '17; Frank J Klimm, Feb 1, '17; J K Stewart, Feb 1, '17; Holloway Expanded Metal Co, Feb 1, '17; Sunset Iron Works, Feb 1, '17; A W Pike & Co, Feb 1, '17; Central Elec Co, Feb 1, '17; Spencer Elevator Co, Feb 1, '17; C C Jorgensen & Co....Feb. 1, 1917
Feb. 7, 1917—W THIRTEENTH AVE 304 S Irving. Leo J Ruegg to whom it may concern...Jan. 17, 1917
Feb. 7, 1917—NW POST & LEAVENworth N 60x70. Metropolis Invst Co to whom it may concern.....Feb. 6, 1917
Feb. 7, 1917—E EIGHTEENTH AVE 225 N Balboa N 25xE 120. Jas Welsh to whom it may concern.....Feb. 1, 1917
Feb. 7, 1917—NW POST & LEAVENworth N 60x70. Metropolis Invst Co to whom it may concern.....Feb. 6, 1917
Feb. 7, 1917—SE BAKER & GOLDEN Gate Ave S 37-6xE 96-10½. Jno V Campbell to whom it may concern .....Feb. 7, 1917
Feb. 8, 1917—NE PFEIFFER AND Stockton 23-9x77-6. G B Canepa to H Liebert and J Martinelli.....Feb. —, 1917
Feb. 8, 1917—SE EDDY & FRANKLIN E 57-6xS 120. Ellen M Jackson, Elizabeth G Marks, Jno L Marks to Atlas Heating & Ventilating Co .....Feb. 6, 1917
Feb. 8, 1917—S BUSH 137-6 E Mason E 45-6xS 137-6. O'Brien Bros, Inc to Val Franz & Son, Brandon & Lawson, American Elec Eng Co, R De Luca, J Gibbs, Pacific Structural Iron Works; J Piconi, Atlas Heating Ventilating Co and Ideal Cornice Co.....Completed
Feb. 8, 1917—N LOMBARD 88-6 E Pierce 27-6x100. Emilio Re and Giacomo Re to S Montani & Co.....Feb. 8, 1917
Feb. 8, 1917—N PARNASSUS AVE 30 E Willard E 25xN 100. Annie Gray to whom it may concern.Feb. 6, 1917
Feb. 7, 1917—S MISSION 225-6 E 7th E 55-0¾xS 160. George B Somers, Esq to Larsen & Sampson.....Feb 7, 1917
Feb. 8, 1917—LOT 12 Lyon & Hoags Sub Ashbury Terrace Victor F Winfrey to S A Born Bldg Co.....Feb. 5, 1917
Feb. 9, 1917—E CLAYTON 25 S Fulton S 25xE 106-3. George J Martin to J V Campbell.....Feb. 3, 1917
Feb. 9, 1917—SE TWENTIETH AVE and Lake 32-6x100. Lloyd B Ham to whom it may concern..Feb. 9, '17
Feb. 9, 1917—SW NINTH 212-6 SE Harrison SE 62-6xSW 185. W H Crim Jr, Architect to Pacific Fire Extinguisher Co and Scott Co.....Jan. 31, 1917
Feb. 9, 1917—SW NINTH 212-6 SE Harrison SE 62-6xSW 185. W H Crim Jr, Architect to Decker Elec Co and Otis Elevator Co.Jan. 31, 1917
Feb. 10, 1917—E THIRTEENTH AVE 125 S Lake 25x120 Chas F McCarthy to Chester C Ferrill.....Feb. 10, 1917
Feb. 13, 1917—NW NINTH & FOLSOM NE 100 SW 80-10 SE 100 NE 80-10 Andrew Nelson to whom it may

concern . . . . . Feb. 9, 1917
Feb. 13, 1917—S TWENTY-FOURTH 40 E Fountain E 25xS 70. Victor Bjors to whom it may concern . . . . . .Feb. 10, 1917
Feb. 13, 1917—LOT 12 BLK 1-A, The C S Alfred Sub Blks 1-A and 18 West End Map No. 1. C S Alfred to whom it may concern...Feb. 12, 1917
Feb. 13, 1917—NE STOCKTON AND Peiffer 25-9x77-6. C E Canepa to H Liebert and J Martinelli . . . . . .Feb. 8, 1917
Feb. 13, 1917—S GOLDEN GATE AVE 137-6 W Leavenworth W 40x S 57-6. P A Palmer to whom it may concern . . . . . .Feb. 3, 1917
Feb. 13, 1917—LOT 18 Lyons & Hoag Sub Ashbury Terrace. Thos Scoble whom it may concern . . . . . Feb. 9, 1917
Feb. 13, 1917—LOT 1594 and W ½ Lot 1595 Gift Map No. 3. Anna W Sirvis to John A Kuivala..Feb. 13, '17
Feb. 13, 1917—SE GEARY & 19TH Ave E 57-6x75. Thos Scoble to whom it may concern..Feb. 9, 1917
Feb. 14, 1917—SE JACKSON AND Steiner S 35-2¼xE 61-4. Sophie Grannis to whom it may concern... .....Feb. 14, 1917
Feb. 14, 1917—S GREEN 80 W Montgomery 25x137-6. Peter Costello to Devencenzi Bros.....Feb. 14, 1917
Feb. 14, 1917—N VALLEJO 96-10 W Montgomery 20-8x62-6. S Olari to Devencenzi Bros.....Feb. 14, 1917
Feb. 15, 1917—SE MARKET AND Fourth S 170xE 100. Market Street Realty Co to R J H Forbes..... .....Feb. 14, 1917
Feb. 15, 1917—NE FIFTH AVE AND Anza. Edward G Brugge to James Rixen.....Feb. 15 1917
Feb. 15, 1917—W THIRD bet. 4th and 16th. Southern Pacific Co to Thos H Price Co.....Feb. 7, 1917
Feb. 15, 1917—W PLUTO 80 S Masonic Ave S 80x27-6. Co-Operative Home Builders to whom it may concern.. .....Feb. 15, 1917
Feb. 15, 1917—N NINETEENTH 145-1½ E Dolores E 24-10½xN 100. K M Lane to C L Knight.Feb. —, 1917
Feb. 15, 1917—N SUTTER 137-6 W Mason. C T Ryland to whom it may concern . . . . . Completed ——
Feb. 16, 1917—NW COOK AND ST. Roses Ave 25x95. Nathaniel Thompson to whom it may concern.. . . . . Feb. 16, 1917
Feb. 16, 1917—S PACIFIC AVE 147-6 W Franklin. W J McKillop to whom it may concern..Feb. 15, 1917
Feb. 16, 1917—E FIFTEENTH AVE 250 N Fulton N 25xE 127-6. Stillman E Brown to whom it may concern.....Feb. 15, 1917
Feb. 16, 1917—SE HAIGHT AND Shrader E 59-7¼xS 100. Daniel M Moran to L W Clarke and T E Dickson (Clarke & Dickson)..... . . . . Feb. 14, 1917
Feb. 16, 1917—W EDGEWOOD AVE 154-3¾ S from N Edgewood W 119-3¾, S 30 E 119-3¾ N 30 Lillian Upton to M Fauth. . . Feb. 16, 1917
Feb. 17, 1917—S LIBERTY 205 W Church W 25xS 114. Michael and Mary Augusta Hannon or Mary Agusta Hannon to J Verner..... . . . . Feb. 16, 1917
Feb. 19, 1917—LOT 15 BLK 1 Heyman Tract No. 2. Homestead Realty Co to Wm H Grahn. . . Feb 17, 1917
Feb. 19, 1917—E SEVENTEENTH AV 125 N Balboa N 25xE 120. Michael Costello and Bryan Feerick to whom it may concern. Feb 19, 1917
Feb. 19, 1917—E ARGUELLO BLVD 26-3 N Turk E parallel with Turk to int with a line drawn at r a N from a point on N Turk dist 100 E Arguello Blvd N 25 m or l W to E Arguello Blvd S 25. E A Janssen to whom it may concern.Feb. 19, 1917
Feb. 19, 1917—E NINTH AVE 56 N Lawton N 24xE 120. Joseph Frank to G W Courtney.....Feb. 17, 1917
Feb. 19, 1917—W TWENTIETH AVE 175 N Balboa N 25xW 120. Arthur T Boynton to J H Baker..Feb. 19, '17
Feb. 20, 1917—N SUTTER 137-6 W Mason. C T Ryland to whom it may concern.....Completed ——
Feb. 20, 1917—SW MEDA AVE 215 and 240 respectively E Delano Ave. T C Connell to Bailey & Connell.. .....Feb. 12, 1917
Feb. 20, 1917—SE MARKET 75 W Eighth 200x175. Jas Otis Trustee to American Marble & Mosaic Co... .....Feb. 11, 1917
Feb. 20, 1917—N HOWARD 250 E 4th E 25xN 80. F Kinslow to Brandt & Stevens.....Feb 15, 1917
Feb. 20, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de L Welch to McGilvray Stone Co..... .....Feb. 19, 1917
Feb. 20, 1917—E FIFTEENTH AVE 300 N Fulton N 25xE 127-6. Stillman E Brown to whom it may concern. .....Feb. 20, 1917
Feb. 20, 1917—W LEAVENWORTH 60 N Post N 25xW 110. Grace Yager to W W Yager.....Feb. 20, 1917
Feb. 20, 1917—W FILLMORE 125 N Geary. Mrs G W Shorten to L A Secor.....Feb. 17, 1917
Feb. 21, 1917—E VALENCIA 248 N 21st 25x90. Frank De Witt to John J Binet Co.....Feb. 17, 1917
Feb. 21, 1917—S HARRISON bet. 18th and 19th. Southern Pacific Co to City Street Improvement Co..... .....Feb. 14, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Feb. 5, 1917—NW STATE & CASTRO W 100xN 25. J A Kuivala vs Marus Lehikoenen $833.25
Feb. 6, 1917—E JULIAN AVE 155 S 15th S 30xE 84. F G Norman & Sons vs Marie Metter.....$106.28
Feb. 6, 1917—E JULIAN AVE 155 S 15th S 30xE 84. F G Norman & Sons vs Marie Metter and Emil Eichters $34.61
Feb. 6, 1917—SE DRUMM & WASHington E 137-6xS 115. Otis Elevator Co vs Sarah J de la Montanya, Welbanks & Co and Webster Welbanks $174.60
Feb. 7, 1917—SW CALIFORNIA & Drumm W 46-11½ S 94-4 NE 57-2½ N 60. Donald Mowat vs Louis Metzger $1047.02
Feb. 9, 1917—E STOCKTON 50 S Sutter S 40xE 80. Dunham, Carrigan & Hayden Co vs Charles H Crocker and Brode Iron Wks.$365.44
Feb. 10, 1917—N HOWARD 115 W 11th W 25xN 76. M Stulsaft Co vs A G Ehrenpfort and F J Maurer... ..... $313.99
Feb. 13, 1917—E TWELFTH AVE 20 N Cabrillo (C) N 25xE 120. California Floor Co vs Robert McLelland $225
Feb. 13, 1917—W FOLSOM 198 S 17th S 150xW 122-6. J S Guerin & Co vs Jean Allec and Greenback Plastering Co $729.53
Feb. 13, 1917—SW VAN NESS AVE & Bush S to N Fern Ave W 220 N to S Bush E 220. Haines, Jones & Cadbury Co vs J Looney, Leonard Constr Co and Overland Stores Co $3981.55
Feb. 13, 1917—NE CASTRO AND States N 25xW 100. J Piconi vs Markus and William Lehikoinen.$122
Feb. 15, 1917—W SEVENTEENTH AV 120 S California S 25xW 120. Chas Holloway Jr vs S F Bldg Co and Wm Larson $73.80
Feb. 16, 1917—SW VAN NESS AVE & Bush S 120xW 220. M Greenberg's Sons vs Overland Stores Co, J Looney & Leonard Constr Co.$399.50
Feb. 17, 1917—SE MARKET 275 SW 7th 55xSE 165. A J Thomas vs The Roman Catholic Archbishop of S. F. and P C Yorke $127.04
Feb. 17, 1917—W GRAFTON WAY 53 m or l N El Portal Way N 30xW 100.. Fred Koldenstrodt vs S B Kress and Alma Kress.....$100
Feb. 17, 1917—S FIFTH AND CLARA (Clary)SW 75xSE 70-6. Q Scribante vs William Edwards and Paul C Taylor $1015.25
Feb. 19, 1917—W FIFTEENTH AVE 125 S Cabrillo S 25xW 127-6. D J Broderick vs Jno and Lilly Flaherty $1980
Feb. 19, 1917—NO. 340 STOCKTON. Mission Foundry & Stone Works vs Charles H Crocker and Brodie Iron Works $66.01
Feb. 20, 1917—E STOCKTON 50 S Sutter S 40xE 80. Rincon Foundry Co vs Chas H Crocker and Brode Iron Works $61.05
Feb. 21, 1917—W FOLSOM 198 S 17th S 122-6xS 150. Robert Balzke vs Jean Allec and Greenback Plastering Co $384.71

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Feb. 14, 1917—S TWENTY-NINTH 180 E Sanchez E 31-6xS 114. Thos H Price Co to A R Anderson and C A Caspersen.....
Feb. 15, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. S T Johnson Co, $275.20; Maxwell Hardware Co, $213.13 to E A Schmidt.....
Feb. 15, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ove E 39.83 S 50 W 59.465 N 53.6975 (2) E College Ave 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83, Okd. E A Howard Co, $197.10; E Dinneen, $375.05; Pacific Mfg Co, $500; W P Fuller & Co, $611.68 to E A Schmidt
Feb. 15, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 59.915 E 59.07 S 53 W 79.83, Owd. James Cahill & Co, Inc, $108.60; Spott Bros, $266; Sunset Hardware Co, $45.16 to E A Schmidt.....
Feb. 15, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83; (2) E College Ave 53.70 N Lawton Ave N 75.695 W 39.83 S 50 W 59.46, Okd. A W Pike & Co, Inc, $124.10; A M Poulsen, $220 to E A Schmidt.....
Feb. 17, 1917—LOT 24 Map Mackinnon & Gohrman Tract, Okd. A T Spence to Della Steele (in release $278); (in lien, $177.75).....
Feb. 16, 1917—S TWENTY-NINTH 180 E Sanchez S 37-6xS 114. Wilson Bros & Co to Olaf Casperson, A N Anderson and H A McLean .....
Feb. 19, 1917—S GEARY 92 W Powell S 137-6xW 45. L A Norris Co to N

L. Josey .....
Feb. 23, 1917—SE MONTGOMERY & Clay. Henry Cowell Lime & Cement Co to Greenback Plastering Co and Bank of Italy.....

OAKLAND AND ALAMEDA COUNTY.

SEWER CONSTRUCTION—Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on March 8th for sewer construction authorized under the following resolution: That a sewer having an internal diameter of 8 inches be constructed on Flemming avenue near Courtland avenue; also two brick manholes, a lamp hole with top of brick and cast iron, and Y branches having 5-inch openings. The aforesaid sewer, Y branches and lamp hole (excepting the top thereof) shall be constructed of vitrified sewer pipe.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, I. C. Taylor, 3758 Shafter avenue, Oakland. Location, west Montgomery south Mather. Will contain six rooms, bath and separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal.. Architect, none. Owner, H. R. Church, 2507 Webster street Berkeley. Location, west Oakland avenue south Pearl. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,000. Oakland, Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owner, H. G. Smith Location Thousand Oaks. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCES—2, 1 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, F. Holberg Reimers, Acheson Bldg., Berkeley. Owner, Mrs. Lizzie P. Evans. Each house will contain five rooms, bath and sleeping porch. Plans complete and figures being taken.

RESIDENCE — 1 story and base, frame, $2,000. Alameda, Alameda Co., Cal. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, 2606 Lincoln avenue. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCES—5, 1 story and base, frame, $2,000 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, Schmitz and Schuldt, Addison and Roosevelt streets, Berkeley. Location, Addison and Roosevelt streets. Each house will contain five rooms, bath and sleeping porch. Separate garages. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Achitect, none. Owner, Thomas A. Russell, 62nd and Hillegass, Oakland. Location, north 62nd west Lowell. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, O. Lebaldero, 1430 Cy[illegible] street, Oakland. Location, [illegible] west Market. Will contain [illegible] rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, Edward Latham, [illegible] Boulevard avenue, Oakland. Location, [illegible] 47th avenue north East [illegible] Will contain four rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Albany, Alameda Co., Cal. Architect, none. Owner, W. E. Taylor, 1433 Ada street, Berkeley. Location, east Santa [illegible] Washington. Will contain four rooms and bath. Plans complete and wor rkto be done by Day Labr

APARTMENT HOUSE—3 story and base, frame, $16,000. Oakland, Cal. Architects, Richardson & Burrell, Albany Block, Oakland. Owner, Llewellyn Auzerais. Location, East 16th street and 4th avenue. Will contain eight suites of four rooms and bath. Plans complete and figures being taken by Sommarstrom Bros., 24th and Telegraph avenue, Oakland.

APARTMENT HOUSE—3 story and base, frame, $20,000. Oakland, Cal. Architect, E. W. Cannon, Central Bank Bldg., Oakland. Owner, Robert McKillican. Location, 25th street. Will contain three and four room apartments. Plans being prepared.

BAKERY AND GARAGE—2 and 3 story, brick and reinforced concrete. Cost not stated. Oakland, Cal. Architect not commissioned. Owners, California Baking Co., S. F. Location,

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

San Pablo avenue and 42nd street, covering an area of 163 by 380 feet. Mr. Loesch of the California Baking Co. mentions both Architects Carl Geilfuss and P. Righetti, but states that neither has been commissioned.

GARAGE — 1 story, brick, $2,000. Oakland, Cal. Architect, none. Owners, Standard Oil Co. Location, east High street and Alameda avenue. Will cover an area of 75 by 10 feet. Plans complete and work to be done by Day Labor.

FLATS — 2 story and base, frame, $3,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, I. S. Tuttle, 2222 East 31st street, Oakland. Location, north Posen east Carlotta avenue. Will contain two four-room flats. Plans complete and work to be done by Day Labor.

HOSPITAL ADDITION AND ALTERATION — 2 and 3 story, brick and steel. Cost not stated. Oakland, Cal. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Fabiola Hospital Co. A maternity ward will be constructed and the present buildings rearranged and modernized. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $2,000. Alameda, Alameda Co., Cal. Architect, none. Owners, West End Building Association, 1536 Webster street, Alameda. Location, 1609 9th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

THEATRE—1 story, brick, $12,000. Oakland, Cal. Architect, none. Owners, Jasperson and Dippo, 980 38th street, Oakland. . Location, west San Pablo avenue north 27th street. Designed for a motion picture house. Plans complete and work to be done by Day Labor.

Contract Awarded.

STREET IMPROVEMENT. Cost as follows. Albany, Alameda Co., Cal. Engineer, Town Engineer, Albany. Owners, Town of Albany. The Albany Board of Trustees has awarded the contract for the paving of San Pablo avenue, from the boundary line of Berkeley to the Contra Costa County line. The Albany contract was awarded to W. J. Schmidt, Cedar and Sacramento streets, Berkeley, the cost amounting to $20,798.75. In Albany the entire width of the avenue will be paved with "Warrenite," the county having awarded the contract for the paving of an 18-foot strip on the west side of the avenue to Schmidt, who will put down "Warrenite" on this strip.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor.	Amt.
395	Prince	Prince	500
396	Mabrey	Asmussen	400
397	Taylor	Taylor	2500
398	Church	Church	2000
401	Russell	Reed	1600
402	Harrison	Christenson	18000
403	Sieber	Miller	400
404	Anderson	Anderson	2000
405	Auzerais	Sommarstrom	1550
416	Aluminum	Pedgrift	400
417	Same	Same	2200
418	Jesperson	Dippo	12000
419	Johnson	Almquist	2475
420	Bercovich	Snell	400
421	Twomey	Schnebly	400
422	Bowering	Stolte	2150
423	Same	Same	2150
424	Diggs	Knight	1200
425	Maxwell	Dotson	1000
426	Dougrey	Fisher	500
427	Lindquist	Lindquist	2000
428	Shell	Gutleben	500
429	Same	Same	500
430	McLean	Pac G & E	800
431	Prince	Burks	6000
432	United Hm Bldrs.		

GARAGE

(395) N FOOTHILL BLVD 150 E 73rd Ave., Oakland. Garage and tank frame.
Owner.....G. Prince, 4179 Opal, Okd.
Architect ...None.
Day's work. COST, $500

ALTERATIONS

(396) NO. 603 TWENTY-EIGHTH, Oakland. Alterations.
Owner.....Martha A. Mabrey, Hayward, Cal.
Architect ...None.
Contractor..John Asmussen, Hayward.
COST, $400

DWELLING

(397) W MONTGOMERY 230 S Mather Oakland. One-story 6-room dwelling
Owner.....I. C. Taylor, 3758 Shafter Ave., Oakland.
Architect ...None.
Day's work. COST, $2500

DWELLING

(398) W OAKLAND AVE 200 S Pearl, Oakland. One-story 5-room dwlg.
Owner.....H. R. Church, 2507 Webster, Berkeley.
Architect ...None.
Day's work. COST, $2000

FRAME DWELLING

(401) N SIXTY-SECOND 150 W Lowell being E 17 Lot 14 and W 18 Lot 15 Blk "F" Amended Map J. W. Crawford Tract, Oakland. All work for one-story frame dwelling.
Owner.....Thomas A. Russell, 62nd & Hillegass, Oakland.
Architect ...None.
Contractor..G. G. Reed, 681 62nd, Okd.
Filed Feb. 20, '17. Dated Feb. 16, '17.
Frame up $450
Plastered 450
Completed 400
Usual 35 days..... 300
TOTAL COST, $1600
Bond, none. Limit, 100 days. Forfeit, $1. Plans and specifications filed.

BRICK STORE

(402) NE TWENTY-EIGHTH AND Broadway N 109-0½ E 129-3⅝ S 77¼ W 140¼ W 12-8, Oakland. All work for one-story brick store bldg.
Owner.....H. O. Harrison, 3068 Broadway, Oakland.
Architect ..J. R. Miller, 213 Lick Bldg., San Francisco.
Contractor..C. Christenson.
Filed Feb. 20, '17. Dated Feb 16, '17.
As per private agreement.....
TOTAL COST, $18,000
Bond, $9000. Sureties, H. J. Quinn and Marie S. Peterson. Limit, 80 days. Forfeit, none. Plans and specifications filed

ALTERATIONS

(403) W EMERALD 82 N 41st, Oakland. Alterations.
Owner.....G. B. Sieber.
Architect ...None.
Contractor..J. E. Miller, 1030 47th, Oakland.
COST, $400

DWELLING

(404) N ARKANSAS 220 E Peralta Ave., Oakland. One-story 5-room dwelling.
Owner.....Andrew Anderson, 3030 Arkansas, Oakland.
Architect ...None.
Day's work. COST, $2000

APARTMENTS

(405) SW E-SIXTEENTH AND THIRD Ave., Oakland. Two-story 29room apartments.
Owner.....L. Auzerais, 231 E-16th, Oakland.
Architect ...Richardson & Burrell, Albany Blk., Oakland.
Contractor..Sommarstrom Bros., 24th and Telegraph, Oakland.
COST, $15,500

SHED

(416) S E-ELEVENTH 100 E Second Ave., Oakland. Shed.
Owner.....Aluminum Products Co., Premises.
Architect ...None.
Contractor..Jas. H. Pedgrift, 565 16th, Oakland.
COST, $400

OFFICE

(417) S E-ELEVENTH 100 E Second Ave., Oakland. One-story office.
Owner.....Aluminum Products Co., Premises.
Architect ...None.
Contractor..Jas. H. Pedgrift, 565 16th, Oakland.
COST, $2200

BRICK THEATRE

(418) W SAN PABLO AVE 100 N 27th, Oakland. One-story brick photo theatre.
Owner.....Jesperson & Dippo, 980 38th, Oakland.
Architect ...None.
Day's work. COST, $12,000

DWELLING

(419) N THIRTY-EIGHTH 220 E Broadway, Oakland. One-story six-room dwelling.
Owner.....Olaf Johnson, 4920 Telegraph Ave., Oakland.
Architect ...None.
Contractor..Almquist & Barbagalata, 464 43rd and 536 43rd, Okd.
COST, $2475

(420) SE TWELFTH AND BROADway, Oakland. Alterations.
Owner.....B. Bercovich, 12th and Broadway, Oakland.
Architect ...None.
Contractor..D. J. Suell, 2525 Adeline, Oakland.
COST, $400

ALTERATIONS

(421) NO. 333 THIRTEENTH, Oakland Alterations.
Owner.....J. C. Twomey.
Architect ...None.
Contractor..Schnebly & Haustrawser, 6th and Jackson, Oakland.
COST, $400

FRAME DWELLING

(422) S 30 LOT 4 BLK "H" Map No. 2, Highland Terrac, Oakland. All work for two-story frame dwelling.
Owner.....F. Bowring, 15th and Cypress, Oakland.
Architect ...None.
Contractor..Ferd C. Stolte, 3449 Laguna Ave., Oakland.
Filed Feb. 23, '17. Dated Feb. 21, '17.
Frame up ..... ¼
Enclosed ..... ¼
Completed ..... ¼

Usual 35 days..... ¼
TOTAL COST, $2150
Bond, $1075. Sureties, H. F. Bowring and Harold C. Broderick. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(423) N 20 LOT 4 and S 10 Lot 3 Blk "H" Map No. 2, Highland Terrace, Oakland. All work for two-story frame dwelling.
Owner.....F. Bowring, 15th and Cypress, Oakland.
Architect ...None.
Contractor..Ferd C. Stolte, 3449 Laguna Ave., Oakland.
Filed Feb. 23, '17. Dated Feb. 21, '17.
Frame up ..... ¼
Enclosed ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $2150
Bond, $1075. Sureties, H. F. Bowring and Harold C. Broderick. Limit, 90 days. Forfeit, none. Plans and specifications filed.

REPAIRS
(424) NO. 2072 BROADWAY, Oakland. Fire repairs.
Owner.....J. B. Diggs, 2063 Franklin, Oakland.
Architect ...None.
Contractor..Harry C. Knight, 1901 Telegraph Ave., Okd.
COST, $1200

DWELLING
(425) N OLIVE 150 E 92nd Ave., Oakland. One-story 3-room dwelling.
Owner.....E. G. Maxwell.
Architect ...None.
Contractor..J. H. Dotson.
COST, $1000

ALTERATIONS
(426) NOS. 1771-75 BROADWAY, Oakland. Alterations.
Owner.....Edward Dougrey, Premises
Architect ...None.
Contractor..M. Fisher, 1631 Broadway, Oakland.
COST, $500

DWELLING
(427) W EIGHTY-SEVENTH AVE 45 E Plymouth, Oakland. One-story 5-room dwelling.
Owner.....J. Lindquist, 2153 Santa Clara Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

STATION
(428) GRAND LAKE PARK & WALKER Ave., Oakland. Gasoline station.
Owner.....Shell Co. of California, 343 Sansome, San Francisco.
Architect ...None.
Contractor..Gutleben Bros., New Call Bldg., San Francisco.
COST, $500

STATION
(429) SW THIRD & WEBSTER, Oakland. gasoline station.
Owner.....Shell Co. of California, 343 Sansome, San Francisco.
Architect ...None.
Contractor..Gutleben Bros., New Call Bldg., San Francisco.
COST, $500

RADIATORS
(430) NO. 518 THIRTEENTH. Oakland. Gas radiators.
Owner.....Mrs. S. McLean, Premises
Architect ...None.
Contractor..Pacific Gas & Electric Co., 13th and Clay, Oakland.
COST, $[illegible]

BRICK FACTORY
(431) E ELEVENTH AND PARK, Oakland. Three-story brick factoryr
OOwner.....H. G. Prince & Co., Prem.
Architect ...None.
Contractor..C. E. Burks, 4152 Randolph Ave., Oakland.
COST, $6000

BRICK APARTMENTS
(432) LOCATION NOT GIVEN. All work for three-story brick apartments.
Owner.....United Home Builders, 1526 Broadway, Oakland.
Architect ...M. I. Diggs, 1539 Broadway, Oakland.
Contractor..Not given.
Filed Feb. 23, '16. Dated ——.
Payments not given.....
TOTAL COST, $——
Bond, limit, forfeit, none. Plans and specifications filed.
NOTE:—Only plans and specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
399	Steiner	Blethroad	100
400	Tuttle	Tuttle	3500
406	Schmitz	Schuldt	2000
407	Same	Same	2000
408	Same	Same	2000
409	Same	Same	2000
415	Schmidt	Schmidt	2000

ALTERATIONS
(399) NO. 2736 PRINCE, Berkeley. Alterations.
Owner.....A. F. Steiner, Premises.
Architect ...None.
Contractor..D. T. Blethroad, 1732 Milvia, Berkeley.
COST, $100

FLATS
(400) N POSEN AVE 40 E Carlotta Ave., Berkeley. Two-story eight-room flats.
Owner.....I. S. Tuttle, 2222 E-31st, Oakland.
Architect ...None.
Day's work. COST, $3500

DWELLING
(406) NO. 1718 ADDISON, Berkeley. One story 5-room dwelling.
Owner.....Schmitz & Schuldt, Addison and Roosevelt, Bkly.
Architect ...None.
Day's work. COST, $2000

DWELLING
(407) NO. 1720 ADDISON, Berkeley. One story 5-room dwelling.
Owner.....Schmitz & Schuldt, Addison and Roosevelt, Bkly.
Architect ...None.
Day's work. COST, $2000

DWELLING
(408) NO. 2108 ROOSEVELT, Berkeley One-story 5-room dwelling.
Owner.....Schmitz & Schuldt, Addison and Roosevelt, Bkly.
Architect ...None.
Day's work. COST, $2000

DWELLING
(409) NO. 1714 ADDISON, Berkeley One story 5-room dwelling.
Owner.....Schmitz & Schuldt, Addison and Roosevelt, Bkly.
Architect ...None.
Day's work. COST, $2000

DWELLING
(415) NO. 1710 ADDISON, Berkeley. One-story 5-room dwelling.
Owner.....Schmitz & Schuldt, Addison & Roosevelt, Bkly.
Architect ...None.
Day's work. COST, $2000

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
410	Noble	Noble	2000
411	Tuttle	Noble	2000
412	West End Bldg.	Owner	1800
413	Ferrero	Perona	450
414	Schmidt	Schmidt	1000

DWELLING
(410) NO. 2606 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(411) NO. 600 PACIFIC AVE., Alameda. One-story 5-room dwelling.
Owner.....L. P. Tuttle, 1311 Santa Clara Ave., Alameda.
Architect ...None.
Contractor..G. H. Noble, 2220 Central Ave., Alameda.
COST, $2000

DWELLING
(412) NO. 1609 NINTH, Alameda. One story 5-room dwelling.
Owner.....West End Bldg. Ass'n., 1536 Webster, Alameda.
Architect ...None.
Day's work. COST, $1800

ADDITION
(413) NO. 308 BRUSH, Alameda. Addition.
Owner.....Fred Ferrero, Premises.
Architect ...None.
Contractor..John Perona, 568 7th, Okd.
COST $450

ADDITION
(414) NO. 564 CENTRAL AVE., Alameda. Addition.
Owner.....A. M. Schmidt, Premises.
Architect ...None.
Day's work. COST, $1000

ASSIGNMENT OF LIEN.

ALAMEDA COUNTY.

Feb. 23, 1917—W DANA 400 N Bancroft Way W 65-9xW 120, Bkly. Geo W Patton assigns to Horace E Hare. Lien filed against Mary A and Edward P Moore and J H Platt.

ALAMEDA COUNTY.

RECORDED ACCEPTED
Feb. 3, 1917—W MABEL 101 S Derby S 34xW 80, Bkly. William J Baker to whom it may concern. Feb. 3, 1917
Feb. 5, 1917—(1) W PERKINS 100 N Van Buren; (2) W Grand Ave 175 S Perry; (3) W Grand Ave 225 S Perry, Okd. V Z Rutherford and W M Greuner to whom it may concern .....Feb 2, 1917
Feb. 5, 1917—PTN BLK BDED N BY Bristol; E by Third; S by University Ave and W by Second, Bkly.

El Dorado Oil Works to Brode Iron Works.....Feb. 5, 1917

Feb. 5, 1917—LOT 5 BLK "C" Sheet No. 1, Lakewood Park, Piedmont. Clara Clawson to J F Rogers.....Jan. 25, 1917

Feb. 6, 1917—NEXT LOT W NO. 1015 Santa Clara Ave, Ala. Walter A Hesse and Christine Hesse to M E Hopper & Son.....Feb. 3, 1917

Feb. 7, 1917—N SIXTH 75 E Broadway N 100xE 100, Okd. C H King Estate Co to Alfred Olson..Feb. 2, '17

Feb. 8, 1917—LOT 7 BLK "A" Sheet No. 1, Lakewood Park Tract, Okd. Alfred Cords to whom it may concern.....Feb. 6, 1917

Feb. 8, 1917—LOT 14 BLK "A" Map Waterside Terract, Ala. Mark T Cole to whom it may concern.....Feb. 7, 1917

Feb. 8, 1917—LOT 5 BLK "A" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....Feb. 7, 1917

Feb. 8, 1917—(1) SW SECOND AND Franklin 100x75; (2) S Second bet Broadway and Franklin 28x75, Okd. The Fruit & Produce Realty Co to E Axx.....Jan. 26, 1917

Feb. 9, 1917—LOT 1 BLK 1 Map Dwight Way Gardens, Bkly. Raymond H Bailey to Mason-McDuffie Co.....Feb. 8, 1917

Feb. 9, 1917—LOTS 14 AND 15 BLK 5 Map Thousand Oaks, Alameda County. C L Porter to Axel Carlson.....Feb. 8, 1917

Feb. 9, 1917—PTN LOTS 6 AND 7 Blk "D" Oakland Highlands, Okd. Andrew Anderson to whom it may concern.....Feb. 8, 1917

Feb. 10, 1917—LOT 102 4th Ave Terrace Ext, Okd.. Esther S Goodwin to E W Woodard.....Feb. 10, 1917

Feb. 10, 1917—LOT 11 BLK 9 Resbdvn Blks 9, 10, 11, 12, 13, 14 and Ptn Blk 16, Rock Ridge Terrace, Okd. Blake Bros Co to whom it may concern.....Feb. 10, 1917

Feb. 10, 1917—LOTS 4 AND 5 Map Sbdvn Part Lot 1 Lands Brooklyn Land Co, Okd. Samuel G Willson to whom it may concern..Feb. 5, 1917

Feb. 13, 1917—LOT 6 BLK "G" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....Feb. 9, 1917

Feb. 13, 1917—E ARCH 100 N Eunice N 50xE 135, Bkly. Bertha A Snell to H W Taylor.....Feb. 9, 1917

Feb. 13, 1917—NOS. 1619-21-23-25 Eighth Ave, Okd.. Claribel Williams for Geo R Williams to Harry C Knight.....Feb. 1, 1917

Feb. 14, 1917—S FIFTY-FIFTH 193.84 W Grove W 40xS 125, Okd. E C Ambrose to H M Barnett.Feb. 14, 1917

Feb. 14, 1917—LOT 5 BLK "F" Sheet No. 1 Map Excelsior Heights, Okd. W A McLeod to M I Diggs.....Nov. 2, 1916

Feb. 14, 1917—S UNIVERSITY AVE 140 W Grove W 50xS 138, Bkly. Court University A. O. F. Hall Association to Jacob House.....Feb. 13, 1917

Feb. 15, 1917—LOT 24 BLK 13 Map Thousand Oaks, ——. Florence H Cotrel to C A Davis..Feb. 15, 1917

Feb. 15, 1917—(1) N THIRD 75 E Franklin 75x—; (2) E Franklin 50 S Second 75x—; (3) SE Second and Franklin 50x75, Okd. F N Diehl to A D Nelson.....Feb. 13, 1917

Feb. 15, 1917—LOT 21 BLK 7 Berkeley Heights, Bkly. Ernest C Douglas to whom it may concern.....Feb. 10, 1917

Feb. 15, 1917—LOT 23 BLK 17 Map Blks 17, 18, 19 Thousand Oaks, Oakland Tp. Alphonse Duperu to Frank S Spring.....Feb. 15, 1917

Feb. 15, 1917—LOT 3 BLK "F" Lakewood Park Tract, Okd. Mae T Joy to F M Strang.....Feb. 1, 1917

Feb. 19, 1917—LOCATION NOT Given. Surf Beach Amusement Co and Alameda Park Co to A T Spence.....Jan. 10, 1917

Feb. 19, 1917—LOT 18 BLK "M" Map Central Piedmont No. 2, Oakland Tp. R H Cooley to whom it may concern.....Feb. 19, 1917

Feb. 23, 1917—LOT 79 Map Kingsland Tract, Okd. A Miles Taylor to J I Thomas and David Clarke.....Feb. 19, 1917

Feb. 23, 1917—BLK BDED BY 12TH, 14th Poplar and Union, Oakland. Pacific Coast Shredded Wheat Co to Stobbe & Romak.....Feb. 17, 1917

Feb. 23, 1917—SW FOURTEENTH & Willow W 190xS 106-3, Oakland. Oakland Cream Depot to Alfred Olson.....Feb. 15, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Feb. 1, 1917—W SAN PABLO AVE 133.295 S S line right of way S F O T Railway SW 177.77 NW 57.735, Albany. J A Fagerstrom vs J A Westman and N L Nielsen Jr..$1964

Feb. 7, 1917—N E-TWELFTH 100 E 13th Ave E 75xN 200, Okd. J Henry Bruecker vs J E Davis.....$67.50

Feb. 8, 1917—LOT 4 BLK "E" Map Excelsior Heights, Okd.. Panama Lumber & Mill Co vs F N Strang, Oakland Investment Co, J C O'Connor, J R Elrod and Realty Syndicate Bldg $298

Feb. 8, 1917—W SANTA CLARA AV 2.10 N Crescent N 40.07 SW 82.90 SE 40 NE 85.45, Okd. Oakland Plumbing Supply Co vs Ludwig W and Josephine Andersen, Chas P and Jane Doe Eggleston, Mrs Esther F Crowell, John Doe and Richard Roe $180.50

Feb. 8, 1917—W SANTA CLARA AV 82.22 N Crescent on curve to right 40.09 SW 82.90 SE 40 NE 85.45, Okd. Oakland Plumbing Supply Co vs Ludwig W Andersen, Josephine Andersen, Chas P Eggleston, Jane Doe Eggleston, B H Belden, Ada M Belden and Richard Roe.....$102.90

Feb. 8, 1917—LOT 6 Map Gorrill Glen, Oakland. John P Maxwell (Maxwell Hardware Co) vs C M Dean and James Haberlin.....$38

Feb. 10, 1917—NW OAKLAND AVE 37.50 SW San Carlos Ave SW 37 NW 90, Piedmont. John P Maxwell vs David G and Lena V Duncan..... $94.32

Feb. 10, 1917—NW OAKLAND AVE 111.50 SW San Carlos Ave SW 36 NW 90, Piedmont. John P Maxwell vs David G and Lena V Duncan $98.56

Feb. 10, 1917—W SANTA CLARA AV 2.10 N Crescent N 40.07 SW 82.90 SE 40 E 85.45, Okd. . W J Rigney (Oakland Mantel Co) vs L W Anderson $36

Feb. 10, 1917—NW OAKLAND AVE 74.50 SW San Carlos Ave SW 37 NW 90 NE 36 SE 90, Piedmont. John P Maxwell vs Sylvia L and Thomas J Thompson $94.32

Feb. 14, 1917—LOT 21 BLK 3 Map Key Route Terrace No. 2, Albany. California Door Co vs W B White and H A Brown.....$63.85

Feb. 15, 1917—W MUIR AVE 164.01 S Lafayette Ave S 95 W 150 N 95 E 100, Piedmont. Royal Floor Co vs White Bros and William G Volkmann $137

Feb. 17, 1917—E RICARDO AVE being ptn Lots 15 and 16 Blk "P" Map Central Piedmont Tct No. 3, Piedmont. Melrose Lumber & Supply Co vs Gordon and Eunice Wiser, Dean Allen, Arthur W Jones and F G Hinchley.....$249.50

Feb. 19, 1917—CONGRESS AVE SE Courtland Ave 38-6x100 being No. 4810, Oakland. Tracy E Cowan vs Mrs H A Raleigh.....$28.20

Feb. 20, 1917—W SANTA CLARA AVE 2.11 N Crescent N 40.07 W 82.90 SE 40 NE 85.45, Okd. Rhodes-Jamieson & Co vs L W Andersen and C P Eagleston $76.50

Feb. 21, 1917—LOT 15 BLK "D" Sheet No. 1 Map Excelsior Heights, Okd. Hammond Lumber Co vs L W Anderson and Noah Adams.....$922

Feb. 21, 1917—N HILGARD AVE 90 E Euclid Ave E 35xN 100, Bkly. John O Adler vs Marie A Wright and Charles Lock.....$43

Feb. 21, 1917—PT LOTS 2 AND 3 Blk "U" Map Central Piedmont Tct No. 4, Okd. Melrose Lumber & Supply Co vs Gordon J and Eunice Wiser, Lina T Kieserdorf. Dean Allen and A W Jones.....$179.45

Feb. 23, 1917—W DANA 400 N Bancroft Way N 65-9xW 120, Bkly. Geo W Patton vs Mary A and Edward T Moore.....$1500

Feb. 23, 1917—LOT 21 BLK 3 Map Key Route Terrace No. 2, Albany. Melrose Lumber & Supply Co vs W P White and H A Brown.....$100

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT

Feb. 15, 1917—(1) E COLLEGE AVE 53.70 N Lawton Ave ——; (2) E College Ave 107.395 N Lawton Ave N 56.915 E 59.07 S 53 W 79.83. Okd. Marshall & Stearns Co to E A Schmidt $597

Feb. 15, 1917—E COLLEGE AVE 53.70 N Lawton Ave E 59.46 N 50 E 40 N 53 W 99.47 S 110.61, Okd. Sunset Lumber Co to E A Schmid.....$17.65

Feb. 15, 1917—E COLLEGE AVE 53.673 N Lawton Ave N 53.672 E 39.03 S 50 W 59.04, Okd. J M Dale to E A Schmidt.....$250

Feb. 15, 1917—(1) E COLLEGE AVE 107.395 N Lawton Ave E 39.89 S 50 W 59.462 N 53.69 (2) E College Ave 107.395 N Lawton Ave N 58.915 E 59.07 S 53 W 79.83, Okd. Clarke & Gallagher to E A Schmidt...$1200

Feb. 15, 1917—E COLLEGE AVE 164.31 N Lawton Ave E 59.07 S 53 W 40 S 50 W 59.415 N 110.6125, Okd. Swift & Wilcox to E A Schmidt.....$579.75

Feb. 15, 1917—E COLLEGE AVE 107.395 N Lawton Ave N 56,915 E 59.07 S 53 W 79.83, Okd. Oakland Paving Co to E A Schmidt..$212.75

Feb. 15, 1917—E COLLEGE AVE 53.70 N Lawton Ave E 59.46 N 50 E 40 N 53 W 59.07 S 110.61, Okd. Atkinson Mill & Mfg Co to E A Schmidt $109.40

Feb. 20, 1917—LOT 22 BLK 4 Map Thousand Oaks Station Tract, Oakland Tp. Hanna Lumber & Mill Co to Walter H Packard and Elizabeth R Packard.....$553.42

Feb. 20, 1917—LOT 20 Map High Court Tract, Bkly. J J Sullivan to Jackson Gregory.....$85
Feb. 20, 1917—W SHATTUCK AVE 418.1 N 65th N 35 SW 107 SE 35 SW 106 NE 106, Okd. Swift & Wilcox, $113.10; Hunter Lumber Co. $47.26 to William McGrew and Margaret Kelly .....

SAN JOSE AND THE SANTA CLARA VALLEY.

STREET IMPROVEMENTS—Cost not stated. San Bruno, San Mateo Co., Cal. Engineer, Town Engineer, San Bruno. Owners, Town of San Bruno. At the last meeting of the City Trustees, definite steps were taken in several pieces of street and sidewalk work. Engineer Kneese was instructed to prepare plans and specifications for the work contemplated and petitioned for in South Belle Air Park, Fifth Addition, First Addition and Angus, Mastick and Huntington avenues. The work in South Belle Air will consist of street work and bridges. The Fifth Addition and First Addition will also have streets installed, while the triangular tract from the post office to the United Railways' tracks and to San Mateo avenue, will have sidewalks and curbs installed with the improvement.

CULVERT—Reinforced concrete. Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be opened on March 12th at 10 a. m. for the construction of a reinforced concrete culvert over Cascade creek about 11.7 miles south of the town of Pescadero on the Pescadero to Santa Cruz County line road, in the Fifth Road District.

Contract Awarded.

STREET PAVING—$4,206.90. Santa Cruz, Santa Cruz Co., Cal. Engineer, City Engineer, Santa Cruz. Owners, City of Santa Cruz. Contractor, Brian Byrne, Santa Cruz. Contract prrice, $4,206.90.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

STORE BUILDING
GILROY. All work for store building.
Owner.....Hiram Thompson.
Architect...L. W. Bush.
Contractor..R. L. Wallace and L. W. Bush.
Filed Feb. 14, '17. Dated Feb. 13, '17.
Foundations in $1100
Concrete wall completed..... 1100
Roofed 1100
Accepted 1100
Usual 35 days..... 1100
TOTAL COST, $5500
Bond, $2250. Sureties, A. L. and T. B. Hubbard. Limit, 90 days after starting. Forfeit, $5 per day. Plans and specifications filed.

GARAGE
GILROY. All work for garage.
Owner.....Hiram Thompson.
Architect..R. L. Wallace & L. W. Bush
Contractor..R. L. Wallace & L. W. Bush
Filed Feb. 14, '17. Dated Feb. 2, '17.
Foundation in $1600
Concrete walls completed..... 1600
Roofed 1600
Accepted 1600
Usual 35 days..... 1600
TOTAL COST, $8000
Bond, $4000. Sureties, A. L. and T. B. Hubbard. Limit, 90 days. Forfeit, $5 per day. Plans and specification filed.

FRAME DWELLING
PALO ALTO. All work for one-story and attic frame and plaster dwelling
Owner.....Joseph Lorber.
Architect...Thos. M. Edwards, Bank Bldg., Burlingame.
Contractor..Geo. Jacobsen.
Filed Feb. 15, '17. Dated Feb. 10, '17.
Framed and sheathed $1863
Rough plastering done..... 1863
Standing trim on..... 1863
Accepted 1866
Usual 35 days..... 2485
TOTAL COST, $9940
Bond, $9940. Surety, London & Lancashire Indemnity Co. Limit, 90 days after filing. Forfeit, $5 per day. Plans and specifications filed.

ALTERATIONS
NOS. 49-51 S-FIRST ST., San Jose. All work for improving store front. .
Owner.....J. D. Phelan, Mary L. Phelan and Alice Phelan Sullivan Corporation, Phelan Bldg., S. F.
Architect...None.
Contractor..S. Kulchar & Co., E-10th and 8th Ave., Oakland.
Filed Feb. 13, '17. Dated ——.
On acceptance 75%
Usual 35 days..... 25%
TOTAL COST, $3300
Bond, 1650. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days from Feb. 1, 1917. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

SAN MATEO COUNTY.

CONCRETE GARAGE
FOURTH AVE AND B ST., San Mateo. All work for one-story reinforced concrete garage.
Owner.....B. A. Peckham, San Mateo.
Architect...Will H. Toepke, 46 Kearny St., San Francisco.
Contractor..Leadley & Wiseman, 207 2nd St., San Mateo.
Filed Feb. 13, '17. Dated Feb. 13, '17.
Foundations in $1415
Concrete poured and trusses set 1415
Roof completed and floor laid... 1416
When completed 1416
Usual 35 days..... 1888
TOTAL COST, $7550
Bond, none. Limit, 55 days. Forfeit, $5 per day. Plans and specifications filed.

FRAME CHURCH
OAK GROVE AND ACACIA STS., Burlingame. One-story frame and plaster church.
Owner.....First Church of Christ Scientists, Burlingame.
Architect...None.
Contractor..W. B. Eaton, 224 Park Road, Burlingame.
COST, $7000

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Feb. 13, 1917—HESTER PARK near San Jose. Violet A Smith to D H Main.....Feb. 19, 1917
Feb. 15, 1917—LOT 25 BLK 10 Hanchett Residence Park, San Jose M J Rankin to J L Haskins.....Feb. 14, 1917

LIENS FILED

SANTA CLARA COUNTY.

RECORDED AMOUNT
Feb. 15, 1917—NEAR: MEEPLAS Hart-Wood Lumber Co. vs E. D. Wolf, Mary A Jackson et al $—

RELEASE OF LIENS

SANTA CLARA COUNTY.

RECORDED AMOUNT
Feb. 15, 1917—LOT 1 Kimball Tract No. 2, Los Gatos The Ino Stock Sons to Roy D Lamb $264

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED ACCEPTED
Feb. 15, 1917—LOT "D" BLK 2, Burlingame Terrace, Burlingame. Marion Houle to David Houle .....Feb. 14, 1917
RECORDED ACCEPTED
Feb. 2, 1917—CANADA da RAYMUNda, San Mateo. W B Bourn to The Mission Marble Works..Feb. 19, 1917

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 15, 1917—BLK 8, MENLO OAKS, Menlo Park. P E Brand, $692.23; M E Ryan, $308.42 vs Lucy N and Edward S Munford.....

RELEASE OF LIENS

SAN MATEO COUNTY.

RECORDED AMOUNT
Feb. 15, 1917—SWIFT & WALKER Aves, South San Francisco. Standard Portland Cement Crpn, $2201.52; Santa Cruz Portland Cement Co, $365.92 to South San Francisca Land & Improvement Co.....

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HIGHWAY CONSTRUCTION — Cost not stated. Santa Rosa, Sonoma County, Cal. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. The County Supervisors have instructed County Surveyor Malcolm G. Youker to make a survey for a road from Guerneville to Monte Rio on the north side of the river. Also from Monte Rio to Camp Meeker by way of "Dutch Hill" Canyon.

RESIDENCE — 2 story and base, frame, $30,000. Mt. Diablo, Contra Costa Co., Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, William Letts Oliver. Location, Mt. Diablo Park. Will contain fifteen rooms, four baths and sleeping porch. Separate garage and other out buildings. Plans complete and work to be done by Day Labor.

COMFORT STATION—Cost not stated. Santa Rosa, Sonoma Co., Cal. Architect, [illegible] Santa Rosa. Location, Library Park. Plans are complete and awaiting approval of the City Trustees.

BELT CONVEYOR—Cost not stated. Napa, Napa Co., Cal. Engineer, County Surveyor, Napa. Owners, Napa County. Bids will be opened [illegible]

p. m. for portable three section belt conveyor to convey gravel and crushed rock engine attached capable of conveying 200 cubic yards per day of eight hours work.

FENCING HIGHWAY—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Bids will be opened on March 6 for the construction of a woven wire fence on State highway over the properties of Wharf & Formslag near Penn Grove.

HOTEL ADDITION—2 story, frame. Cost not stated. Crockett, Contra Costa Co., Cal. Architect, none. Owners, Hotel Crocker Co., George McCloud Mgr. The new addition will contain sixteen rooms and several baths. Plans complete and work to be done by Day Labor.

SCHOOLS—2, 1 story and base, brick or hollow tile, $60,000 each. Santa Rosa, Sonoma Co., Cal. Architects, Turton & Herbert, Bank Bldg., Santa Rosa, associated with Sexton & Ellery, Merchants' National Bank Bldg., S. F. Owners, City of Santa Rosa. These architects have just been commissioned to prepare the plans and details of construction are not available. Further mention will be made of the work.

SCHOOL—1 story, frame. Cost not stated. Carneros School District, Napa Co., Cal. Architect, L. N. Turton, Napa. Owners, Carneros School District. The building has been designed for a district school. Plans are complete and figures being taken. Bids open on March 7th.

Contract Awarded.

SEWER PIPE—$1,372.35. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Contractors, Capital Sewer Pipe Co., Sacramento. Contract price, $1,372.35.

HOSPITAL WARD—1 story, concrete, $4,513. Martinez, Contra Costa Co., Cal. Architect, none. Owners, Contra Costa County. Contractors, Hall & Smith, Martinez. Contract price, $4,513.

OFFICES—3 story and base. Class C construction. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, none. Owners, Standard Oil Co. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price not stated.

BUILDING CONTRACTS

MARIN COUNTY.

ALTERATIONS
MILL VALLEY. Carpenter work, etc., for alterations and additions to residence.
Owner.....E. M. Cofer, Bigelow Ave., Mill Valley.
Architect...W. L. Schmolle, 75 Sutter, San Francisco.
Contractor..Ed. Zukand & Son, 134 10th Ave., San Francisco.
Filed Feb. 16, '17. Dated Feb. 14, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $2781
Bond, $1390.50. Sureties, Karl Gunther and Dante Seghieri. Limit, 40 days. Forfeit, none. Plans and specifications filed.

FIRE HOUSE
SAN RAFAEL. Two [illegible] reinforced concrete fire house.
Owner.....City of San Rafael.
Architect...Masten & Loubet, 1st National Bank Bldg., S. F.
Contractor..J. A. Kapperman, 491 4th St., San Rafael.
COST, $10,958

FRAME RESIDENCE
SAN RAFAEL. All work for alterations and additions to two-story and attic frame residence.
Owner.....F. B. Anderson, Bank of California, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Contractor..E. E. Ellingsen, San Anselmo.
Filed Feb. 21, '17. Dated ——.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $1800
Bond, $900. Surety, New Amsterdam Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME COTTAGE
TWENTY-SECOND ST., bet. Cutting Blvd. and Potrero, Richmond. One-story frame cottage.
Owner.....Mrs. Alfie Patterson, 157 3rd, Richmond.
Architect...None.
Contractor..N. E. Anderson, 1110 Barrett Ave., Richmond.
COST, $1500

BUNGALOW AND GARAGE
E ½ FF LOTS 4 AND 5 BLK 19 Amended Map of Hooper Addition to City of Pittsburg. All work for five-room bungalow and one 10 foot by 14 foot garage building.
Owner.....Ciro Di Mercurio, Pittsburg, Cal.
Architect...None.
Contractor..D. H. MacQuiddy and C. C Bean, Pittsburg.
Filed Feb. 9, '17. Dated Feb. 7, '17
Signing agreement $200
Foundation in and floor laid..... 175
Roof on 375
Usual 35 days..... 375
TOTAL COST, $1550
Bond, $750. Sureties, R. Latimer and Emil Emmington. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
LOTS 36 AND 37 BLK 4, Andrade Central Tract, Richmond. All work except concrete foundations for frame bungalow.
Owner....Herbert F. Brown, 23rd and Macdonald Ave., Richmond.
Architect...None.
Contractor..P. M. Sanford, Richmond.
Filed Feb. 13, '17. Dated Feb. 6, '17.
Frame up, enclosed & rafters set..$331
Plastering finished 331
Completed and accepted..... 331
Usual 35 days..... 332
TOTAL COST, $1325
Bond, $690. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

DWELLING
SEVENTEENTH ST., bet Roosevelt and Clinton being Lots 1 and 2 Blk 16 of Richmond Boulevard Tract, Richmond. Excavating, concrete, grading, carpenter, brick, plumbing, gas fitting, sheet metal work, roofing, electric wiring, etc., for one-story shingled dwelling.
Owner.....Martha A. Waade, 17th and Clinton Sts., Richmond.
Architect...None.
Contractor..Carl Overaa, 1808 Roosevelt Ave., Richmond.
Filed Feb. 15, '17. Dated Feb. 14, '17.
Enclosed and roof on.....$500
Ready for lathing and rough plumbing and wiring installed... 500
Plastering completed 500
Usual 35 days..... 515
TOTAL COST, $2015
Bond, none. Limit, 65 working days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

SONOMA COUNTY.

SUPPLY STATION
PETALUMA. Erect oil supply station.
Owner.....Standard Oil Co., Bush and Sansome, San Francisco.
Architect...None.
Contractor..Arthur Biggers, Fort Bragg, Cal.
COST, $6000

OIL STATION
THIRD AND B STS., Petaluma. All work for brick, frame and glass oil station.
Owner.....Union Oil Co., Mills Bldg., San Francisco.
Contractor..W. C. Stradling, 513 3rd St., Petaluma.
COST, $——

LIENS FILED

SONOMA COUNTY.

RECORDED AMOUNT
Feb. 13, 1917—PETALUMA. Camm & Hedges vs Ralph Mazza.....$114.34

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STORM SEWERS—Cost as follows. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. B. E. Cronkite, newly appointed engineer for sewer work under the recent bond issue, and formerly City Engineer of Fresno, reports that plans for which $100,000 were voted, providing for the construction of a storm drainage sewer system will be ready for adoption by the Council at its next meeting. Contracts for the work will be let as soon as possible so that the system can take care of the next city water flood.

STREET PAVING—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council has awarded a contract to the Worswick Paving Co., Union National Bank Bldg., Fresno, for the following work: That the alley in block 38, from Kern street to Tulare street, be graded, curbed with redwood curbing and paved with a pavement consisting of a 4-inch cement concrete base and a 1½-inch bitulithic wearing surface.

BRIDGES — 5, reinforced concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. The Supervisors of Stanislaus County yesterday set aside the order awarding the construction of five county bridges to Thurston & Co., because of

irregularities in the form under which the bids were received. The construction of the same bridges was immediately re-awarded to C. E. Cotton, 16 California street, S. F.

IRRIGATION PROJECT — Cost not stated. Madera, Madera Co., Cal. Engineers, Clair & Stafford, Madera. Owners, Madera Irrigation District. The cost of the proposed Madera Irrigation System, to impound the flood waters of the San Joaquin River in the bed of Fine Gold Creek will be computed in about three weeks by Frank Clair and P. M. Stafford, the engineers who have just completed the survey. The cost will run into millions. A diversion dam across the San Joaquin River would be built near the mouth of Fine Gold Creek. Three reservoirs are to be built. One dam 900 feet long and 228 feet high is to be built at Standard Mill. It will back water for five miles and hold 100,000 acre feet. Another, at the Old Henrietta mine will be 1,042 feet long, 367 feet high and impound 250,000 acre feet. The third dam will be Armstrong, and will hold about 50,000 acre feet. Water is to be distributed from the Lower North Fork through a canal and tunnels to the upper dams. Water was formerly brought down this way to a mine. A system of canals will distribute the water to the plains where 400,000 acres are available for irrigation.

RESIDENCE — 2 story and base, frame, $4,000. Fresno, Fresno Co., Cal. Architect, none. Owners, Central California Land and Improvement Co., 955 I street, Fresno. Location, La Sierra Tract. Will contain eight rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Fresno, Fresno Co., Cal. Architect, none. Owner, G. H. Stevens, Fresno. Location, Alta Vista Tract. Will contain seven rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

DRAINAGE SYSTEM—Cost as follows. Hanford, Kings Co., Cal. Engineer, City Engineer, Hanford. Owners, City of Hanford. Consideration of plans for the construction of a drainage system in this city was given at the last meeting of the City Trustees. The plans as proposed will cost, it is estimated, $36,400.

SEWER EXTENSION—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Council has directed the City Engineer to prepare the necessary plans and specifications for the extension of a sewer lateral from Orchard to First street in Sohm's Addition No. 2.

STREET IMPROVEMENTS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Resolutions of intention have been passed and plans approved for the paving of Calaveras street, from H street to M street; and B street, from White' Bridge road to Fresno street. The work will be done by district assessment, covering two blocks on each side of B street. Petition for grading Iowa avenue, from First to Ninth street, was approved.

ICE PLANT—1 story, reinforced concrete and frame, $10000. Madera, Madera Co., Cal. Architect, none. Owner, Edward Saunders and John High. New machinery will be installed Plans complete and work to be done by Day Labor.

PACKING HOUSE—2 story, concrete and frame, $20,000. Reedley, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, California Peach Growers. Plans are complete and figures have been taken. Bids to be opened in a day or two.

LODGE HALL AND STORES—3 story and base, brick and concrete, $60,000. Visalia, Tulare Co., Cal. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Visalia Elks' Hall Association. Will contain several stores on the first floor and the lodge rooms above. Plans have not progressed far enough to give details.

LODGE HALL AND STORES—4 story and base. Class B construction, $60,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Bakersfield. Owners, Bakersfield Odd Fellows' Hall Association. Location, Chester avenue, covering an area of 68 by 125 feet. Will contain several stores on the first floor and lodge rooms, offices and banquet room on the upper floors. Plans being prepared.

SCHOOL—1 and 2 story and base, brick and reinforced concrete, $150,000. Merced, Merced Co., Cal. Architect, J. E. Allison, Hibernian Bldg., L. A. Owners, Merced Union High School District. Designed for a Union High School and will contain 18 class rooms, special departments and an auditorium. Plans complete and waiting approval of the Board of Education.

SCHOOL—2 story and base, brick, $40,000. Chowchilla, Madera Co., Cal. Architect, E. J. Kump, Rowell Bldg., Fresno. Owners, Chowchilla School District. The building will contain eight class rooms and an auditorium seating 750 people. Plans are complete and figures being taken. Bids open on March 3rd.

STORES—1 story and base, brick. Cost not stated. Hanford, Kings Co., Cal. Architect, none. Owner, Charles Hoskins, Hanford. Location, 7th street near Abbott, covering an area of 50 by 70 feet. Will contain two stores. Plans complete and in the hands of the owner.

LODGE HALL AND STORES — 2 story and base, brick and concrete. Cost not stated. Merced, Merced Co., Cal. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Merced Masonic Temple Association. Location, 20th and M streets. Will contain stores on the first floor and lodge rooms above. Plans complete and figures being taken.

Contract Awarded.

BRIDGES AND CULVERTS—Cost as follows. Hanford, Kings Co., Cal. Engineer, County Surveyor, Hanford. Owners, Kings County. S. G. Smartt. Bakersfield, Cal., has been awarded the contract by the County Supervisors for the construction of the bridges and culverts on the Lemoore-Browndale unit of the county improved highway. The bids were made in items 1, 2, and 3; item 1 and 2 being for class A and class B cement respectively, and item 3 for shaping and installing the reinforcing steel. Mr. Smartt's bid was as follows: Items 1 and 2, $8.48 per cubic yard; item 3, 1 cent per pound.

BRIDGES—3 timber constrruction. $1,500. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Contractor, J. P. Hurt, Fresno. Contract price, $1,500

BUILDING CONTRACTS

FRESNO COUNTY.

FRAME RESIDENCE
NO. 1[illegible] LAS PALMAS VISTA ADD. Fresno. Two-story and basement frame residence.
Owner.....J. Blaine Rogers.
Architect ...Glass & Butner, Republican Bldg., Fresno.
Contractor E. J. Hart, [illegible] St., Fresno.
COST, $12,000

RESIDENCE AND GARAGE
LOTS 33 AND 34 BLK 9 La Sierra Tract Fresno. Residence and garage.
Owner.....Central California Land & Improvement Co., 955 I St., Fresno.
Architect ...None.
Day's work. COST, $[illegible]

DWELLING
NO. 3260 ILLINOIS AVE., Fresno. All work for frame dwelling.
Owner.....C. A. Clark, 2366 Hill St., Fresno.
Architect ...None.
Day's work . COST, $1[illegible]

FRESNO COUNTY.

DWELLING
LOT 3 BLK 25, Alta Vista Tract Fresno. All work for dwelling.
Owner.....G. H. Stevens.
Architect ...None.
Day's work. COST, $2400

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

UNLOADING SAND AND ROCK — Cost not stated. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Bids will be opened on March 2nd for the unloading into stock piles of 160,000 tons of rock and sand to be used in the construction of concrete highways. The work of unloading is to be done in accordance with Highway Commission specifications No. 2, which are on file with the Board of Supervisors. The material is to be unloaded according to the requirements for highway construction and in accordance with directions given by the Sacramento County Highway Commission. A minimum quantity of one hundred thousand tons is to be stock piled by July 1, 1917. Bidders shall furnish their own proposal blanks.

STREET PAVING—Cost not stated. Folsom, Sacramento Co., Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. The County Surveyor will make a survey of all streets in Folsom. The county is preparing to pave with concrete the main streets of Folsom as part of the highway system. The expense of the work will be paid for by the Folsom Sanitary District and the county.

FURNISHING SAND AND ROCK — Cost not stated. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Bids will be opened on March [illegible] ing of one hundred thousand tons of coarse aggregate [illegible] gravel and [illegible] aggregate sand, in accordance with the requirement of Highway Commission specifications No. [illegible] with the [illegible] The material is required for the construction of [illegible]

shall make their own proposal forms.

BRIDGE REPAIRS ETC—Cost as follows: Sacramento Cal. Engineer, County Surveyor, Sacramento, owners, Sacramento County. The Board of Supervisors has ordered specifications to be printed and bids asked for the necessary repairs to the Georgiana Slough bridge, and for the mile and a half concrete road from Bel Air to the Del Paso Country Club. It is estimated that the work on the Georgiana bridge will cost about $5,000. A new floor will be built and the bridge painted. A concrete approach will also be constructed.

APARTMENT HOUSE AND STORES—2 story and base brick, $20,000, Marysville, Yuba Co., Cal. Architects, Milwain Bros., Albany Block, Oakland. Owners, Ewell, Moors and Aaron. Location, 4th and High streets. Will contain a store and five apartments of three and four rooms. Plans complete and figures being taken.

HIGHWAY IMPROVEMENT—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Bids will be opened on March 6th at 10 a. m. for improvement work on the New Hope Landing road from the town of New Hope west to the New Hope Landing bridge, thence southerly and westerly across Staten Island to Miller Ferry bridge.

STREET PAVING—Cost not stated. Auburn, Placer Co., Cal. Engineer, City Engineer, Auburn. Owners, City of Auburn. The City Trustees have adopted plans and specifications and a resolution has been passed to pave the main streets of Auburn, from the Nevada street station to the Railroad street station, with 5-inch concrete paving and a wearing surface of asphalt, oil and gravel three-eights of an inch thick. Bids will be called for shortly.

STREET IMPROVEMENT—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin Co. At the last meeting of the San Joaquin County Supervisors, plans and specifications were ordered prepared for the construction of streets in the town of Escalon. Bids will be called for on completion of plans.

SEWER CONSTRUCTION—Cost not stated. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. The City Council has ordered bids received for the construction of a sewer for West avenue. Plans may be had from the City Clerk.

CAR SHOP AND OFFICES—4 1 story and 1 2 story frame and corrugated iron, $90,000. Roseville, Placer Co., Cal. Engineer, J. H. McCloymonds, Flood Bldg., S. F. Owners, Pacific Fruit Express Co. Dimensions of the shop buildings will be as follows: 500 by 60, 160 by 60, 120 by 55, and 120 by 40. Plans are complete and work will be started at once.

SANITARIUM—4 story and base, reinforced concrete, $150,000. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owner, Mr. White. Location 29th and J streets. The architect states that plans are nearly complete for this building and that bids will shortly be called. The present buildings are now being wrecked.

SCHOOLS—2, 1 story, hollow tile and frame, $27,000 and $3,500. Placerville, El Dorado Co., Cal. Architects, Sexton & Ellery, Merchants' National Bank Bldg., S. F. Owners, Town of Placerville. The official date of opening bids for this work, which has been described here before, has been set for March 15th.

DEPARTMENT STORE ADDITION—1 story, Class A construction, $60,000. Sacramento, Cal. Architect, James Seadler, Forum Bldg., Sacramento. Consulting Engineer, C. H. Snyder, 251 Kearny street, S. F. Owners, Weinstock-Lubin Co. The new addition will cover an area of 200 by 160 feet. Plans are complete and figures being taken.

Contract Awarded.

FACTORY GROUP—1 and 2 story, hollow tile, $41,609. Galt, Sacramento Co., Cal. Architect, E. C. Hemings, 1203 J street, Sacramento. Owners, Utah Condensed Milk Co. Contractor, Ira B. Boss, 914 27th street, Sacramento. Contract price, $41,609.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

FIXTURES

NO. 2806 THIRTY-FIFTH ST., Sacramento. Install fixtures for candy store.

Owner.....R. E. Greer, 2815 37th St., Sacramento.
Architect...None.
Contractor..Guy Foley, 3740A Madrone St., Sacramento.
COST, $800

ALTERATIONS

NO. 805 K ST., Sacramento. All work for remodeling lobby of Clunie hotel.

Owner.....Florence Clunie, 301 Lyon St., San Francisco.
Architect...R. A. Herold, Forum Bldg., Sacramento
Contractor..George D. Hudnutt, California Fruit Bldg., Sacramento.

Filed Feb. 15, '17. Dated Feb. 15, '17.
1/3 completed $1137
2/3 completed 1138
Completed and accepted..... 1137
Usual 35 days..... 1138
TOTAL COST, $4550

Bond, 25% of contract price. Sureties, G. W. Dufficy and Geo. D. Hudnutt. Limit, 40 days. Forfeit, $10 per day. Plans and specifications filed.

ALTERATIONS

NO. 801 N ST., Sacramento. All work for remodeling three-story tenement house of nine apartments.

Owner.....Dr. F. B. Sutliff, Premises.
Plans by Contractor.
Contractor..G. & E. Harvie.
COST, $8000

MILK FACTORY

GALT, Sacramento Co. All work for condensed milk factory.

Owner.....The Utah Condensed Milk Co., a Corporation of Richmond, Utah.
Architect...E. C. Hemmings, Sacramento.
Contractor..Ira C. Boss, Sacramento.
Filed Feb. 20, '17. Dated Feb. 17, '17.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $41,609

Bond, $20,000. Sureties, Scott F. Ennis, D. A. Cannon, Chas. A. Richardson, W. F. Geary and A. Van V. Phinney. Limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED

Feb. 17, 1917—THIRTY-FIFTH AND Park Ave, Sacramento. Rasmus Carstensen to Ira C Boss. Feb. 17, 1917

Feb. 19, 1917—NO. 712 K ST., Sacramento. David and Louis Anapolsky and Maud B Ware to T J Brennan, Schneider, Chappel & Jones, Nevada Elec Co, Sacramento Bldrs Supply Co, M F Terra, Carlow Bros, Sacramento Hardwood Floor Co, A L Borchard (Carlow Bros. Marble work excepted).....Feb. 15, 1917

LOS ANGELES AND SOUTHERN

TUNNEL CONSTRUCTION—Cost not stated. Los Angeles, Cal. Engineer, City Engineer, Los Angeles. Owners, City of Los Angeles. Bids will be received by the Board of Public Works up to 10 a. m. of March 26th, for the construction of a single bore, tile lined, masonry tunnel, 1,502 feet in length, in Second street, from Hill street to Flower street. The estimated cost is $700,000. It will be 28 feet high, and of reinforced concrete and brick construction with tile facing. Plans and specifications may be obtained from the City Engineer. The estimated quantities are: 1,502.5 linear feet timbering and centering for arch; 99,700 cubic yards excavation; 109,670 cubic yards of earth to be hauled (including 10% increase over concrete; 2,710.2 M brick in arch; 125,620 square feet white enameled tile; 1,500 linear feet gravel backfilling; 126,000 square feet plaster intrados (material for two and labor for one coat, the labor on second coat being included in tile work); 361,850 pounds steel reinforcement; 9,750 feet sidewalk; 1,502 feet curb; 62,200 square feet bitulithic paving; 600 cubic feet ornamental stone work.

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Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

RESIDENCE—1 story and basement, stone and plaster. Cost not stated. Altadena, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, F. R. Wells, Paris. Location, Mendocino and Visscher Place. Will contain fifteen rooms, five baths and sleeping porch. Separate garage and other out buildings. Plan being prepared.

WAREHOUSE—2 story and basement, brick. Cost not stated. Los Angeles, Los Angeles, Cal. Architect, Frank M. Tyler, Black Bldg., L. A. Owners, Ralphs Grocery Co. Location, Avenue 26th and Pasadena, covering an area of 240 by 100 feet. Plans are being prepared.

LODGE HALL—3 story and basement, brick, $45,000. Glendale, Los Angeles Co., Cal. Architect, Alfred F. Priest, Fay Bldg., L. A. Owners, Glendale Elks' Hall Association. Location, Colorado street near Brand Boulevard, covering an area of 103 by 80 feet. Will contain 25 bachelor apartments besides the usual lodge rooms. Plans are being prepared.

LOFTS—2 to 10 story and basement, Class A reinforced concrete, $350,000. Los Angeles, Cal. Architect, Frank J. Stiff, Van Nuys Bldg., L. A. Engineer, George W. Harding, H. W. Hellman Bldg., L. A. Owner, M. J. Connell, Union League Bldg., L. A. Location, Los Angeles street between 7th and 8th Sts. Plans complete and ready for figures

Contract Awarded.

STORES AND LOFTS—3 story and basement. Class C construction. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, John Parkinson, Title Insurance Bldg., L. A. Owners, T. W. Mather Co. Location, northwest Colorado and Marengo avenue, covering an area of 80 by 120 feet. Plans are being prepared.

APARTMENT HOUSE—4 story and basement. Class C construction, $150,000. Los Angeles, Cal. Architect, none. Owners, Wilshire Hotel Co. Contractors, Atlas Building Co., Haas Bldg., L. A. Contract price, $150,000.

APARTMENT HOUSE—11 story and basement. Class A construction, $1,100,000. Los Angeles, Cal. Architect, Charles H. Kysor, Wright and Callender Bldg., L. A. Owner, H. W. Bryson. Contractors, F. O. Engstrom Co., 5th and Seaton streets, L. A. Contract price, $1,100,000.

PORTLAND AND OREGON.

HIGHWAY WORK—Cost as follows. Astoria, Ore. Engineer, County Surveyor, Astoria. Owners, Clatsop County. The contract for clearing, grading and preparing the proposed Lewis and Clark road has been awarded to Fred C. Feldschau of Tillamook, Ore., at $20,621.39 Montague - O'Reilly Co., Blake-McFall Bldg., Portland, secured the contract for paving of the same road on its bid of $41,573.89. The pavement selected was asphaltic concrete.

CANNERY—2 story and basement, brick or reinforced concrete, $75,000. Portland, Ore. Architect, Emil Schacht, Commonwealth Bldg., Portland. Owners, Oregon Packing Co. Location, Columbia Boulevard. Will cover a considerable ground area. Plans complete and figures to be called for at once.

SCHOOL—1 story, hollow tile, $14,000. West Linn, Ore. Architects, Claussen & Claussen, McCleary Bldg., Portland. Owners, West Linn School District. The building will contain four class rooms, an auditorium and domestic science room. Plans are being prepared

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—5 story and base, reinforced concrete. Cost not stated. Seattle, Wash. Architects, Charles Bebb and Charles Gould, Denny Block, Seattle. Owners, J. M. Jordan Co. Location, 5th avenue and Lenora street, covering an area of 60 by 120 feet. Will contain 75 suites of two and three rooms. Plans complete and figures being taken.

GRAIN ELEVATOR—Reinforced concrete, $100,000. Seattle, Wash. Engineer, City Dept. of Engineering, Seattle. Owners, City of Seattle. Location, foot of Hanford street. Will have a capacity of 500,000 bushels and includes 30 circular bins each 17 by 81 feet. Plans complete and figures to be opened on March 14th.

Contract Awarded.

SCHOOL—3 story and base, reinforced concrete, $50,780, Juneau, Alaska. Architect, Harlan Thomas, Arcade Bldg., Seattle. Owners, City of Juneau. Contractor, Peter Woeck, Arcade Bldg., Seattle, Wash. Contract price, $50,780.

APARTMENT HOUSE—4 story and base, reinforced concrete and brick, $55,000. Seattle, Wash. Architect, Louis Svara, Haight Bldg., Seattle. Owner, Joseph W. Hubbard. Contractor, Charles W. Carkeek, Haight Bldg., Seattle. Contract price, $55,000.

BLISS AND FAVILLE WIN STATE COMPETITION.

Jury Announces Selection of Architects For Million Dollar Building In Civic Center.

Architects Bliss & Faville, Balboa Bldg., have been selected as the architects for the State Building, a $1,000,000 structure, to be erected in the Civic Center. An announcement of the decision of the jury in the second stage of the competition was made Thursday morning.

In speaking of the plans Mr. Faville said:

The Civic Center is dominated by the City Hall and dome. The scheme is further developed by the Auditorium on one side. The building opposite the Auditorium, the State Building, should have the same bulk as the Auditorium.

Dignity Expressed.

The State is expressed best in its dignity by a building as large in its proportions as the programme would admit. The small amount of money and the many requirements make it necessary that the plan should cover just as small an area as possible, so that the costly foundations and roof coverings would be as small as possible. It should be as many stories high as the programme allows, which means an economy in wall surface of costly granite.

The building will be of that period of the Italian Renaissance in which the architects often used a high base line. Therefore the three lower stories are of plain treatment. Above this [illegible] forms a foil to the lower part. The motive con[illegible] a [illegible] Zone the arch in the [illegible] The [illegible] between [illegible] pierced with smaller windows. The whole composition of [illegible] stories is headed with [illegible] story.

CONSTRUCTION WORK ABROAD

PANAMA.

Improvements in Colon.

The building division of the Panama Canal is now engaged in the erection of permanent buildings for officers' quarters and other purposes for the Coast Artillery at Fort De Lesseps, near the Hotel Washington, in Colon. To provide sites for the new structures it was necessary to take over and remove a number of old buildings, to do some filling in along the shore, and to construct a short sea wall. Work is now progressing on two houses for commanding officers, three for captains, and three for noncommissioned officers. As early as possible the construction of a large building for headquarters, barracks, and storeroom will be undertaken. These two-story buildings, which will be in the best style of reinforced concrete construction, will provide comfortabe quarters for the officers and their families, and also add to the looks of that part of the city of colon. The estimated cost of these nine buildings ih $200,000.

At Fort Sherman, situated at Toro Point, and at Fort Randolph at Margarita Point, both being in the Canal Zone and near Colon, frame buildings of the approved army type of construction are being erected for officers' quarters and other purposes; at Fort Sherman, 30 buildings at an estiimated cost of $260,000; and at Fort Randolph, 8 buildings at a cost of $85,000.

The city of Colon is expending $60,000 in street improvements. The principal streets that were macadamized some years ago are now being laid with concrete.

BENICIA, Solano Co., Cal.—An addition to Fish and Westerzerg's garage will be made by James Clyne, owner of the building, to give more room for machines. The new addition will be 25x100 feet.

The front of the garage will be rebuilt and plastered also. The contract has been let to B. Coleman.

CARBONDALE, Amador Co., Cal.—This place is to have a sand and clay plant. Dittell and Company have leased the clay and sand tracks belonging to F. Clark & Son of that town and have made a contract with the Illinois Pacific Glass Company of San Francisco to ship 1,000 tons of clay daily.

BAKERSFIELD, Cal.— Bakersfield Canning Company has been permitted to issue 5,000 shares to E. J. Martin and R. H. Swartz in exchange for the property and assets of the canning business conducted by them, to issue 2,000 shares to W. H. Hill and C. W. Barlow for services, and to sell 18,000 shares at par, $1 per share, net to the company, the proceeds to be used for enlarging the plant and installing additional machinery.

BIDS FOR ADDITIONAL WORK AT WILLOWS.

Welsh Bros. & Hannanman Will Probably be Awarded Contracts for More Work on Willows Post Office.

(By Special Wire)

WASHINGTON, D. C., Feb. 26th, 1917—Three sets of figures for additional work at the Willows Post Office were opened in the Treasury Department. Bids were submitted on seven items as follows:

Elmer Carlson (1) $8,000; (2) $1,100; (3) $5,000; (4) $250; (5) $300; (6) $50; (7) $75.

Welsh Bros. & Hannanman (1) $7,500; (2) $1,000; (3) $3,600; (4) $200; (5) $700; (6) $40; (7) $50.

Caldwell & Son (1) $8,326; (2) $2,125; (3) $2,111; (4) $597; (5) $340; (6) $48; (7) $50.

A contract will probably be awarded to Welsh Bros. & Hannanman.

RECEIVE FIGURES FOR SUNSET BRANCH LIBRARY

Deductions to be Made on General Construction Before Contract is Awarded.

Seventeen sets of bids for the general construction of the Sunset Branch Library were opened Wednesday by the San Francisco Board of Library Trustees. The building will be a two-story and basement Class "C" structure and will be erected at the corner of 18th avenue and Irving street and was designed by Architect G. Albert Lansburgh, 709 Mission street.

P. J. Lynch submitted the lowest figure for the general construction at $29,974; Scott Co., the low bid for heating; J. E. O'Mara for plumbing; Harry G. Graper for painting at $1,175; McFell Electric Co. for electric work at $939 and N. Clark & Co., low bid for terra cotta work at $6,655.

Nine alternate propositions were submitted on the general construction. Before a contract can be awarded certain deductions submitted will have to be considered. Following is a complete list of the bids as opened:

General Construction.

F. L. Hansen	$36,640
Barrett & Hilp	31,387
E. E. Etherton Co.	34,200
C. L. Wold Co.	34,498
J. Harold Johnson	31,847
O. C. Holt	31,440
L. G. Bergren & Son	34,872
J. S. Hannah	34,777
Elmer Carlson	30,740
Neil McLean	32,200
M. Zelinsky	34,972
Carnahan & Mulford	30,656
Grace & Bernieri	32,518
P. J. Lynch	29,974
Harvey A. Klyce	30,231
Monson Bros.	31,575

Heating and Ventilating.

Scott Company	$2,920
J. E. O'Mara	2,962
Robert Dalziel Co.	3,229
Gilley-Schmidt Co.	3,060
Frederick W. Snook Co.	2,975
J. H. Pinkerton	2,995
Wittman-Lyman Co.	2,968

Plumbing.

Frederick W. Snook Co.	$1,01[illegible]
S. W. Band	876
J. H. Pinkerton	993
J. E. O'Mara	781
Alex. Coleman	1,129
Frank J. Klimm	1,050

Painting.

Harry G. Graper	$1,175
La Torres	1,573
F. Wagner	1,470
C. Sovig	1,450
L. Kissel	1,650
R. Zelinsky	1,300

Electric Work.

Butte Eng. & Elec. Co.	$ 993
Newberry Elec. Co.	1,030
McFell Elec. Co.	939
Kohlwey Smith Alfs Elec. Co.	1,040
Gas & Elec. Appl. Co.	1,156
Central Elec. Co.	1,050
Rex Elec. Co.	1,036
Asher Elec. Co.	1,134
Globe Elec. Co.	985

Architectural Terra Cotta.

Gladding-McBean Co.	$1,235
N. Clark & Son	6,655

RECEIVE FIGURES FOR SMALL STATE JOB.

Bids for Buildings for State Mining Bureau at Taft Will Probably be Rejected.

SACRAMENTO, Cal.—Bids were opened on February 23rd for constructing a small frame office building, frame test house and a frame garage for the California State Mining Bureau at Taft, Kern County. Currie & Dulgar, Bakersfield, presented the low bid at $3,181. Bids will probably be rejected as all were above the amount available for construction. A complete list of the bids follows:

Office, Testing House and Garage.

Currie & Dulgar	$3,181
W. B. Finnley	3,195
George W. Boxton & Son	3,260
L. G. Bergren & Son	3,499
Kling Co.	3,877
P. J. Lynch	3,997
Parlier & Green	4,100
Fred Warden	5,270

STATE HARBOR COMMISSION AWARDS PIER CONTRACTS.

Clinton Construction Company Secure Contracts for Work at Pier 40 and Pier 9.

Bids were opened on Saturday, February 24th, by the State Board of Harbor Commissioners for widening Pier No. 40 and constructing a railroad track on the north side and also for constructing a concrete and timber bulkhead wharf adjacent to Pier No. 9. Both contracts were awarded to Clinton Construction Co., the former for $18,425 and the latter for $14,940. A complete list of the bids follow:

Pier No. 40.

Clinton Construction Co.	$18,425
San Francisco Bridge Co.	23,760
J. D. Hannah	28,973
Healy-Tibbitts Constr. Co.	19,620
Hyde-Harjes Co.	25,730

Pier No. 9.

Clinton Construction Co.	$14,940
San Francisco Bridge Co.	23,385
J. D. Hannah	22,973
Healy-Tibbitts Constr. Co.	16,192

FIGURES RECEIVED BY CONST. Q. M. OFFICE.

Recommendations to be Made to War Department for Six Thousand Feet of Boulevard and Concrete Viaduct.

A number of bids were received on February 26th by the Constructing Quartermaster at Fort Mason for the construction of 6,000 feet of boulevard and for a reinforced concrete viaduct over Lobos Creek, 181 feet long and 55 feet high. Bids were received with several alternate propositions, of which the two most important are given below.

Recommendation will be made to the War Department for awarding the work as follows: Owen McHugh on Props. 1 and 4, $20,820, which includes the boulevard construction. To Cahill & Vansano for Props. 6 and 8, which include the viaduct for $8,270.

Propositions 7 and 9 will be charged to the City and County and total $4,550.

Boulevard Construction.

M. Fisher	$25,560
A. E. Buckman	20,017
Daniel O'Day Co.	24,300
Owen McHugh	17,802
C. B. Cowden	28,900
J. P. Holland	27,283
A. J. Grier	29,970
L. L. Page	35,450
Ehrhart & Greely	28,750

Lobos Creek Viaduct.

M. Fisher	$ 8,410
James Currie	7,984
Fred D. Turner	9,487
C. B. Cowden	10,500
Tibbitts Pacific Co.	10,830
Cahill & Vansano	7,270
Ehrhart & Greely	7,600
Clinton Constr. Co.	7,980
Mahoney Bros.	8,390
Bos. & O'Brien	7,967

FIGURES RECEIVED FOR MARE ISLAND SHOP.

Bureau of Yards and Docks Opens Bids For New Machine Shop at Mare Island Navy Yard.

(By Special Wire.)

WASHINGTON, D. C., Feb. 26, 1917—Bids were opened today by the Bureau of Yards and Docks for the machine shop to be erected at the Mare Island Navy Yard. The building will be a steel frame structure, 120 by 120 feet and 60 feet high.

Schrader Iron Works presented the lowest figure for Proposition No. 1 at $98,828. A complete list of the bids opened follows:

Mare Island Machine Shop.

Cahill & Vansano	$119,270
Schrader Iron Works	98,828
Penn Bridge Co.	113,900
Connors Bros.	131,196
Caldwell & Son	109,600
Tibbitts	122,430
Gutleben Bros.	103,561

SENDING SMALL PARCELS TO AUSTRALIA.

SYDNEY, New South Wales.—Better and cheaper parcel-post and express service from the United States to Australia would facilitate the forwarding of small packages and would increase business through reaching new customers. The majority of persons forwarding parcel-post packages from the United States to Australia, with charges prepaid, do not realize that the consignees in Australia are obliged to pay a surtax of 6 cents a pound.

Express companies sending out small packages from the United States frequently have their Australian agents make clearance for a large number of packages collectively in order to save the consignee the expense of making separate entries for each parcel. While this procedure lowers the charge on each package, it also results in delay. Collective entries are not made until each consignee is informed, which frequently means that the consignees do not receive their packages for two weeks or more after arrival.

Before making any shipments of small packages to Australia American firms should carefully study the relative cost and possible delay in delivery through the parcel post and by express companies and adopt the method that will be least expensive and most expeditious.

[The subject of postage, parcel post, and express service is discussed by Commercial Attache Philip B. Kennedy in a monograph, "Exporting to Australia," issued by the Bureau of Foreign and Domestic Commerce as Miscellaneous Series No. 45. Copies of this bulletin may be obtained from any of the branch offices of the Bureau or from the Superintendent of Documents, Government Printing Office, Washington, D. C.; price, 5 cents.]

MAMMOTH HOTEL FOR NEW YORK.

The Hotel Commonwealth, soon to be erected in the Times Square district of New York, will be equipped throughout with the Campbell Solid Metal Windows, manufactured by the Harry E. Campbell Company. These windows are different from any other in the market today, having a patented feature which leaves no chain or pulley exposed.

This contract will be one of the largest of the kind ever made, for the Commonwealth will be the greatest hotel in the world, occupying an entire block-front in the heart of New York, rising 23 stories and containing 2500 rooms. Costing a total of $15,000,000 it will be owned and operated by a vertiable army of shareholders, each of whom may subscribe to from one to ten share of stock, ten shares being the limit to one person. With approximately 100,000 men and women throughout the country as patrons, the Commonwealth should be crowded from the moment its doors are thrown open for business, its projectors believe.

In addition to dividends upon their investment and the rebates upon all expenditures for food and lodging, shareholders in the great hostelry have privileges of the luxurious club such as gymnasium, swimming-pool, indoor golf, tennis, squash, reading, smoking and lounging rooms, free. They will also receive material discounts upon purchases at New York stores through the Commonwealth shopping bureau.

The plan is unique in two respects. It is founded upon co-operation, thousands of shareholders reaping the profit that usually go to a few owners. It also merges hotel and club life, with all the privileges of both, at cost less than that usually attached to either. W. J. Hoggson is to be the builder of the Commonwealth, H. L. Merry, manager. Charles H. Ingersoll, the watch manufacturer, is president of the corporation.

FIRE EQUIPMENT BIDS WANTED.

TRACY, San Joaquin Co., Cal.—Bids are being taken by City Clerk Geo. L. Frerichs for furnishing the city of Tracy with one motor driven combination chemical engine and hose car, with pump, ladder and other equipment. Bids close March 1st at 8 P. M. Further information may be had from the City Clerk at Tracy.

SCHUMACHER WALL BOARD.

The Schumacher Wall Board Company are pleased to announce that they have appointed the Keyhold Lath Company, of San Francisco, general distributors and factory representatives.

This remarkable wall board needs no introduction, as it has been sold on the Pacific Coast for sometime. Its composition is a gypsum base with a magnesite and fibre filler, making it highly fire resistant, as has been shown in many successful official fire tests. This board may therefore be properly designated as a plaster wall board, differing from the wood and paper pulp boards, which are liable to warp and buckle by climatic changes.

The Schumacher Wall Board is as far as is known, the only board of its type made in sheets up to twelve feet in length, thereby reaching from floor to ceiling, in ordinary buildings, and thus eliminating all horizontal joints. The boards are made in widths 32 inches and 48 inches, and as noted above, in lengths up to twelve feet. It is easy to cut and fit, thereby creating no waste and may be applied in any building, in any location, at all seasons, without plastering, the joints may be pointed and the board painted, tinted, papered or left in the natural finish. It is valuable particularly as a non-conductor of sound, heat and electricity.

Ample stock of all sizes will be carried in San Francisco for the convenience of users in this territory, and particulars and samples may be had at the office of the Keyhold Lath Company, 255 Monadnock Building, San Francisco, Telephone Douglas 3472.

SCHUMACHER WALL BOARD CO.

CONCRETE FENCE POSTS AND FENCES.

One of the small uses in railroad work to which concrete is especially adapted is for fence posts and also concrete fences.

Concrete posts for wire right-of-way fences are of greater strength and more pleasing in appearance than wooden posts, and besides this they are not destroyed by fire and decay. Nowadays, with many kinds of patented and unpatented post molds on the market, good concrete posts can be made of a woven wire fence with concrete post 20 ft. centers, built posts. The cost of a 7 ft. concrete post ranges from 15 to 25 cents, depending on type and local conditions. The cost of a woven wire fence with concrete posts 20 ft. centers built by the Long Island [illegible] greatly that of ornamental iron fences, [illegible] are very much [illegible] permanent.

Railroads are using concrete fence posts in greater numbers and the time will soon come when wooden fence posts will be used very little, especially in populous districts. — Western Canada Contractor.

SAFETY NETS FOR FALLING WORKMEN.

The Safety Department of the Industrial Accident Commission has been responsible for the introduction of safety nets in San Francisco for buildings under the course of construction. These nets are used in some of the large Eastern cities and there are European countries that require a similar safety precaution. It is intended to secure the co-operation of California's building contractors in order that the safety nets may come into general use.

It has been found that the law is impracticable that calls for the temporary flooring of all buildings under construction. High balconies, galleries, arch-trusses of theatres, auditoriums, churches, armory buildings, railroad train-sheds, towers, viaducts, bridges, domes and cupolas on which men are engaged are not safe in case men fall. The distance to the floor is too far. The safety net supplies the need. A man falling many feet into a net is uninjured. The cost of the net is nominal and it is easily adjusted and removed. It can be readily transported from one job to another.

The safety nets are similar in character to those employed by fire departments in some of our large cities to catch persons jumping from blazing windows. Circus performers are protected in like manner.

Safety nets are in use for the protection of structural steel workers employed on the erection of the California Theatre at Market and Fourth streets, San Francisco. The four nets cost $60 each. They are the first used west of Chicago.

The need of these safety nets is best illustrated by California's experience in 1915. In the building industry 15 men lost their lives—10 of these men fell to death and 5 were struck by falling objects. There were 91 permanent injuries. The temporary injuries numbered 1,447. The installation of safety nets would have affected the seriousness of these 1,553 deaths and injuries.

A STILL LOWER TYPHOID RATE.

In 1915 the California State Board of Health declared its intention to reduce the typhoid fever death rate from 13.6 per 100,000 population (the rate for the year 1914) to 9.6 per 100,000 population in 1918. As a matter of fact, however, this declaration was nearly fulfilled in the year 1915, when the rate was reduced to 9.7 per 100,000 population. And now, the typhoid death rate for 1916 is 7.1 per [illegible] population.

lower than the [illegible] it would be in 1918. If the methods employed in typhoid fever control are continued and if the same co-operation of the people of California is received, the Board hopes to reduce the typhoid death rate to a point below 5.0 per 100,000 population in 1918.

This may be accomplished through the prevention of the sewage pollution of public and private water supplies; the insurance of safe milk supplies through the pasteurization and inspection provisions of the state milk law; investigation of outbreaks of typhoid fever, determining and removing their sources; manufacture and distribution to physicians of typhoid vaccine; inspection of hotels, eating places, summer resorts, and surroundings, correcting insanitary conditions that may be present; enforcement of laws and of the Board's regulations for the prevention of typhoid fever; and by education in the prevention of typhoid fever.

If the high rate of 1906, 32.2 per 100,000 population, had prevailed in 1916, there would have been 950 deaths from this disease. There were but 208 typhoid deaths in 1916, however.

In order to secure these results, it is necessary that the California State Board of Health shall have the active support of health officers, physicians and citizens. All of the common rules of saintation, particularly as related to sewage disposal, water and milk supplies, must be rigidly observed. The regulations of the Board for the prevention of typhoid fever should be carefully followed by physicians and health officers. With such co-operation, California may soon have one of the lowest, if not the very lowest typhoid death rate of any state.

SANTA CLARA COUNTY GETS FIRST OF HOME INDUSTRY SHOWS; SACRAMENTO FOLLOWS.

By Chauncey McGovern.

Santa Clara County has won out in being selected by the Home Industry League of California as the first of the important counties of the State where the League will send a great "traveling" exhibit of the products of the State, grown and manufactured.

"In accordance with this decision of the League," said Executive Secretary Charles R. Thorburn, "there will be held at San Jose from April 13th to April 22nd, the biggest thing in the way of a 'Home-Industry' show which has yet been pulled off anywhere in the State outside of San Francisco.

"After the exposition closes at San Jose it will be moved to Sacramento where it will hold forth from May 4th to May 13th."

Every factory-owner in California is being invited by the League to participate, whether a member of its organization or not. Special effort will be made to have as many of the factory-owners as possible furnish what is known as "working demonstrations,"—such as the actual picking of cotton from Imperial Valley, with its "ginning" and spinning into a bolt of cloth ready for the dressmaker; and the making of California bungalows out of California materials exclusively.

One feature of the show in contemplation is to have the prize winning "live models" of the League's "Animated Revue of the Progress of California Products, grown and manufactured, either MADE or MAID" put on their prize-winning pageants every night of the stay in San Jose of the "rotating" exposition.

State's Products to be Made Known.

Executive Secretary Thorburn states that the Home Industry League expects to surprise the general public by the expositions, which have the aim of educating the people of the State into realization of how great are the State's resources that are now being "commercialized," not only with the view of inducing more outside capital to come to California to start additional factories, but to popularize the buying by people of the State of goods grown or manufactured in California.

It is pointed out by the League that residents of the State are so little informed of the State's industrial progress that many Californians send East for their soap and shoes, for example, while the United States government is sending all the way from Washington for shoes and soap to be delivered to New York, Boston, and Newport News—thus proving that items of California manufacture are undergoing the lack of appreciation which the Bible tells is peculiar to a prophet who does not stay at home.

LARGE IRRIGATION PROJECT PLANNED.

MADERA, Madera Co., Cal.—The cost of the proposed Madera Irrigation System, to impound the flood waters of the San Joaquin river in the bed of Fine Gold Creek, will be computed in about three weeks by Frank Clair and P. M. Stafford, the engineers who have just completed the survey. The cost will run into millions.

A diversion dam across the San Joaquin river would be built near the mouth of Fine Gold Creek. Three reservoirs are to be built. One dam, 900' long and 228' high is to be built at Standard Mill. It will back water for five miles and hold 100,000 acre feet. Another, at the Old Henrietta mine will be 1,042' long, 367' high and impound 250,000 acre feet. The third dam will be at Armstrong, and will hold about 50,000 acre feet. Water is to be diverted from the Lower North Fork through a canal and tunnels to the upper dams. Water was formerly brought down this way to a mine. A system of canals will distribute the water to the plains where 400,000 acres are available for irrigation.

SAN FRANCISCO FIRM EXPANDS ITS ORIENTAL BUSINESS.

Getz Bros., & Co., of San Francisco, haves organized a new company to handle their business in the Orient. The name of this new corporation is Getz Bros. & Co. of the Orient (Ltd.) It will conduct a general export and import business in the Orient, inaugurating branch offices in all of the important ports.

Getz Bros. & Co., are among the oldest exporting houses in San Francisco, having been established since 1871. They have maintained a constantly expanding branch in Shanghai for many years, and they have also a branch in Hongkong.

CHILEAN FIRMS VIEWS OF AMERICAN EXPORT METHODS.

The Antofagasta consulate has recently received from a local firm a copy of the circular letter quoted below. In this circular are set forth some of the difficulties that have been encountered by this and other Chilean importers in doing business with American houses.

Some Difficulties Encountered by South American Firms Desiring to Establish Permanent Importing Business With North American Manufacturers and Exporters.

(1) **Lack of cheap freights and regular and frequent steamship connections.**—Sailing vessels carrying the American flag could easily find paying return freights with nitrate cargoes, contributing to open competition and thus lowering the rates.

(2) **Unsatisfactory means for consigning shipping documents and discount of banking values.**—North American conditions for sale are, generally: Irrevocable credit in United States banks in favor of the manufacturer or exporter, deposited at the time of placing the order; 25 per cent with order, balance against documents; cash against documents at port of shipment; or in special cases when the firm is well known, 30 days after receipt of documents consigned to a bank or steamship agent in this country. European conditions used to be 30, 60, or 90 days' sight draft accepted on presentation of documents after arrival of goods at port of destination.

The establishment of branches of American banking institution would help North American exporters to obtain a better idea of the financial standing of customers in South America, and hence to offer more favorable terms.

(3) **Long and uncertain deliveries.**—We understand that under prevailing circumstances many manufacturers, especially in machinery and steel and iron products, can not avoid delay in their deliveries. Nevertheless, anything that could be done in the way of shortening the dates would be desirable.

(4) **Goods forwarded to South America have proved on some occasions to be inferior to quality offered.**—It is a well-known fact that the South American markets have been looked upon as not sound, or at least of no interest, by the great majority of North American exporters. They have considered Europe and Asia far better consumers and more worth trading with. We are sorry to say that this disinterestedness has made it possible for some unscrupulous exporters to send to this country goods inferior in quality in every respect to the kind offered. Fortunately, these have been exceptional cases, but they have been frequent enough to spread the idea that North American manufacturers could not be relied upon. Against this we must fight, knowing as we do that American products in many lines, such as tools, railway supplies, and mineral oils, are the best obtainable. Therefore, we are anxious to see all existing petty difficulties cleared away and hope to find the same desires among the North American firms we are approaching, so as to mutually contribute toward building up a straightforward and lasting commercial intercourse.

These circumstances have left the field open to European import in South America. Liberal selling terms, a know-

ledge of the requirements and financial capacities of their customers obtained by means of their selling or banking agents, and a quick adaptation to customs and needs of the trade have given European manufacturers a chance to thoroughly penetrate these markets, excluding all other competitors. The present war has changed this state of affairs, and nowadays North and South American look upon each other as the natural sources for their supply and consumption, a thing they should have done long before.

(5) **Prices usually higher than European.**—We do not refer to the actual prices corresponding to abnormal markets, but to those given to use before the outbreak of war. We understand that North American products are higher in price, owing to higher salaries, higher interest rates, and higher freights. We think that the first two conditions will be equalled and perhaps overbalanced as compared with European when the war is over. The third is likely to decrease very soon in view of the fact that several new steamship lines have been started recently in the United States to run between North and South America.

(6) **No standing quotations.**—Another factor due to the war and the consequent uncertainty of markets is the practice adopted by American firms to quote prices "subject to change without notice." This is certainly a wise policy for their own security, but it leaves the importer without a basis upon which to work out his calculations of cost and enhance his business chances, especially when it is necessary to compete with local and foreign prices. At least a certain period should be allowed during which quotations are held firm and any changes are duly communicated.

(7) **Careless packing and marking; incomplete details on shipping documents.**—On many occasions cases containing American goods arrive here smashed, or with numbers and marks illegible. It has also been noted at the time of dispatch from the custom-house that trouble arises from the failure to give complete details on shipping documents.

(8) **Wrong idea in the United States that Americans from the South are not "up to business" in the way the Americans from the North understand it.**—It is not rightly appreciated that local business routine differs in some instances from a Nort American point of view, and this should always be borne in mind. Nevertheless, a perfectly correct and satisfactory intercourse of commercial transactions could be established.

When some of these difficulties are done away with we know of many firms in this country which would rank among the best customers in the branches of North American manufacture. We trust that our views, approved of by most of our fellow business men here, will be looked upon as a frank and honest exposition of the prevailing state of affairs and a sincere desire to get in close connection with United States exporters, clearing away at the same time all hitherto existing obstacles with a view of mutual benefit.

It is the purpose of the Antofagasta firm to inclose one of these circulars with each first letter written to American manufacturers or exporters. This firm is just beginning to enter the general mercantile trade, adding this feature to its former business of representation of nitrate oficinas. Possibly older concerns which have had connections with American house for years would not have experienced the same difficulties.

DRAINAGE CONFERENCE.

URBANA, Illinois.—The second Annual Drainage Conference of the University of Illinois is to be held March 13-15, 1917.

Engineers, drainage officials, contractors, public officials, land-owners, and business men from all parts of the state will be in attendance to consider such important subjects as the reclamation of swamp and overflowed lands, flood control, and the conservation of the soil.

The subject of land reclamation in Illinois is one of greater importance than is generally supposed. Although some three million acres of uplands have been drained, there remain great overflowed areas of rich lowlands along the rivers, the aggregate extent of which is greater than that of Holland and the reclamation of which would add $150,000,000 to the land values of the state.

The conference to be held at Urbana will have for its purpose the stimulation of greater interest in this problem. The speakers will be engineers and public officials of prominence and information regarding the practical phases of drainage will be made available to those in attendance. The organization and financing of drainage districts, the surveying of drainage areas, the design of systems, and improved methods of construction are among the subjects to be considered.

The meeting will be in charge of the department of Civil Engineering, College of Engineering, Urbana, Illinois.

VALUE OF A DOLLAR SPENT IN CALIFORNIA.

[illegible] last meeting of the members.

[illegible] ner in which the 'Buy-at-Home' cam[illegible] been conducted in California," said Mr. Thorburn, "the Retail Mer[illegible] Association has been trying to put to a practical test the actual purchasing power of a single dollar, and its debt-paying capacity, when kept at home and used in trade chan[illegible] earned. This compared with a similar dollar sent to Chicago for a mail-order, whence the dollar could never return to the town from which it was sent after being first earned.

"A dollar bill was labeled by the Merchants' Association, the label requesting all receivers to spend it for nothing except home-grown or home-made goods at some local store; each tradesman receiving it to put his own name, amount of purchase and the date of receipt, on the label,—the man who received it on the 30th day to send it back to headquarters of the Association which would give out a second dollar in its place.

"At the end of the thirty days it was found that sixty-eight merchants in that small city had made as many sales in which this dollar has been used as payment, or part payment, and of these sixty-eight trade beneficiaries two of them were the owners of the local semi-weekly newspapers, each of which in turn received it at different times during the month, for the payment of a total of seven subscriptions."

The Home Industry League is now proposing that each member of the California Press Association start a similar dollar bill circulation campaign in the communities where each of the editors lives, as a practical way of educating their local townspeople into appreciating the value to each of them in spending their money in their own towns, as well as subscribing for the local newspapers who are spending so much of their hard-earned cash in teaching their fellow-citizens the value of "Buying-at-Home."

HOW DO YOU OIL YOUR ROAD ROLLER?

The ordinary way of oiling the three-wheel type of road rollers commonly used [illegible] is to apply [illegible] sack over the surface of the wheels or rollers, says M. L. Patzig in the Con[illegible] but this is dangerous work; it is dangerous while the wheel is moving, and the man's safety depends [illegible]

Place an ordinary cocoanut doormat over each of the rollers, holding them in place by a pair of wires fastened to [illegible] line of the axles.

[illegible] is a tank which formerly belonged to [illegible]

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this tank to a horizontal piece of perforated pipe a few inches above the doormat. The roller man can control the oil by valves in the piping to each mat.

My this method only a minimum quantity of oil is used, the time of one man is dispensed with, and all danger eliminated.

The foreman and [illegible] of the William Horrabin Company, Iowa City, Iowa, are credited with having conceived this apparently very practical idea.—The Road Maker.

BILL TO PROVIDE FOR COUNTY ENGINEERS.

A system of county engineers for the entire State, the men to be selected from a list approved by the State Engineer, is advocated in a bill introduced into the Assembly by Edwards of San Joaquin county. At the same time, Assemblyman D. R. Hayes introduced a measure calling for the road powers to remain almost exclusively with the Supervisors. .

Under the plan proposed by Edwards, the Supervisors would still select the county engineer, but would be compelled to choose from a list of eligibles furnished by the State Engineer, who is given the power to conduct examinations to select these men, if necessary to use that method of determining their fitness.

The man selected by the Board of Supervisors need not be a resident of the county which selects him. This clause was included in the interests of efficiency. The man appointed holds office four years, but may be discharged for misconduct, inefficiency or neglect of duty.

It is provided, however, that he may only be discharged by a commission to hear the evidence. This commission shall consist of a Superior Judge in the county involved, the chairman of the Board of Supervisors of that county and a third expert to be named by the State Engineer.

The bill provides that the county engineer shall have full direction and control of all highway construction, maintenance and improvement within the county which he serves. He shall also look after and repair all roads and bridges under the jurisdiction of the county.

ENGINEER PLANS BIG RIVER DAMS

LOS ANGELES, Cal.—Plans for construction of three dams in Colorado river near the mouth of Diamond canyon, to furnish cheap electric power for railroad, mining and other industrial work in Arizona, Nevada and Utah have been completed, according to word from Arizona points. J. B. Girand, local engineer, who orignated the plan, states that New York construction engineers are now investigating the proposition, by which it is stated 1,000,000 horsepower can be developed.

At Diamond canyon the Colorado is very narrow, flowing between walls 1500 feet high.

UNIVERSITY ALUMNI WILL AID TO BRING TOGETHER JOB AND MAN.

Recently the doors of the new employment bureau on the University of California campus were thrown open to help the students who will complete their college courses in May. The bureau is a new department in the offices of the California Alumni Association, and was created by the alumni organization to aid the Seniors in securing employment as soon as they graduate. The opening of the bureau has come after a year's investigation by which it was established that employers throughout the state would welcome an agency which would systematically place at their disposal each year's output of men and women from the University.

Chemists, horticulturists, metallurgists, accountants, lawyers, salesmen, dietitians, surveyors, draftsmen, architects, sanitarians, social service workers, miners, and a hundred other kind of workers will be listed and classified for the convenience of the inquiring employer. The facts and figures relating to the prospective employees, all of whom have spent four years in the University, will be open for the employer's reference.

The inquiry which the Alumni Association conducted before starting the Bureau proved how difficult it is for the average employer to find suitably trained men and women. While a large number of men and women especially fitted to make a start in business go forth each year from the University, heretofore there has been no intelligent method by which an employer might find the particular individual needed.

The first month will be occupied with registering Seniors eligible for employment June 1. When the registration is complete, a statement will be issued to employers, through the newspapers and through various chambers of commerce and other channels. This statement, which will be made in the latter part of March, will give a general idea as to the vocational preparation and fitness of the 1917 crop of University-trained men and women.

WYBRO-BOARD, A NEW GENERAL UTILITY PANEL.

White Bros. are now marketing a new product called Wybro-Board, which will prove of great benefit and economy in all lines of business, where a thin, strong wood is required.

This new board is made of three thickness of Oregon pine, the inner-ply running crosswise, and is adapted to a great variety of uses on account of its strength, durability, economy and lightness, and is especially effective in the manufacture of drawer bottoms, boxes, cases, show cards, photographic and advertising panels, factory trays, mounting boards, mirror backs, trunk bodies, bulletin boards, transfer files, cores for making panels, parcel hampers, refreshment boxes, novelties, patterns, chair backs for upholstered furniture, cheaper wall boards, wainscoting, especially where it is to be painted or enameled over and in every case where a strong light wood is desired.

These panels are rough and must be sanded to be used as wall panels or wainscoting. The charge for sanding is ½c per square foot. Sizes carried in stock range from 24"x60", ¼ inch to 36" x48", 5-16, all 3 ply.

ENGINEER IS MAN OF THE FUTURE IN FRANCE.

PARIS [illegible] observers declare that the engineer is the man of the future in France. It is not a mere supposition based upon the eventual reconstruction, but seems rather to be a deduction from the new spirit of the Frenchman.

In the words of a professor of the Central Polytechnic school, France "trained its students before the war as if they should all enter the institute," and it is generally recognized as a fact that, in her hour of need, France felt the lack among her scientists of men able to give practical application to their discoveries.

France has had great engineers—a few of them—at all epochs. French engineers pierced the Isthmus of Suez, dredged the South American ports, built the seaports of the Levant, started the Panama canal, gave the first impetus to the automobile industry and aviation; yet in its industrial enterprises before the war France employed an average of only one engineer for every 100 workmen, where Germany employed four. It is to this situation that many attribute the fact that France was losing its lead in the automobile industry and had already been passed in aviation by Germany when the war broke out.

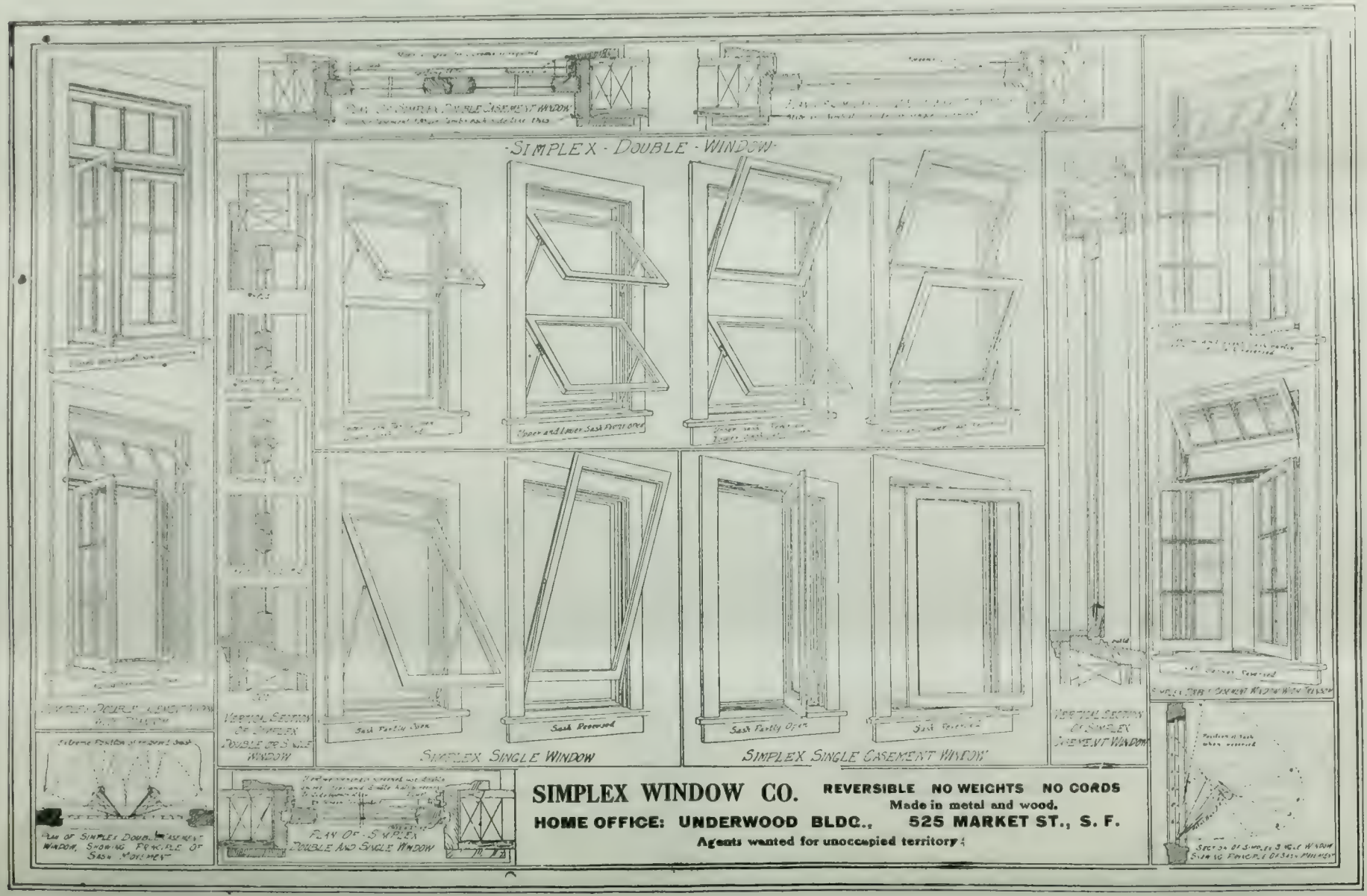
UNBREAKABLE WINDOW GLASS INVENTED.

A new glass, transparent, tough and strong, which a 22-caliber bullet cannot penetrate and a brick cannot shatter, has been invented, according to Popular Science Monthly. The secret of its strength is said to be a sheet of white, transparent celluloid, twenty one-thousandths of an inch thick, placed between two pieces of glass. The glass and celluloid are welded together under high temperature and tremendous pressure, the resula being a solid sheet possessing the transparency of the best plate glass and the strength of a sheet of metal.

SACRAMENTO, Cal.—An examination for assistant examiner of the State Civil Service Commission will be held in this city on March 17th. Similar examinations will be held in San Francisco and Los Angeles at the same time. Candidates are requested to have had at least two years' training in a university or college, and one year's experience or more in direct dealing with men employed in skilled trades and allied occupations. The entrance salary is $1,500 a year. This examination is open to all citizens between the ages of 21 and 60.

LODI, Cal.—Mrs. Estrella Brewer and Miss Agnes V. Solkmore have purchased a large lot in Olive Court and will erect thereon a tenement house as in investment.

LAKEVIEW, Ore. — The railroad committee is in receipt of a letter from Rebert E. Strahorn, Railroad buildier of Portland, Ore., in which he states that a map will soon be mailed showing the exact location of all the buildings that are to be located on the proposed railroad property in Lakeview. The letter states that these include a round house, warehouse, freight and passenger depots, shops and other buildings. From this it would appear that Lakeview is to be one quite a division point on the proposed railroad. This line is being financed in part by cities and counties in Oregon affected by the proposed line.


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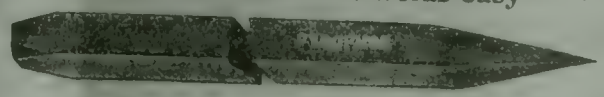
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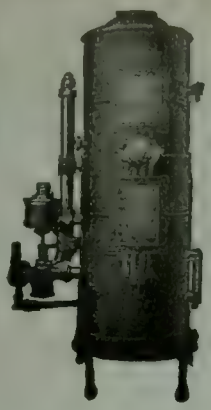
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ANOTHER FOREIGN BRANCH BANK FOR HARBIN.

MANCHURIA, China. The Banque d'Industriele de l'Indo-Chine has purchased a plot of land in the Pristan, or business district, of Harbin, and is erecting a building thereon. It is understood that when the building is finished, probably in the spring of 1917, the bank will open a branch here of its Tientsin house, to take charge of the growing exchange business. This will be the fourth foreign bank established here, besides the Russo-Asiatic Bank and theHarbin Second Mutual Credit Society. The other three now established are the Hongkong & Shanghai Banking Corporation, the Yokohama Specie Bank, and the Bank of Chosen (Japanese). The International Banking Corporation has been also investigating the desirability of establishing a branch in Harbin to take care of American trade, which has greatly increased since the beginning of war.

The property of the Banque d'Industriele de l'Indo-Chine is one of the most desirable business locations of the town, and the leasehold of the land is said to have cost 60,000 rubles ($30,900 to the normal exchange rate of $0.515 to the ruble).

Joe. B. Hawkins, Globe, Ariz., is in the market for mixed carloads of building materials, lumber, framing and finishing.

L. S. Brindley, P. O. Box 366, Dallas, Texas, desires to get in touch with responsible mortgage loan institutions in this city.

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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
•1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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DECIDED ACTION NEEDED ON THE FOOD QUESTION.

Women and girls in New York fighting for food like wild animals may be dismissed by some as a disorderly riot.

But it is more a revolution on a small scale.

This country is patient, but her patience is nearly exhausted. Investigations galore are under way, but they lead nowhere in particular. If another investigation is mentioned or started, the whole country will shriek from outraged nerves.

If Congress has power to fix prices at which food shall be sold, that power certainly should be exerted immediately.

And if such constitutional authority be lacking, it should be given with as little delay as possible.

But as the Constitution stands, it would seem that Congress has as much power to regulate prices, for a great public need, as to impose bone-dryness on States which have refused to enact anything of the sort and, on the contrary, have expressly authorized the importation of alcoholic liquors for personal use.

At all events, let Congress do whatever it can, and to the best of its authority and ability, to break up greedy and outrageous combinations and speculative hoarding of foods that millions of people sorely need.

Of what avail is it that the national banks last year earned a bigger profit than ever before in their history; that farmers are receiving record prices; that manufacturers and producers are hard put to estimate their earnings, if workingmen and women and children of this country are in sore distress?

Every man has a right to make money.

But above that stands the right of every man, woman and child to a fair living.

Between the two, the right to subsistence rules supreme. No man nor set of men, equitably or morally can demand the privilege of making increased profits if that mean the semi-starvation of fellow-creatures.

But there are such heartless wretches, which unfortunate fact makes it a duty of the Government to compel by law, to all possible extent, what disregard for humanity does not induce.—Sacramento Bee.

THE AUTO IN CALIFORNIA BUSINESS CIRCLES.

The unsuspectedly great importance of the automobile in the development of the industries of the State of California will be described in song, in dance, in moving-picture, and in short [illegible] at the meeting of the Home Industry League of California, to be held in the large ballroom of the Palace Hotel on Thursday, March 1st at 12 [illegible].

The short talks will be given by City Engineer M. M. O'Shaughnessy, H. O. Lowell, of the Desmond Park Service Co.; and Carl H. Brockhagen, President of the San Francisco Ad Club.

The films to be shown include:

"The Race to Bear Valley."

"The Winning of the Desmond Trophy."

"The H-3 Submarine Ashore at Eureka."

The songs, to be illustrated by new dances, will be rendered by the "Techau Tavern Sextet" of young lady entertainers.

The meeting being of a special character it is expected that some 400 businessmen will be in attendance.

PRELIMINARY FIGURES ON 1916 WOOD PULP PRODUCTION.

WASHINGTON, D. C.—Returns from 160 wood-pudp mills throughout the the country, received in connection with the census of pulp-wood consumption and wood-pulp production being made by the Forest Service in co-operation with the Newsprint Manufacturers' Association, show that the reporting mills used in 1916 3,419,000 cords of wood and had an output of approximately 2,229,000 tons of pulp. It is expected that by the middle of March reports from practically all of the mills in the country operating in 1916 will have been received. Complete figures are to be made public as soon as the remaining mills have been heard from.

Of the total production of wood pulp thus far reported 973,329 tons was made by the mechanical process, 892,110 tons by the sulphite process, 314,085 by the soda process, and 49,053 by the sulphate process.

No figures on pulp-wood and wood-pulp consumption have been compiled by the Forest Service since 1911, and it is expected that the present census will reveal a number of changes both as to amount and kinds of wood used. It is stated that the higher stumpage values and the decreasing supplies of spruce and hemlock, as well as improved methods of manufacture, have caused pulp makers to use increasing [illegible] of other woods.

The final report of the census by the Forest Service will show by States the number of cords of each kind of wood used in each of the four processes of [illegible] as well as the average [illegible] of wood in the rough peeled or rossed stage. Figures showing the [illegible] each kind of wood [illegible] will be given.

Items of Interest.

WASHINGTON, D. C.—An amendment to the Army bill appropriating $300,000 for a shop-room at Benicia arsenal was introduced recently by Senator Works.

SUSANVILLE, Lassen Co., Cal.—The Lassen County Board of Supervisors has accepted the new $80,000 Court House. Construction work has been under way on the building for a year and a half.

It is estimated four months will expire before the installation of furniture will be completed.

The furniture contracts have not yet been awarded.

COLUSA, Cal.—The plans for the new $85,000 grammar school building are now in the hands of the Board of School Trustees. Architect H. H. Weeks, who designed the building, will be called from San Francisca to go over the plans in detail.

NAPA, Cal.—Postmaster Waldon has received notice from Washington that the Post Office will remain on its present location. However, it will be remodeled, equipped with new fixtures and improved generally.

ROSEVILLE, Placer Co., Cal.—The Pacific Fruit Express Company will in the near future expend $90,000 in the erection of car shops here, to replace those standing, and 352 refrigerator cars will be built in Roseville when the buildings are completed. So announced by J. H. McClymonds, construction engineer for the company, who was here making preliminary surveys.

Almost two miles of additional repair tracks will be laid.

Three hundred men will be employed in the erection of the new buildings, and after the shops are completed they will furnish permanent employment for 260 men, or sixty men more than are now employed. The refrigerator cars will cost $2,500 apiece.

SACRAMENTO, Cal.—Actual construction work on Sacramento County's $1,750,000 road system will be started by April, according to County Highway Engineer R. M. Morton. The survey crews are nearly finished with their work and have only to work twenty-five and one-quarter miles more of highway. All of the 125 miles of roads will then be surveyed..

Sixty miles of highway will be completed by November, 1917, and all of the bridges will be built, so that travel next Winter will not be hindered.

WILLOWS, Cal.—It is estimated it will cost Glenn and Colusa Counties $266,000 to construct the joint county bridge proposed between the two counties over the Sacramento River at Princeton. The bridge as planned is to cross the Sacramento River at a point 1200 feet south of the present ferry.

SUSANVILLE, Lassen Co., Cal.—Following closely the visit of business men interested in these mill operations, articles of incorporation were perfected which insures Honey Lake Valley a new flour mill.

The two old mills have been abandoned and all milling grain is shipped to Stockton, Reno, or Salt Lake City, which make flour prices high.

The new mill will be erected near the Southern Pacific station at Susanville. The promoters of the new company are men with means.

The shareholders are: A. E. DeForest, G. E. DeForest, Charles Lawson, J. S. Barritte, John T. Long, F. C. Fogin and Ned T. Hooker.

MANTECA, San Joaquin Co., Cal.—A. V. Faight of the Commercial-Healds College was in Manteca recently and gave out the statement that he would likely put up a business building on his property at the corner of Yosemite avenue and Sycamore street in the very near future. This property adjoins the Irrigation Bulletin building and is considered a choice location.

SACRAMENTO, Cal.—P. E. Mikle of 3000 Thirty-fifth street announces that he will begin work immediately remodeling the Mikle theatre of Thirty-fifth street, which is to be occupied by the Capital Van and Storage Company. The Mikle building, which was erected in 1911, is a fireproof structure. 38 feet in breadth and 114 feet long.

KLAMATH FALLS, Ore.—According to Secretary Fred E. Fleet of the Klamath Commercial Club, arrangements are being completed for the establishment of a tannery and glove factory here by the firm of McClain & Henri, formerly of Pheonix, Ore.

O. D. Matthews and M. R. Doty, of the club and members of the City Council, are assisting the firm to secure a suitable location for the plant.

OPPORTUNITY FOR YOUNG MEDICAL MEN.

Government Filling Vacancies in Public Health Service.

According to a statement just issued by Surgeon General Rupert Blue, young medical men between the ages of 23 and 32 will be given an opportunity each month to demonstrate their fitness for admission to the grade of Assistant Surgeon in the U. S. Public Health Service. There are several vacancies in the governement's mobile sanitary corps, which is now in the 119th year of its existence, but in order to be recommended to the President for commission, a physical and professional examination must first be passed. As the tenure of office is permanent and the Public Health officers are ordered to duty in all parts of the world, they are required to certify that they believe themselves free from any ailment which would disqualify them for service in any climate. Boards will be convened at Washington, Boston, New York, Chicago, St. Louis, Louisville, New Orleans and San Francisco, but permission to take the examination must first be obtained from the Surgeon General. The examination is searching and includes, in addition to the various branches of medicine, surgery and hygiene, the subjects of the preliminary education, history, literature and the natural sciences. The commissions will be issued as Assistant Surgeon and after four years of service, the young officers are entitled to examination for promotion to the grade of Passed Assistant Surgeon, and after twelve years of service to another examination for promotion to the grade of Surgeon. The annual salaries are: Assistant Surgeon, $2000; Passed Assistant Surgeon, $2400; Surgeon, $3000; Senior Surgeon, $3500; Assistant Surgeon General, $4000. When the Government does not provide quarters, commutation at the rate of $30, $40, and $50 a month according to grade is allowed. All grades receive longevity pay, that is 10% in addition to the regular salary for every five years until the maximum of 40% is reached. When officers travel on official duties they are reimbursed their actual travel-expenses.

LABORATORY DETECTION OF CRIME TO BE A SUMMER SESSION COURSE.

Would-be Sherlock Holmeses are to be aided by the University of California. How science can aid in the detection of criminals is to be taught in the Summer Session.

Co-operating with the Berkeley Municipal School for Police Officers, Dean Walter Morris Hart has arranged for Summer Session course, from June 25 to August 4, on "Field and Laboratory Methods for Criminal Investigation." It will be given by Edward Oscar Heinrich of Tacoma, Washington, trained as a chemist at the University of California, who since then has achieved reputation as an expert examiner of question documents and as an authority in poisoning cases.

Ten members of the San Francisco detective and police staffs are to be detailed to attend the Summer Session and to take this course. The Berkeley policemen will join the class and the University expects representatives of police departments from all over the Pacific Coast, as well as attorneys who specialize in criminal law, social workers, bank officials and others interested in ways of detecting forgery and students of criminology.

Photographic enlargements will be used to show how a forged signature may be distinguished from the genuine signature, by the differences between the free sweep of genuine handwriting and the copying of the forger, and study of light and shade in signatures, the frequency with which the pen is lifted, the character and position of shadings, and other elements of handwriting which betray the forger. Heinrich will tell, also, how the age of a document or a signature may be determined, how the wretches who write slanderous anonymous letters may be unveiled, how the writer of an unsigned typewritten document may be detected, and how banks may guard themselves against check-raising, alterations and interlineations of legal documents, and the like.

A grisly chapter of the course will be a discussion of the study of blood stains as a means of finding out the guilty.

EXPORTS OF SUGAR TO UNITED STATES FROM THE GUIANAS.

The exports of sugar from British Guiana to the United States, according to invoices certified at the Georgetown consulate, increased from 2,561,399 pounds, valued at $99,716, in 1915 to 21,519,677 pounds, valued at $940,840 in 1916. The exports from the agency at Paramaribo Dutch Guiana amounted to 8,853,130 pounds, valued at $621,071, in 1915 and to 5,431,136 pounds, valued at $510,867, in 1916.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO -Apartment house, 3 story and base, brick, $50,000. Architect, W. G. Hind, 46 Kearny street, S. F. Owners, Mealey & Collins. Location, west Gough near Sutter, covering an area of 87½ by 87½ feet. Will contain ten apartments each of six rooms and two baths. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $23,000. Architect, none. Owner, M. Dempniak, 1828 Hyde street, S. F. Location, west Pierce south California, covering an area of 30 by 117 feet. Will contain nine modern apartments of four rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction, $50,000. Architect, none. Owner, C. J. Keenan, 300 Webster street, S. F. Location, west Stockton near Post. Details of this building have not been worked out and a further description will be given next week.

SAN FRANCISCO—Apartment house, 4 story and base, brick, $25,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, W. W. Yager. Location, north Post west Leavenworth. Will contain 32 rooms which will be arranged in two-room suites.. Plans complete and a contract for the brick work has been awarded to Paul Messner. Balance of the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 2 story and base, frame, $7,500. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, A. L. O'Brien. Location, east Leavenworth between Post and Sutter. Will contain two large residential apartments. Plans to be revised and new figures taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $15,000. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, F. L. Turner. Location, 9th avenue and East 18th street. Will contain a number of two, three and four room apartments. Plans complete and figures being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base, frame, $16,000. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner's name withheld. Will contain a total of 30 rooms arranged in suites of two and three rooms. Plans are being prepared.

TRACY, SAN JOAQUIN CO., CAL.—Apartment house, 3 story and base, concrete. Cost not stated. Architect, none. Owner, M. A. Buck, Tracy. Location, 9th and A streets. Will contain ten suites of two and three rooms. Plans are being prepared.

BREMERTON, WASH. — Apartment house, 3 story and base, brick, $40,000. Architect, A. L. Haley, Peoples' Bank Bldg., Seattle. Owner's name not given. Location, Navy Yard, covering an area of 58 by 85 feet. Will contain 18 suites of two, three and four rooms. Plans being prepared.

SAN FRANCISCO Apartment house alteration, 3 story and base, frame, $10,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name not given. Location, California street. The present frame flat building will be altered into six modern apartments. Plans are being prepared.

BONDS.

LOMITA PARK, SAN MATEO CO., CAL.—Preparations are being made for calling a bond election for $30,000 with which to finance construction of a new school for the Lomita Park School District.

FAIRFIELD, SOLANO CO., CAL.—In order that they may have a definite plan upon which to base a bond issue for the construction of permanent roads throughout the county, the Solano County Board of Supervisors has decided to request a Federal engineer to make a survey and compile a report. The engineer will be detailed here by the Federal Department of Agriculture. His report will be made after an investigation of the best methods to adopt in this district.

SAN DIEGO, SAN DIEGO CO., CAL.—The bond issue for $682,000 for the construction of the Lower Otay dam carried and construction work will be started when the bonds are sold.

MIDDLETOWN, LAKE CO., CAL.—Bonds of $10,000 have been voted for a new school building.

LONG BEACH, LOS ANGELES CO., CAL.—The Board of Education is considering calling an election to vote on an issue of bonds for the erection of a new grammar school at Fifteenth and Linden streets, and a high school building in the eastern part of the city. The total amount of the proposed issue has not been decided.

TUCSON, ARIZ.—The $150,000 issue of bonds for the erection of new school buildings and the purchase of equipment carried at the election held February 17. The proceeds of the issue will be used in the construction of a large school building on the south side of the present Safford School, the erection of a school for colored children, four ward schools, and the purchase of additional land and equipment.

BAKERSFIELD, KERN CO., CAL.—The $90,000 Bakersfield school bonds for new school buildings voted last month will be sold by the Supervisors on March 7th.

ALPAUGH, TULARE CO., CAL.—The State Bonding Commission has validated the irrigation bonds for the Alpaugh district to the extent of $180,000. The bonds have been purchased by the Aronson-Gale Company of Los Angeles.

CLIFTON, ARIZ.—Bids will be received by the Town Council up to March 15, for the purchase of $160,000 bonds issued for the construction and reconstruction of river walls, bridges, and building and rebuilding roads within the city. Mat Danenhauer is the clerk.

RICHMOND, CONTRA COSTA CO., CAL.—Petitions are in circulation asking that an election be called to vote bonds of $100,000 with which to purchase property and erect a new city hall.

FRESNO, FRESNO CO., CAL.—Miles Humphreys, president of the City Planning Commission, will shortly consult with the Supervisors relative to erecting a new combined city and county library in Fresno. William [illegible] of the architectural firm of Glass & Butner, is chairman of the Board of Library Trustees, and it is probable that he will prepare the necessary plans.

HOLBROOK, ARIZ.—An election has been called for March 20 to vote bonds of $[illegible],000 for the construction of county highways.

BERKELEY, ALAMEDA CO., CAL.—Following the receipt of advice from the District Attorney to the effect that it is within the power of the Board of Education to vote a special tax for the purpose of erecting additions to schools, the Board has decided to call a special school election to pass upon a proposal to issue bonds to the amount of $250,000.

WATSONVILLE, SANTA CRUZ CO., CAL.—Alderman C. B. Lewis was selected by Kirby West, County Highway Engineer, to supervise the work of making the preliminary surveys of the mileage which is proposed to improve in this end of the county with money raised by the good roads bond issue.

MODESTO, STANISLAUS CO., CAL.—A special bond election of $80,000 for the construction of a municipal swimming pool, laying storm sewers and street intersections will be called in the near future by the Modesto City Council, according to a resolution passed by that body. It is probable that the election will be placed on the ballot at the regular city election, April 7. The resolution calls for $10,000 for the swimming pool, $30,000 for laying of storm sewers and $40,000 for street intersections.

DIXON, SOLANO CO., CAL.—Plans are under way to form a drainage district to consist of 60,000 acres lying east and southwest of Dixon and some of which is in Yolo County. A preliminary survey has been made as quick action is expected.

RIO VISTA, SOLANO CO., CAL.—Papers calling an election to vote bonds of $35,000 have been drawn up by District Attorney Arthur Lindauer. The issue will finance the construction of a new grammar school.

BRIDGES AND DAMS.

SAN FRANCISCO—Steel doors. Cost not stated. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be opened by the State Board of Harbor Commissioners on March 15th at 11 a. m. for furnishing steel rolling doors for Pier No. 29. Plans and specifi-

tions can be secured from the State Board of Harbor Commissioners, Ferry Bldg.

CHURCHES.

REEDLEY, FRESNO CO., CAL.—Church, 1 story and base, frame. Cost not stated. Architect, Henry Starbuck, Fresno. Owners, Baptist Church. Location, 11th and E streets. Will contain main auditorium and Sunday school rooms. Plans complete and work to be done by Day Labor.

PITTSBURG, CONTRA COSTA CO., CAL.—Church, 1 and 2 story and base, reinforced concrete, $30,000. Architect, William Knowles, Hearst Bldg., S. F. Owners, First Congregational Church. Besides the main auditorium and Sunday school rooms, plans provide for a gymnasium and social halls. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Church completion, frame, $5,000. Architect, F. W. Reid, Concord. Owners, First Christian Church. Location, Bissell avenue between 5th and 6th streets. Work will consist of interior trim, plumbing, plastering and electric work. Plans complete and work to be done by Day Labor.

COURT HOUSES.

FRESNO, FRESNO CO., CAL.—Court house addition, 4 story and base. Class C construction, $35,000. Architects, Coates & Travers, Rowell Bldg., Fresno. Owners, Fresno County. Preliminary plans for an addition to the present building have been prepared. These plans are now up to the Board of Supervisors for approval. Further mention will be made of the work.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL.—Factory, 2 story and base. Class C construction, $160,000. Architect, William Griesser, 64 West Randolph street, Chicago, associated with Oliver Duval & Son, Dalziel Bldg., Oakland. Owners, Remar Co. The Remar Co. a new packing industry, composed largely of local capital, has secured a large tract in Oakland bounded by 45th, Adeline, 47th and Linden streets on which will be erected one of the largest and most modern packing plans about the bay district. Plans for the various buildings have been prepared by William Griesser, a specialist in this line of construction. Constructure will be carried out in units of four, the first of which consists of two brick and concrete buildings, each of two stories. The main factory building will be of brick and will cover an area of 180 by 100 feet. The other building has been designed for a garage and will cover an area of 40 by 90 feet. Following the completion of these buildings construction of the second unit, consisting of a four-story brick structure, covering an area of 100 by 180 feet, will be started. Construction together with the equipment will cost in the neighborhood of $160,000.

EMERYVILLE, ALAMEDA CO., CAL.—Factory, 1 story, brick. Cost not stated. Architect, none. Owners, Sterling Paint Co., 118 First street, S. F. Will cover an area of 50 by 60 feet. Plans complete and work to be carried on under the supervision of Sommarstrom Bros., 2417 Telegraph avenue, Oakland.

CALWA, FRESNO CO., CAL.—Packing plant, 1 and 2 story and base, reinforced concrete, brick and steel, $150,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Universal Packing Co. Building will cover an area of 120 by 200 feet. Plans are being prepared. Further mention will be made of the work.

TACOMA, WASH.—Flour mill, 6 story and base, reinforced concrete, $150,000. Architect, none. Owners Keystone Cereal Co., Tacoma. Will cover an area of 60 by 110 feet. Plans complete and figures being taken by E. O. Fitzpatrick, 2311 Jefferson street, Tacoma.

PORTLAND, ORE.—Factory, 3 story and base, mill construction, $20,000. Architect, E. B. MacNaughton, Concord Bldg., Portland. Owners, Great Northern Casket Co. Location, Macadam road and Virginia street. Plans are being prepared.

VISATACION, SAN MATEO CO., CAL.—Railroad shops, 3, 1 story, brick and steel. Cost not stated. Engineer, Chief Engineer, Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Bids will be opened this week for three large shop buildings, a round house, car shop and planing mill. Concrete foundations are now in.

PORTLAND, ORE.—Factory, 4 and 6 story, mill construction. Cost not stated. Architect, A. H. Lamm, Henry Bldg., Portland. Owners, Rasmussen & Co., Location, Sullivan's Gulch. The six-story building will cover an area of 100 by 130 feet and the four-story 30 by 100 feet. Plans complete and figures being taken.

Contract Awarded.

ASTORIA, ORE.—Factory, 3 story and base, mill construction. Cost not stated. Architect, E. N. Larry Co., Astoria. Owners, Astoria Soap Co. Contractor, Victoria Westerlund, Astoria. Contract price not stated.

SEATTLE, WASH.—Warehouse and dock, $350,000. Engineer, Chief Engineer, Portland. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, J. A. McEachern Co., Bell Street Dock, Seattle. Contract price, $350,000.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,000. Architect, none. Owner, Emil Nelson, 430 26th avenue, S. F. Location, west Delmar south Waller, covering an area of 25 by 56 feet. Will contain flats of five and six rooms. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, $5,000. Architect, none. Owner, Joseph Edenhofer, 3011 Cypress street, Sacramento. Location, 2000 F street. Will contain four flats of four rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, $6,500. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Cadematori. Location, east Taylor south Union. Will contain three three flats of three and four rooms. Plans complete and figures being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, $6,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, G. B. Delucci. Location, south Union east Taylor. Will contain two flats of five rooms each. Basement garage. Plans complete and figures being taken.

GARAGES.

SAN FRANCISCO—Auto sales rooms, 4 story and base, reinforced concrete, $67,000. Architect, none. Owners, J. H. and D. Neustadter. Engineers, MacDonald & Kahn, Rialto Bldg., S. F. Location, northwest Van Ness avenue and Sacramento stret, covering an area of 72½ by 137½ feet. Subfigures are now being taken for brick, plastering, painting, electric, plumbing, heating, elevators, roofing and sheet metal work.

BERKELEY, ALAMEDA CO., CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, Walter D. Reed, Oakland Bank of Savings, Oakland. Owner, James P. Taylor. Location, Webster between 24th and 25th streets. Designed for a commercial garage and will contain office and repair shop besides the storage space. Plans complete and figures being taken.

SACRAMENTO, CAL. — Garage, 1 story and base, brick, $2,200. Architect, none. Owners, Pacific Gas and Electric Co. Will cover an area of 80 by 40 by 22 feet. Plans complete and work to be done by Day Labor.

CHICO, BUTTE CO., CAL.—Garage and auto sales rooms, 1 story and base, reinforced concrete, $10,000. Architect, Chester Cole, Chico. Owners, S. H Chalmers and A. A. Fanno. Will cover an area of 40 by 120 feet. Plans complete and work to be done by Day Labor.

YUBA CITY, SUTTER CO., CAL.—Garage, 1 story, frame. Cost not stated. Architect, none. Owner, T. Dowell, Yuba City. Location, Keyser and Second streets, covering an area of 45 by 90 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

SEATTLE, WASH.—Garage and sales rooms, 2 story and base, reinforced concrete, $75,000. Architect, none. Owners, Puget Sound Dredging and Bridge Works, Seattle. Contractor, J. T. Hefferman, Seattle. Contract price, $75,000

LOS ANGELES, CAL.—Garage and sales rooms, 4 story and base. Class C construction, $50,695. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, R. W. George. Contractors, Pozzo Construction Co., 321 Macy Bldg., L. A. Contract price, $50,695.

GOVERNMENT WORK & SUPPLIES.

San Francisco Circular No. 179.

The following bids were received by the depot quartermaster, San Francisco, Cal., under office circular No. 179, opened Jan. 29:

Bid 1. Yates & Co., 762 Folsom street, San Francisco, Cal.
2. Electro-Alkaline Co., 809 High street, Oakland, Cal.
3. W. P. Fuller & Co., 301 Mission street, San Francisco, Cal.
4. Boesch Lamp Co., 1135 Mission street San Francisco, Cal.
5. Selby Smelting & Lead Co., Merchants' Exchange Bldg., San Francisco, Cal.
6. Foucar, Ray & Simon, 512 Folsom street, San Francisco, Cal.
7. Pacific Hardware and Steel Co., 7th and Townsend streets, San Francisco, Cal.
8. Wright Wire Co., 111 Townsend street, San Francisco, Cal.
9. Pacific Tool and Supply Co., 402 Mission street, San Francisco, Cal.
10. Indianapolis Saddlery Co., Indianapolis, Ind.
11. Herbert F. Dugan, 1170 Sutter street, San Francisco, Cal.
12. Bass-Hueter Paint Co., 816 Mission street, San Francisco, Cal.
13. W. T. Garratt & Co., 299 Fremont street, San Francisco, Cal.
14. Zellerbach Paper Co., Battery and Jackson streets, San Francisco, Cal.

15. Richardson Phoenix Co., Monadnock Bldg., San Francisco, Cal.
16. M. Greenberg's Sons Co., 225 Beale street San Francisco, Cal.
17. D. E. Mannion, 417 Market street, San Francisco, Cal.
18. Patent Vulcanite Roofing Co., 16th and Utah streets, San Francisco, Cal.
19. Standard Oil Co., 200 Bush street, San Francisco, Cal.
20. H. S. Crocker Co., 565 Market street San Francisco, Cal.
21. Baker & Hamilton, 4th and Brannan streets, San Francisco, Cal.
22. John Clark Saddlery Co., Portland, Ore.
23. J. & R. Wilson, Inc., 117 Steuart street, San Francisco, Cal.
24. Manning Sand Paper Co., 340 Stockton street, San Francisco, Cal.
25. C. J. Hendry Co., 27 Main street, San Francisco, Cal.
26. U. S. Rubber Co., of California, 50 Fremont street, San Francisco, Cal
27. Bowers Rubber Works, 68 Sacramento street, San Francisco, Cal.
28. Great Western Smelting & Refining Co., 75 Folsom street, San Francisco Cal.
29. Boston Belting Co., Hobart Bldg., San Francisco, Cal.
30. The Geo. Lawrence Co., Portland, Ore.
31. Eccles & Smith, 71 1st street, San Francisco, Cal.
32. Waterbury Co., 113 Davis street, San Francisco, Cal.
33. Woods, Huddart & Gunn, 441 Market street, San Francisco, Cal.
34. H. W. Johns-Manville Co., 2d and Howard streets, San Francisco, Cal.
35. Pacific Metal Works, 157 1st street, San Francisco, Cal.
36. Lilac-Lac Mineral Paint Co., Chronicle Bldg., San Francisco, Cal.
37. California Paint Co., 12th and Pine streets, Oakland, Cal.
38. Crucible Steel Co., of America, 542 Folsom street, San Francisco, Cal.
39. Glaze & Douglas, Humboldt Bank Building, San Francisco, Cal.
40. General Machinery & Supply Co., 39 Stevenson street San Francisco, Cal.
41. Crane Company 2d and Brannan streets, San Francisco, Cal.
42. Union Oil Co., of California, Mills Bldg., San Francisco, Cal.
43. The Linen Thread Co., 443 Mission street, San Francisco, Cal.
44. Wolverine Brass Works, 216 Natoma street, San Francisco, Cal.
45. The Perkins-Campbell Co., Cincinnati, O.
46. Universal Trading Co., 220 4th avenue, New York city.
47. Ruwart Saddlery Co., Jefferson City, Mo.

Item 1. 75 ft belting, leather—Bid 7, 18c ft.

2. 288 blades, hacksaw—Bid 7, 27c ea; 9, 21½c; 21, 11c; 31, 23c; 39, 28.92c.
3. 1 block, snatch—Bid 25, $12.60.
4. 24 bolts, machine, ⅜ in by 10 ins—bid 7, $4.10 per 100; 21, $4; 40, $4.35.
5. 100 do, ⅝ by 2 ins—Bid 7, $5.05 per C; 21, $5; 40, $5.39.
6. 9 sq ft brass—Bid 9, 60c lb.
7. 24 brushes, casting—Bid 7, $3 doz.
8. 6 oilers, hand, brass—Bid 4, $1 ea; 21, 16c.
9. 2 do, ½ pint—Bid 4, $1 ea; 21, 25c.
10. 25 lbs cement—Bid 7, 35c lb; 9, 35c.
11. 6 clamps, wire rope—Bid 7, 25c ea.
12. 1 cleaner, boiler tube—Bid 23, $100; 31, $75.
13. 50 ft hose steam—Bid 27, 49c ft.
14. 12 yds cloth, light flannel—Bid 15, 81c yd; 46, $1.90.
15. 400 gals compound, boiler—Bid 17, 12c lb.
16. 6 elbows, brass reducing—Bid 41, 50c ea; 44, 33c.
17. 6 fillers, oil, engineers—Bid 4, $1.75 ea; 21, 40c.
18. 92 gaskets, gauge glass—Bid 7, 9c ea; 44, 1.5c
19. 18 glasses, gauge, Monerief—Bid 7, 90c doz; 21, $1.20, 40, $1.14.
20. 24 do, 5-8x13 ins—Bid 7, $1.15 doz; 21, $1.70, 40, $1.60.
21. 36 do, ¾x13 ins—Bid 7, $1.45 doz; 21, $2, 40, $1.96
22. 144 do, ¾x15 ins—Bid 7, $1.65 doz, 21, $2.20, 40, $2.23
23. 12 do, ¾x36 ins—Bid 7, $4 doz; 40, $8.96.
24. 260 lbs graphite, flake—Bid 1, 24c lb; 7, 31c; 27, 35c; 46, 26.9c.
25. 5 lbs do, lubricating—Bid 1, 16c lb.
27. 4 hooks, boat—Bid 25, 60c ea.
28. 60 ft hose rubber suction—Bid 26, $1.20 ft; 27, $1.23; 29, $1.26.
29. 10 11 do, 4-in—Bid 26, $2.45 ft; 27, $2.64; 29, $4.30.
30. 8 tons iron, pig, No. 1 gray—Bid 6, $42 ton, 33, $40.50.
31. 5 tons do, No. 2 gray—Bid 33, $40.50.
32. 600 ft lacing, belting—Bid 7, per 100 ft, 10, 75c; 16, 98c.
33. 600 ft do, No. 1—Bid 7, per 100 ft, 10, 80c; 16, 98c.
34. 300 ft do, No. 2—Bid 7, per 100 ft, 10, 90c; 16, 98c.
35. 2 lights, mast head, No. 13—Bid 4, $13.50 ea, 25, $6.
36. 2 do, side, No. 2, green—Bid 4, 13.50 ea, 25, $4.65.
37. 2 do, red—Bid 4, $15 ea, 25, $14.
39. 2 ounces nitrate of silver—Bid 11, 61c ounce.
40. 24 oats, ash, 8 ft—Bid 1, 25, 8½c.
41. 300 gals oil, railroad axle—Bid 1, 16.5c gal; 3, 9c; 10, 10.5c; 42, 22c
42. 1800 gals do, dark cylinder—Bid 1, 36.5c gal; 3, 35c; 19, 39c; 42, 29c
43. 1,200 gals do high speed engine—Bid 1, 39c gal; 3, 15c; 19, 38.5c; 42, 35.
44. 2,000 gals do, marine engine—Bid 3, 34c gal; 19, 35c; 42, 29c.
45. 500 gals do, Mobile A—Bid 1, 12.5c gal; 3, 40c; 17, 15c and 55c; 19, 52.5c; 42, 50c.
Bid 26, 82.5c lb; 27, 80c.
47, 48, and 49. 35 lbs packing, valve stem, twisted coil—Bid 34, 90c lb.
50. 120 gals paint, aluminum—Bid 1, $3.24 gal; 3, $3.15; 36, $4.50 and $5; 46, $4.319.
51. 330 gals do, asphaltum—Bid 1, 72c and $1.11 gal; 3, 75c; 12, $1.08; 18, $1.60; 36, 50c.
52. 20 gals do, black interior—Bid 1, $1.49 gal; 36, $1.75.
53. 50 gals do, brown metallic—Bid 1, $1.29 gal; 3, $1; 37, $1.35.
54. 30 gals do, green enamel—Bid 1, $2.09 gal; 3, $1.80; 37, $2.35.
55. 100 lbs paint, black graphite—Bid 1, 11.5c lb.
56. 50 lbs do, chrome green—Bid 1, 21.5c lb; 3, 30c.
57. 5 rms paper, sand, No. 2—Bid 7, $6 rm; 24, $5.524; 31, $5.95.
57. 2 rms do, No. 4—Bid 24, $8.287 rm.
59. 10 gals disinfectant—Bid 2, $1.25 gal, 11, 85c; 14, $1.15.
60. 10 cans carborundum, paste—Bid 9, 35c can, 31, 20c.
61. 1 bbl pitch—Bid 23, $6 bbl, 25, $5.75.
62. 2 plugs, boiler—Bid 13, $1 ea; 16, $1; 25, $1.15; 41, 85c.
63. 120 lbs plumbago—Bid 1, 7c lb.
64. 1,200 ft rope, wire, ⅝ in—Bid 8, 15.2c ft.
65. 350 ft do, 1 in—Bid 8, 34.4c ft; 32, 37.5c.
66. 2 scrapers, flue, 2½ in—Bid 41, 90c ea.
67. 1 screw, ship riggers—Bid 25, $3.-90.
68. 2 shackles, anchor, screw—Bid 25, 59c ea.
69. 40 lbs shellac, orange—Bid 1, 49.-5c lb; 12, 50c; 31, 30c; 46, 44c.
70. 1 spike, marline, 16 in—Bid 25, $1.50.
71. 500 lbs spikes, railroad—Bid 7, 5c lb; 21, 4.5c.
72. 300 lbs steel, angle—Bid 6, 4.5c lb; 7, 4.65c; 21, 4c.
73. 300 lbs steel, mild, flat ¼c4 ins—Bid 6, 4c lb; 7, 4.3c; 21, 3.9c.
74. 50 lbs do, ⅜x2 ins—Bid 6, 4c lb. 7, 4.1c; 21, 3.8c.
75. 200 lbs do, 1x6 ins—Bid 6, 4c lb; 7, 4.1c; 21, 3.8c.
76, 77, and 78. 13,650 lbs plate, steel—Bid 6, 6c lb.
80. 20 ft steel, tool, octagon, ¾ in Bid 6, 11c lb; 7, 12.5c; 9, 18c; 21, 11c 38, 13.5c.
81. 20 ft do, ⅞ in—Bid 6, 11c lb 7, 12.5c; 9, 18c; 21, 11c; 38, 13.5c.
84. 100 lbs tin, block—Bid 5, 44.5c lb. 28, 46c; 35, 50c.
85. 100 lbs twine, cotton, 6-ply—Bid 14, 38c lb; 23, 40c; 25, 38c; 43 38c 46, 41.9c.
88. 200 lbs zinc, pig—Bid 5, 12c lb; 28, 12.5c; 35, 14c.
89. 8,000 ft rope, wire, ¾ in—Bid 8, 20.8c lb; 32, 18.37c;
90. 300 lbs steel, flat, ⅜ in by 4 ins—Bid 6, 4c lb; 7, 4.1c; 21, 3.8c
91. 200 books, blank—Bid 20, $1.18 ea, 46, $1.509 and $1.577.
92. 23 single sets harness—Bid 10, $24.95 single set; 22, $31.75, 47, $30 35, $31.70; 45, $31.31.
93. 100 nozzles, hose, brass, ¾ in Bid 7, $5.40 doz, 40, $5.14, 41, $4.75 44, $4.50 and $5.
94. 144 padlocks, cast bronze, 2 ins Bid 7, $18 doz; 21, $16.80.
95. 100 lbs paint, red lead in oil—Bid 1, 11.5c lb.

Everett, Wash., Post Office.

The contract for furnishing bronze doors for the U. S. post office at Everett, Wash., has been awarded to Henrickson & Co., Inc., 233 Globe Building, Seattle, Wash., at $1,249.50.

La Junta, Colo., Gutter.

[illegible] the proposed project for the construction of concrete [illegible] the Rio Grande at the Fort Lyon Branch Canal and Garfield Canal of the Rio Grande irrigation project, New Mexico, has been rejected, and the construction of the work has been authorized by Government forces. The work involves the excavation of [illegible] cubic yards of material, driving 13,000 linear feet of sheeting, 150 square yards rubble concrete paving, 1,077 cubic yards concrete, 19,700 pounds reinforcing steel, 2,000 cubic yards embankment and backfill, placing 336,000 pounds of structural steel, 77,000 feet of lumber, 514 feet of No. 132 metal flume, and 1,660 linear feet of No. 156 metal flume.

Steel Bridge, Garfield Crossing.

The contract has been awarded to the Wisconsin Bridge & Iron Co., at Milwaukee, Wis., for delivery f. o. b. cars North Milwaukee of material for a steel bridge for the Garfield crossing of the Rio Grande on the Rio Grande Irrigation Project, N. Mex. The total contract price f. o. b. shipping point amounts to $16,700. The bridge will have a total span of 800 feet from end to end, and will carry twin No. 156 metal flumes across the Rio Grande. The award covers only the structural steel for the bridge.

Rio Grande Project, Flume Material.

Contract has been awarded to the R. Hardesty Manufacturing Company of Denver, Colo., for furnishing flume material for the Garfield Crossing, Rio Grande irrigation project, New Mexico. The material to be furnished embraces 1,600 linear feet of No. 156 semi-circular metal flume complete with accessories, 12 expansion joints, and 2 outlet gates. The contract price is $6,-830.79.

Excavation, Etc., San Pedro, Cal.

Bids for excavating for gun and mortar batteries, San Pedro, Cal., were received by the U. S. engineer officer, Los Angeles, February [illegible] as follows:

Item 1, for haul less than 600 ft; 2, total for $11,000 cubic yards; 3, for haul more than 600 feet; 4, total cost for 14,000 cubic yards; 5, total.

A. H. McCoy Co., [illegible] American Bank Bldg., Los Angeles, item 1, 27c; 2, $2,-970; 3, 31c; 4, $4,340; 5, $7,310.

Brashear-Burns Co., [illegible] Brea Boulevards, Los Angeles, Cal., item [illegible] 35c; 2, $3,850; [illegible] 4, $7,880; [illegible] $9,730.

John F. Dodson & C. A. Butterfield, San Pedro, Cal., item [illegible] 39c; 2, $3,590; 3, 42c; 4, $5,880; 5, $9,400.

J. A. Hill, [illegible] Santa [illegible] Avenue, Los Angeles, [illegible] 2, $5,000, 3, 29c, 4, $[illegible] 5, $8,[illegible]

Chas. G. Willis, 327 South Los Angeles street, Los Angeles, Cal., item 1, 29c; 2, $3,190; 3, 42c; 4, $7,070; 5, $9,140

HALLS AND SOCIETY BUILDINGS.

SACRAMENTO, CAL.—Lodge hall, 4 story and base. Class A construction, $300,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Hall Association. Location, 12th and J streets. Bids for the structural steel show Palm Iron Works, Sacramento, low on the steel work at $65,117, and Ross Construction Co., Sacramento, low on the reinforced concrete piles at $6,590. These bids have been referred to the Building Committee and action will be taken at the March meeting when bids on the balance of the work will be called.

COLUSA, COLUSA CO., CAL.—Club house, 1 and 2 story, frame, $20,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa Clampers. Will contain social halls, banquet rooms and offices. Preliminary sketches being prepared.

LINCOLN, PLACER CO., CAL.—Country club, 1 story, frame, $4,000. Architect, Allen D. Fellows, East Auburn. Owners, Mt. Pleasant Country Club. Location, Mt. Pleasant District. Will contain social rooms, dining room and kitchen. Plans are being prepared and work will be done by Day Labor.

HOLLYWOOD LOS ANGELES CO., CAL.—Lodge hall, 2 story and base, brick, $40,000. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owners, Hollywood Masonic Temple Association. Location, 1735 North Highland avenue, covering an area of 50 by 150 feet. Plans complete and figures being taken.

PORTLAND, ORE.—Lodge hall and stores, 3 story and base, brick, $40,000. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Moose Lodge. Location, 4th and Taylor Sts., covering an area of 68 by 100 feet. Will contain stores on the first floor and lodge rooms above. Plans complete and figures being taken.

BEND, ORE.—Lodge hall, 2 story and base, brick, $25,000. Architect, E. H. Keane, Bend. Owners, Masonic Temple Association. Will cover an area of 50 by 140 feet. Plans are being prepared.

HOSPITALS

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Hospital, 3 story and base, frame and plaster, $35,000. Architect Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owner, Dr. Dolly. Will cover an area of 53 by 90 feet and contain private rooms and wards. Plans are nearly complete and figures will be taken shortly.

NAPA, NAPA CO., CAL.—Hospital cottages, 2, 2 story, reinforced concrete, $55,000. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Working drawings will not be made until an emergency appropriation has been made. Further mention will be made.

HOTELS.

EUREKA, HUMBOLDT CO., CAL.—Hotel annex, 2 story, frame. Cost not stated. Architect, Newton Ackerman, Eureka. Owners, Fior D' Italia Hotel Co. Location, Second street covering an area of 30 by 110 feet. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Mrs. A. Rothenbush. Location, northwest Eldorado and Channel Sts., covering an area of 36 by 101 feet. Will contain stores on the first floor and a number of single rooms above. Plans are being prepared.

Contract Awarded.

BENICIA, SOLANO CO., CAL.—Hotel addition, 2 story, frame, $10,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Dr. H. C. White. Contractor, William Sampson, 3502 Grove street, Oakland. Contract price, $10,000.

IRRIGATION PROJECTS.

Contract Awarded.

PORTERVILLE, TULARE CO., CAL.—Laying pipe. Cost not stated. Engineer, Stephen A. Kieffer, Mechanics' Institute Bldg., S. F. Owners, Lindsay-Strathmore Irrigation District. Contractor, J. A. Ulmer, Porterville. Laying 100 miles of steel pipe. Contract price not stated.

LIBRARIES.

PASADENA, LOS ANGELES CO., CAL.—Library, 3 story and base, brick and concrete, $250,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, City of Pasadena. Location, Library Park, covering an area of 115 by 175 feet. Preliminary plans only have been prepared.

POWER PLANTS.

CROCKETT, CONTRA COSTA CO., CAL.—Power plant, 1 story and base, steel and reinforced concrete, $100,000. Engineer, P. W. Ham, 14 Sansome St., S. F. Owners, Great Western Power Co. Will cover an area of 60 by 120 feet. Plans are being prepared.

FALLON, NEVADA—Hydro-electric plant. Cost not stated. Engineer's name not given. Owners, Nevada Valleys Power Co. The Nevada Valleys Power Co, Fallon, has plans completed for the construction of a hydro-electric plant which will be erected at Vista, Nevada, on the Truckee River, as soon as the snow goes off. Plans show a one-story, reinforced concrete building and equipment for generating 2,400 horsepower.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO—Municipal railroad extension. Cost not stated. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Bids will be opened on March 14th for constructing the extension of the Municipal railroad from Van Ness avenue and Market street to 16th and Church streets.

LAMOINE, SHASTA CO., CAL.—Lumber road. Cost not stated. Engineer, none. Owners, Lamoine Lumber and Trading Co., Lamoine. The Lamoine Lumber and Trading Co. will build 8 miles of narrow gauge railroad this season to open up a new belt of timber. The railroad will parallel the Delta-Trinity Center Toll road a good part of the way. Old railroad tracks will be taken up and laid anew.

KLAMATH FALLS, ORE.—Railroad construction. Cost not stated. Engineer's name not given. Owners, Klamath Falls. Bonds amounting to $300,000 have been sold by the city of Klamath Falls, the proceeds of which will be used in the construction of the city's share—17 miles—of the proposed Strahorn project which will connect Klamath Falls with towns to the south.

Contract Awarded.

PORTLAND, ORE.—Tunnel lining, $75,000 and $35,000. Engineer's name not given. Owners, Spokane-Portland and Seattle Railroad Co., and Spokane Inland Empire Railroad Ca. Contractors, Porter Bros., Portland. Contract prices, $75,000 and $35,000.

RESIDENCES.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, $3,500 each. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner, C. E. Doty, 443 Georgia street, Vallejo. Location, 24th avenue and Cabrillo. Each house will contain seven rooms, bath, conservatory and basement garage. Plans complete and owner taking subfigures.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, $2,500. Architect, none. Owners, F. Nelson & Sons, 2701 Lincoln Way, S. F. Location, east Hill north Parnassus. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 2, 1 story and base, frame $2,000 each. Architect, none. Owner, Thomas Hamill, 4109 Balboa street, S. F. Location, east 42nd avenue south Balboa. Each house will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $4,500. Architect, none. Owners, Walter T. and Rowna Steilberg, 2623A Parker street, Berkeley. Location, south Panoramic Way east Canyon road. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 5, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, San Pablo avenue and Channing Way. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 10, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, northeast Arkansas and Curran. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $3,000. Architect, none. Owners, Mason-McDuffie Co., Shattuck and Addison streets, Berkeley. Location, east Fresno north Marin. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owner, Martha E. Lodge, 611 Cleveland avenue, Oakland. Location, north Bond street west Cole. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,350. Architect, none. Owner, F. G. Harford, 2205 Santa Clara avenue, Oakland. Location, east Midvale avenue south Kansas. Will contain six rooms, bath and sleeping porch. Separate garage. Plans

complete and work to be done by Day Labor.

OAKLAND, CAL. Residence, 2 story and base, frame, $6,000. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owner's name not given. Location, Thousand Oaks Park. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, J. Lindquist, 2153 Santa Clara avenue, Alameda. Location, west 87th avenue east Plymouth. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $4,000. Architect, none. Owner, Alfred Peterson, 565 16th street, Oakland. Location, Lindwood avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BENICIA, SOLANO CO., CAL.—Residence, 1½ story and base, frame, $4,000. Architect, Chester Miller, First Trust Bldg., Oakland. Owner, Mr. Mann. Location, Benicia. Will contain seven rooms, bath and sleeping porch. Plans revised and new figures being taken.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Jasper Hart, 910 R street, Fresno. Location, Arlington Heights. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

EUREKA, HUMBOLDT CO., CAL.—Residences, 2, 1 story and base, frame. Cost not stated. Architect, Newton Ackerman, Eureka. Owner, Dr. T. B. Callaghan. Each house will contain five rooms, bath and sleeping porch. Plans are being prepared.

SAN FRANCISCO—Residence alterations, 2 story, frame, $1,120. Architect, none. Owner, H. W. Arnold, 4020 19th street, S. F. Location, lot 25, Presidio Terrace. Work will include carpentry, plastering, plumbing and electric work. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $2,000. Architect, none. Owner, Victor Holmgren, 1206 Naples street, S. F. Location, northeast Naples and Madrin. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none.. Owner, C. J. Pfrang, 5487 Claremont avenue, Oakland. Location, north Taft avenue east Broadway. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 6, 1 story and base, frame, $2,250 each. Architect, Noble Newsom, Nevada Bank Bldg., S. F. Owner, Noble Newsom. Location, Thousand Oaks Park. Each dwelling will contain six rooms, bath and sleeping porch. Separate garages. Plans complete and owner taking subfigures.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 1 and 2 story and base, frame and concrete, $50,000. Architect, Louis C. Mulgardt, Chronicle Bldg., S. F. Owner, Ansel Easton. Location, Mt. Diablo Park. Will contain fifteen rooms, five baths and sleeping porches. Separate garage and other out buildings. Plans complete and figures being taken.

SACRAMENTO, CAL.—Residences, 3, 1 story and base, frame, $3,000 each. Architect, none. Owner, W. D. McKoy, 3029 E street, Sacramento. Location 31st street and 4th avenue. Each house will contain six rooms, bath and sleeping porch. Separate garages. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $5,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Anderson. Location, Forest Hill. Will contain seven rooms, bath and basement garage. Plans complete and figores being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Alfred J. Hopper, 1769 Pleasant Valley avenue, Oakland. Location, west 41st avenue north East 16th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, W. L. Broderick, 1201 Colusa avenue, Berkeley. Owner, J. S. Hanson. Location, Joseph street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $4,500. Architect, W. L. Broderick, 1201 Colusa avenue, Berkeley. Owner, Herbert F. Kern. Location, north Shattuck avenue near Indian Rock. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

Contract Awarded.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile, $40,000. Architect, none. Owner, Simon J. Murphy, Jr. Contractors, Grable & Austin, 17 South Raymond avenue, Pasadena. Contract price, $40,000.

SCHOOLS.

MERCED, MERCED CO., CAL.—High school group, 1 and 2 story, brick or hollow tile. Cost not stated. Architects, Allison & Allison, Hibernia Bldg., Los Angeles. Owners, Merced Union High School District. Plans are complete and bids will be opened on March 17th at 2 p. m. Bids are to be submitted as follows: For furnishing all labor and material for erecting and completing new high school building. Bids will be received for the different parts of the work as follows: For general contract work as per bid No. 1, bid No. 2, and bid No. 3, with alternate bids A, B, C, D, E, F, G, and H (see specifications). For plumbing, gas fitting and sewering as per bid No. 1, with alternate bids A and B (see specifications). For heating and ventilating as per bid No. 1, with alternate bids A and B (see specifications). For program clock and bell system as per bid No. 1, with alternate bid A.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base. Class C construction. Cost not stated. Architect, Orville L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Bids will be opened on March 15th for a building containing several class

[illegible] tect.

[illegible] Architects, Thomas D. [illegible] Bakersfield. Owners, City of Bakersfield. Bids will be opened on March 20th for a four class room building with auditorium and kindergarten. Plans can be secured from the architect.

TURLOCK, STANISLAUS CO., CAL.—School, 1 and 2 story and base, brick, hollow tile or concrete, $65,000. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owners, City of Turlock. The building will contain 24 class rooms and an auditorium. Preliminary plans have been approved. Further mention will be made of the work.

COLUSA, COLUSA CO., CAL.—School, 2 story and base, brick and concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa School District. Will contain sixteen class rooms, auditorium and offices. Plans complete and figures to be opened on March 21st at 2 p. m. Separate bids being taken for general construction, plumbing, heating and ventilating, roofing, program clocks, vacuum cleaning, window shades and cork flooring.

AUBURN, PLACER CO., CAL.—School gymnasium, 3 story, frame, $15,000. Architect, Allen D. Fellows, East Auburn. Owners, Placer County High School. Will contain separate gymnasiums for girls and boys. Plans include steam heat. Plans are being prepared.

SANTA BARBARA, SANTA BARBARA CO., CAL.—School group, 1 and 2 story and base, fireproof, $250,000. Architect, John J. Donovan, Dalziel Bldg., Oakland. Owners, City of Santa Barbara. Only preliminary studies have been made of this work and a description cannot be given at this time. Further mention will be made of the work.

SEATTLE, WASH.—School addition, 4 story and base, brick, $80,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. This addition will be made to the Latona Grade School and will contain twelve class rooms and an assembly hall. Plans are being prepared.

PORTLAND, ORE.—School, 2 story and base, reinforced concrete, $60,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. Will be known as the Hoffman School and contain six class rooms, assembly hall, two play rooms and offices. Plans complete and figures being taken.

Contract Awarded.

SAN FRANCISCO—School, 2 story and base, brick, frame and hollow tile. Cost not stated. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, City and County of San Francisco. Contractors, general construction, Elmer Carlson, 209 Prospect St., S. F., $84,355; brick and hollow tile, A. W. Lawson, 185 Stevenson street, $10,889; heating and ventilating, J. E. O'Mara, 445 Minna street, $7,988. A complete list of these bids will be found under the heading of Bids Opened.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN LEANDRO, ALAMEDA CO., CAL. Street electrolier system. Cost not stated. Engineer, City Engineer, San Leandro. Owners, City of San Leandro. No bids were received by the City Trustees at their last meeting for the installation of the proposed new electrolier lighting system to be constructed along East 14th and Washington streets, this being the business section of the city. Since the opening of bids it is said that contractors had to purchase the marbelite poles f. o. b. Los Angeles, and that they did not care to take the chance of being forced to be responsible for breakage or damaged poles upon their arrival in San Leandro.

REDWOOD CITY, SAN MATEO CO., CAL. Sewer construction. Cost not stated. Engineer, City Engineer, Redwood City. Owners, Redwood City. At the last meeting of the City Trustees, City Engineer Emmitt presented a report to the Trustees recommending the extension of the present sewer in Lincoln avenue to Fulton street and the lowering of the grade of the sewer in Fulton street to meet the proposed extension. After a discussion of the needs of that section of the city the report was approved and in addition it was decided to install sewers in Evans and Hudson streets, from Vera to Roosevelt avenue. With this end in view, City Attorney Mansfield was instructed to prepare the necessary preliminary proceedings for the construction by public contract of an 8-inch sewer in Lincoln avenue and 6-inch sewers in Evans and Hudson streets, between Vera and Roosevelt avenues.

FRESNO, FRESNO CO., CAL.—Grade crossings. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. The Railroad Commission has authorized Fresno County to build a public highway crossing 80 feet wide at grade over the tracks of the Southern Pacific Railway Company midway between the present crossing at Herndon and the present crossing about three miles southeast of Herndon. The crossing authorized is in connection with an 80-foot boulevard to be extended from Westacres along the Herndon lands to Bullard on the Santa Fe and on to Clovis, connecting with Van Ness avenue leading to Fresno.

TURLOCK, STANISLAUS CO., CAL.—Street paving, etc. Cost not stated. Engineer, City Engineer, Turlock. Owners, City of Turlock. The Trustees have instructed City Engineer Luyster to prepare plans and specifications for concrete paving and curbing on North First street, also for the improvement of the Geer road from North Front street to North Center street, and from the easterly line of Center to the city limits, with concrete paving 16 feet in width down the center of the street. The specifications used by the county on the proposed extension of Geer road are to be used in this work.

AUBURN, PLACER CO., CAL. — Street paving, etc. Cost not stated. Engineer, City Engineer, Auburn. Owners, City of Auburn. The City Trustees have passed a resolution of intention to do the following street work in Auburn: That portions of Railroad avenue, High street, Broad street, East street, Main street, Nevada street, Court street and Commercial street be improved by grading, paving with a 5-inch cement concrete base and a 3-inch asphaltic oil wearing surface, corrugated iron culverts, concrete catchbasins and cement concrete curbs, etc., be constructed. Bids will be called for shortly.

REDDING, SHASTA CO., CAL. — Street paving. Cost not stated. Engineer, City Engineer, Redding. Owners, City of Redding. The City Trustees are planning to build an asphalt strip 20 feet wide to connect with the State highway at the north and south approaches to the city.

RIVERSIDE, RIVERSIDE CO., CAL. —Highway construction. Cost not stated. Engineer, County Surveyor, Riverside. Owners, Riverside County. The County Supervisors have adopted plans and specifications for the Coral Reef Permanent Road Division and bids have been ordered received up to March 14th. Plans and further information may be had from the County Clerk.

SANTA ROSA, SONOMA CO., CAL.—Lighting system. Cost not stated. Engineer, City Engineer, Santa Rosa. Owners, City of San Rosa. Acting upon the recommendation of D'Arcy Ryan, lighting expert, the City Council has instructed the City Engineer to prepare the necessary plans for an electrolier lighting system to be constructed under Ryan's recommendations. The system will be installed in the following streets: Main, Santa Rosa avenue, Mendocino avenue and Fifth street. Bids for the work will probably be called by the Council at its next meeting when plans will be presented for approval.

SEATTLE, WASH.—Highway improvements. Cost as follows. Engineer, City Engineer, Seattle. Owners, City of Seattle. Erickson, Anderson & Kicker, 1002 North Ainsworth avenue, Tacoma, Wash., submitted the lowest bid to the County Commissioners for the paving with one-course concrete on Permanent Highway No. 15, their bid being $24,918.36. It is probable that they will be awarded the contract.

MARYSVILLE, YUBA CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Marysville. Owners, City of Marysville. On the ground that the prices demanded for paving work in the last district to be laid out by the City Council were excessive, all bids received at its last meeting will be rejected. The lowest bidder for the work was the Federal Construction Co.

BAKERSFIELD, KERN CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids will be opened on March 12th for street improvements authorized under the following resolution: That the alley through block 423D be graded and subbase tamped, and that asphalt concrete pavement with sheet asphalt wearing surface, cement concrete curbs and gutters be constructed.

SEATTLE, WASH.—Highway construction. Cost as follows. Engineer, County Surveyor, Seattle. Owners, King County. Bids opened by the King County Commissioners for the paving of Permanent Highway No. 3-D, between Duwamish and Renton Junction, show the Washington Paving Co., Smith Bldg., Seattle, low bidders on all of the nine propositions up for consideration. As the bids were taken on several propositions it is not possible to give the contract price. The cost will be between $65,000 and $128,000, according to character of material selected.

Contract Awarded.

SAN FRANCISCO—Street improvements. Cost as follows. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works as follows: The improvement of 42nd avenue, from Irving street to Judah street, by grading; the construction of artificial stone sidewalks 6 feet wide; concrete curbs; two brick catchbasins with 10-inch, vitrified, salt-glazed, pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphalt wearing surface on the roadway thereof. Awarded to the Federal Construction Co., Sharon Bldg., S. F. for $5,858.30.

The improvement of 33rd avenue, from Geary street to Anza street, by the construction of artificial stone sidewalks, 6 feet wide in the middle of the sidewalk areas; concrete curbs; a basalt block header pavement on a concrete foundation on both sides of each rail of the Municipal Railway, said basalt blocks to be furnished by the city; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphalt wearing surface on the remainder of the roadway thereof. Awarded to Peter McHugh, 3908 Clay street, S. F., for $5,184.

The improvement of Granada avenue, between Holloway avenue and Grafton avenue, by grading; by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Blanchard-Brown, 660 Market street, S. F., for $5,167.25.

The improvement of 42nd avenue, between Lincoln Way and Irving street, by the construction of concrete curbs; four brick catchbasins with 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to the Federal Construction Co., S. F., for $5,104.

The improvement of Edinburgh St., between Avalon and Peru avenues, by the construction of concrete curbs and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to J. F. Dowling, Russ Bldg., S. F., for $733.87.

The improvement of Grafton avenue, between Faxon avenue and Miramar avenue, by grading; by the construction of concrete curbs and of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphalt wearing surface on the roadway thereof. Awarded to Peter McHugh, for $3,381.39.

The improvement of Holloway avenue, between Jules avenue and Ashton avenue, by grading; the construction of concrete curbs; artificial stone sidewalks, brick catchbasins with 10-inch vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Peter McHugh, S. F., for $2,272.95.

The improvement of Granada avenue, between Grafton and Lakeview avenues, by the construction of concrete curbs a 7-foot strip of vitrified, brick pavement adjacent to the center line and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphalt wearing surface on the remainder of the roadway thereof. Awarded to the Raisch Improvement Co., 1108 Crocker Bldg., S. F., for $1,-955.

The improvement of 32rd avenue, between Anza street and Balboa street, by the construction of concrete curbs; artificial stone sidewalks, brick catchbasins, with 10-inch, vitrified, salt-glazed, ironstone pipe culverts, basalt block header pavement on concrete foundation on both sides of each rail of the Municipal Railroad, said basalt blocks to be furnished by the city, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the remainder of the roadways thereof. Awarded to Owen McHugh, Russ Bldg., S. F., for $7,228.25.

The improvement of Jules avenue, between De Montford avenue and Holloway avenue, by grading; the construction of concrete curbs; artificial stone sidewalks, brick catchbasins with 10-inch, vitrified, salt-glazed, ironstone pipe culverts, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to D. L. Bienfield, Phelan Bldg., S. F., for $1,252.

The improvement of Judah street, from 41st avenue to 43rd avenue, by grading; construction of artificial stone sidewalks; concrete curbs; three brick catchbasins, with 10-inch, vtrified, salt-glazed, ironstone pipe culverts; the following vitrified, salt-glazed, ironstone pipe sewers and appurtenances: 8, 12, 15 and 18-inch, with four brick manholes, 36 Y branches, and two side sewers; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway hstereof. Awarded to A. E. Buckman, 352 Geary street, S. F., for $14,-843.29.

The improvement of the east side of Polk street, between Union and Filbert streets, by the construction of artificial stone sidewalks. Awarded to G. M. Biggs for $114.37.

The improvement of the west half of Gough street, between Grove and Fulton streets by the construction of artificial stone sidewalks. Awarded to Owen McHugh, S. F., for $56.00.

The improvement of the north half of Grove street, between Franklin and Gough streets, by the construction of artificial stone sidewalks. Awarded to Owen McHugh, S. F., for $159.25.

The improvement of the south half of 14th street, between Minna and Natoma streets, by the construction of artificial stone sidewalks. Awarded to G. M. Biggs for $61.54.

The improvement of the south half of Geary street, between Hyde and Larkin streets, by the construction of artificial stone sidewalks. Awarded to P. O'Donnell, 4110½ 25th street, S. F., for $195.72.

The improvement of the south half of Clifford street, between Ashbury street and Upper Terrace, by the construction of a 9-foot central strip of artificial stone sidewalk on the sidewalk area. Awarded to Owen McHugh for $135.

The improvement of the south half of O'Farrell street, by the construction of artificial stone sidewalks between lines respectively distant 162 feet 6 inches and 192 feet 6 inches west from Larkin street. Awarded to Owen McHugh, S. F., for $60.90.

The improvement of Stockton street, between Francisco and Bay streets, by the construction of artificial stone sidewalks of the full official width, where not already constructed at least 6 feet wide. Awarded to P. McDonnell for $351.25.

The improvement of Lee avenue, between Holloway avenue and Grafton avenue, where not already improved, by the construction of concrete curbs and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to C. B. Eaton for $850.

The improvement of Belvedere street, between 17th street and south line of Rivoli street, produced, of the crossing of 17th street and Belvedere, and of 17th street between Belvedere and Clayton streets, by the construction of artificial stone sidewalks. Awarded to Owen McHugh for $544.20.

The improvement of Gladys street, between Appleton avenue and Santa Marina street, by the construction of concrete curbs; artificial stone sidewalks, a 7-foot of basalt block pavement on concrete with gravel filler adjacent to the center line, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy, 404 First National Bank Bldg., S. F., for $1,680.

SACRAMENTO, CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. The City Commissioners have awarded contracts for street and sewer work to F. E. Frey, 2526 Q street, Sacramento, as follows:

That 38th street, from I street to J street, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer from the north line of J street to the center line of 1 street; constructing one concrete manhole; placing 18 6-inch, vitrified, Ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, and backfilling the trench.

That the alley first south of Park avenue in J. Landers Addition "C," etc., be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; four concrete manholes; placing 62 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer; placing one 6-inch, vitrified, ironstone flusher branch complete, and backfilling the trenches.

That the easement granted to the city of Sacramento for the purpose of constructing therein a sewer in block 3, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8-inch, vitrified, ironstone pipe sewers, 2 concrete manholes, one 6-inch, vitrified, ironstone flusher branch; placing 13 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer; placing 6-inch, vitrified, ironstone Y branches on 6-inch pipe sewer, and backfilling the trenches.

That the alley between Alley [illegible] and I street, in the City of Sacramento, be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the center line of the alley on the west side of Lot No. 17 in T Street Addition to a point two feet west from the west line of 34th street, constructing two concrete manholes complete with cast iron curbs and covers, placing 28 6-inch, vitrified, Ironstone Y branches on 8-inch sewer, and backfilling the trench.

That Terrace avenue, from 22nd avenue, and the alley west of Terrace avenue, in Bonita Terrace, be improved by excavating a trench and constructing therein an 8-inch, vitrified, Ironstone pipe sewer; three concrete manholes, one 6-inch, vitrified, Ironstone flusher branch complete; placing 38 6-inch, vitrified, Ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the alley between Sylvan Way and Channing Way, in Wright & Kimbrough Subdivision No. 20, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; one concrete manhole; one 6-inch, vitrified, ironstone flusher branch complete; placing 32 6-inch, vitrified, Ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the easement granted to the city of Sacramento for the purpose of constructing therein sewers in block 4, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8-inch, vitrified, ironstone pipe sewers; two concrete manholes; 11 6-inch, vitfied, ironstone Y branches on 6-inch, vitrified, ironstone pipe sewer; placing two 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, backfilling the trench.

That the alley between Sylvan Way and Bancroft Way, in Wright & Kimbrough Subdivision No. 19, be improved by constructing therein an 8-inch, vitrified pipe sewer; one concrete manhole complete with cast iron curb and cover; one 6-inch, vitrified, ironstone flusher branch complete; placing 29 6-inch, vitrified, Ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

MARYSVILLE, YUBA CO., CAL.—Street paving. Cost as follows. Engineer, City Engineer, Marysville. Owners, City of Marysville. Four bids were received by the City Council for the paving work to be undertaken by the city. Bids were received from the Federal Construction Co., Sharon Bldg., S. F., who were awarded the contract; and from Tiechert & Ambrose, Sacramento; McGillavary Construction Co., Sacramento, and Clark & Henery Co., Sacramento. The bid of the Federal

RIVERSIDE, RIVERSIDE CO., CAL.—Street paving, etc., $10,377.41. Engineer, City Engineer, Riverside. Owners, City of Riverside. Contractors, Johnson-Shea Co., Riverside. Contract price, $10,377.41.

STORES AND OFFICES.

SAN FRANCISCO—Offices [illegible] and base. Class A construction. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners Pope Estate [illegible] west Montgomery north Pine, covering [illegible] by [illegible] feet. Will contain [illegible] number of offices and the San

Francisco Mining Exchange. Plans complete and figures being taken.

SAN FRANCISCO—Offices, 2 story and base. Class C construction. Cost not stated. Architects, O'Brien Bros., 240 Montgomery street. Owner's name withheld. Location, Clay and Drumm streets, covering an area of 25 by 68½ feet. Will contain offices. Plans complete and figures being taken.

SAN FRANCISCO—Store and lofts, 6 story and base, reinforced concrete. Cost not stated. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, M. Meyerfield, leased to Livingston Bros. Location, north Geary street east Grant avenue. The present department store occupied by Livingston Bros. will also undergo extensive alterations. Plans are being figured.

SAN FRANCISCO—Undertaking parlor, 2 story and base, frame, $10,000. Architect, Carl Geilfuss, 46 Kearny St., S. F. Owner's name not given. Location, 16th and Howard streets. Will contain living apartment besides the undertaking establishment. Plans complete and figures being taken.

REDWOOD CITY, SAN MATEO CO., CAL.—Office, 1 story and base. Class C construction. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. Will contain the company's offices. Plans being prepared.

SANTA ROSA, SONOMA CO., CAL.—Undertaking parlor, 1 story, frame and plaster. Cost not stated. Architect, none. Owner, Welti Bros. Location, 4th and E streets. Plans complete and work to be done by Day Labor.

LATHROP, SAN JOAQUIN CO., CAL.—Stores and apartments, 2 story and base, concrete, $6,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, C. A. Miller. Will contain stores and a garage on the first floor and a number of living apartments above. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Market, 1 story and base, brick, $65,000. Architects, Coates & Traver, Rowell Bldg., Fresno. Owner, Louis Gundelfinger. Location, Van Ness avenue, covering an area of 100 by 150 feet. Plans are being prepared.

OAKDALE, STANISLAUS CO., CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, none. Owners, Rodden Bros., leased to S. Axebrod & Sons. Location, F and Third avenue, covering an area of 50 by 90 feet. Plans complete and work to be done by Day Labor.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1126 — Proposals for Galvanized Steel, Steel Plates, Malleable Iron Castings, Drawbar Springs, Driving Wheel Centers, Ferro-Titanium, Wire, Grommets, Hammers, Axes, Saw Blades, Files, Twist Drills Dies, Gear Cutters, Ratchet Braces, Door and Window Hardware, Belt-Driven Sander, Street Lighting Units, Valves, Watthour Meters, Water Coolers, Ice Cream Freezers, Stock Pots, Mess Kit Cuts Soup Plates, Saddles, Life Preservers, Oars, Rubber Belting, Hose, Cotton Waste, Roofing Paper, Calcium Chloride, Silica Wash, Flour and Millwork.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. March 14, 1917,** at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and information relating to this circular (No. 1126) may be obtained from this office or the offices of the assistant purchasing agent Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the principal cities throughout the United States. EARL L. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR REPAIRS TO DOLPHINS.

REPAIRS TO DOLPHINS—Sealed proposals indorsed "Proposals for Repairs and Additions to Fender Piling and Dolphins" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 19, 1917,** and then and there publicly opened, for repairs and additions to the fender piling and dolphins for the coaling wharf at the naval coal depot, San Diego, Cal. Drawing and specification can be obtained on application to the bureau or to the commandant of the naval station named. F. R. HARRIS, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Sealed proposals indorsed "Proposals for Magazine Buildings, Puget Sound," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 26, 1917,** and then and there publicly opened, for one guardhouse built entirely of wood frame construction, with plastered interior walls and ceilings, and plumbing, heating and lighting system, two filling houses of wood frame construction and having the exterior surfaces covered with galvanized corrugated steel and a brick extension to building No. 18 at the naval magazine, Puget Sound, Wash. Drawings and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. F. R. HARRIS, chief of bureau.

PROPOSALS FOR EXCAVATION.

EXCAVATION—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Fort Laramie, Wyo., until **2 o'clock p. m. March 15, 1917,** and will at that hour be opened, for earthwork and structures on the Fort Laramie Canal, North Platte project, Wyoming, involving the excavation of 2,227,000 cubic yards of material and the placing of 3,200 cubic yards of concrete, 190,000 pounds of steel and 18 gates. The work is near Fort Laramie, Torrington and Lingle, Wyo., and the C. B. & Q. Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Fort Laramie, Wyo. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

Clark County High School, Las Vegas, Nevada.

SEALED PROPOSALS will be received by the undersigned **up to twelve o'clock, noon, March 14th, 1917, for the furnishing of all labor and materials for the construction of a County High School Building to be erected on the High School site at Las Vegas, Nevada,** according to plans and specifications prepared by Wilson & Eager, Architects, American National Bank Bldg., Monrovia, California.

Drawings and specifications are to be had from the Clerk of the County Board of Education, Las Vegas, Nevada, and at the Office of the Architects.

Contractors desiring drawings and specifications will be required to deposit twenty dollars ($20.00) cash, or a certified check for that amount, to guarantee the return of the plans and specifications. In the event that the drawings are retained during the entire period allowed for estimates, and the contractor shall fail to enter a bid for this work, he shall forfeit one-half ten dollars ($10.00) of the deposit.

Blank forms of proposal are attached to specifications and must be used by Contractors in submitting their estimates.

All proposals must be addressed to the Clerk, County Board of Education, Las Vegas, Clark County, Nevada, and the envelopes plainly marked "Proposal for School Building," and must be accompanied by a certified check for five per cent (5%) of the amount of the bid, made payable to the Clerk of the County Board of Education, Clark County, Nevada. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., Feb. 21, 1917. SEALED PROPOSALS, in triplicate, for constructing concrete sidewalks, walks and steps at Presidio of San Francisco, Cal., will be received here **until 11 A. M. March 15, 1917,** and then opened. Further information on application. (*)

NOTICE TO CONTRACTORS.

THE BOARD OF TRUSTEES of the Merced Union High School District, Merced, Merced County, California, will receive sealed proposals **until 2 o'clock P. M., March 17th, 1917, at the High School Building, corner Huffman Ave. and 22nd street, Merced, California,** at which time and place said bids will be opened and read in public, for furnishing all labor and materials for, and erecting and completing new High School Buildings in accordance with plans and specifications prepared therefor by Allison & Allison, Architects, 1405 Hibernian Building, Los Angeles, California.

Bids will be received for the different parts of the work as follows:

For General Contract work as per Bid No. 1, Bid No. 2 and Bid No. 3, with Alternate bids A, B, C, D, E, F, G, and E (see specifications).

For Plumbing, Gas Fitting and Sewering as per Bid No. 1 with Alternate bids A and B (see specifications).

For Heating and Ventilating as per Bid No. 1, with Alternate bids A and B (see specifications).

For Program Clock and Bell System as per Bid No. 1, with Alternate bid A (see specifications).

Cashier's or certified check or bidder's bond for an amount not less than five (5) per cent of amount of bid in each case, drawn payable to Walter H. Robinson, Secretary of the Board of Trustees, Merced Union High School District, must accompany each bid as a guarantee that the bidder, if requested, will within ten (10) days after receiving notice of the acceptance of bid, enter into contract with said Trustees in accordance therewith, and furnish the required bonds. The said check or bond to be forfeited to the said High School District should the bidder fail to execute contract and bonds as above mentioned.

All bids to be made on forms furnished by the Architects.

Plans and specifications for all of the above work may be seen at the office of said Architects. One copy is on file at the office of the County Surveyor in the Court House at Merced, California, for reference and use of local sub-contractors.

A deposit of $25.00 will be required from all contractors receiving plans; said deposit to be refunded to bidders when plans and specifications are returned in good condition.

The said Board of Trustees reserves the right to reject any or all bids, and to waive any informality in any bids received.

By order of the Board of Trustees of the Merced Union High School District, Merced, Merced County, California.

WALTER H. ROBINSON,
Secretary. (*)

CONTRACTOR WHO DEFIED LAW LOSES OUT.

SACRAMENTO, Cal., March 3, 1917.—Superior Judge Peter J. Shields Wednesday denied the injunction asked for by W. D. McKoy, a building contractor, against City Building Inspector W. B. Rohl. Judge Shields' decision is to the effect that Rohl is clothed with full and complete authority under the law to require a building permit to be taken out before permitting a person to erect a building.

McKoy was hired by F. L. Sharp to build a house at Twenty-fifth and W streets, and when McKoy failed to take out the permit, Rohl had him arrested. The case is now pending in the police court.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

RESIDENCES—4, 2 story and base, frame, $3,500 each. San Francisco. Architect, O. R. Thayer, 710 Montgomery street, S. F. Owner, C. E. Doty, 443 Georgia street, Vallejo. Location, 24th avenue and Cabrillo. Each house will contain seven rooms, bath conservatory and basement garage. Plans complete and owner taking sub-figures.

RESIDENCES—4, 2 story and base, frame, $2,500 each. San Francisco. Architect, none. Owners, F. Nelson & Sons, 2701 Lincoln Way, S. F. Location, east Hill north Parnassus. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 1 story and base, frame, $2,000 each. San Francisco. Architect, none. Owner, Thomas Hamill, 4109 Balboa street, S. F. Location, east 42nd avenue south Balboa. Each house will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE ALTERATION—2 story, frame, $1,120. San Francisco. Architect, none. Owner, H. W. Arnold, 1020 19th street, S. F. Location, lot 25, Presidio Terrace. Work will include carpentry, plumbing and electric work. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $2,000. San Francisco. Architect, none. Owner, Victor Holmgren, 1206 Naples street, S. F. Location, northeast Naples and Madrid. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—4 story and base, brick, $25,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, W. W. Yager. Location, north Post west Leavenworth. Will contain 32 rooms which will be arrarnged in two-room suites. Plans complete and a contract for the brick work has been awarded to Paul Messner. Balance of the work will be done by Day Labor.

APARTMENT HOUSE—4 story and base. Class C construction. $50,000. San Francisco. Architect, none. Owner, C. J. Keenan, 730 Webster street, S. F. Location, west Stockton near Post. Details of this building have not been worked out and a further description will be given next week.

APARTMENT HOUSE—3 story and base, frame, $23,000. San Francisco. Architect, none. Owner, M. Dempniak, 1828 Hyde street, S. F. Location, west Pierce south California, covering an area of 30 by 117 feet. Will contain nine modern [illegible] rooms each. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, brick, $50,000. San Francisco. Architect, W. G. Hind, 46 Kearny St., S. F. Owners, Meeker & Collins. Location, west Gough near Sutter, covering an area of 87½ by 87½ feet. Will contain ten apartments each of six rooms and two baths. Plans complete and segregated figures being taken.

STEEL DOORS—Cost not stated. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be opened by the State Board of Harbor Comissioners on March 15th at 11 a. m. for furnishing steel rolling doors for Pier No. 29. Plans and specifications can be secured from the State Board of Harbor Commissioners, Ferry Bldg.

APARTMENT HOUSE—2 story and base, frame, $7,500. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, A. L. O'Brien. Location, east Leavenworth between Post and Sutter. Will contain two large residential apartments. Plans to be revised and new figures taken.

AUTO SALES ROOMS—4 story and base, reinforced concrete, $67,000. San Francisco. Architect, none. Owners, J. H. and D. Neustadter. Engineers, MacDonald & Kahn, Rialto Bldg., S. F. Location, northwest Van Ness avenue and Sacramento street, covering an area of 72½ by 137½ feet. Subfigures are now being taken for brick, plastering, painting, electric, plumbing, heating, elevators, roofing and sheet metal work.

FLATS—2 story and base, frame, $4,000. San Francisco. Architect, none. Owner, Emil Nelson, 430 26th avenue, S. F. Location, west Delmar south Waller, covering an area of 25 by 56 feet. Will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

OFFICES—2 story and base. Class C construction. Cost not stated. San Francisco. Architects, O'Brien Bros., 240 Montgomery street. Owner's name withheld. Location, Clay and Drumm streets, covering an area of 25 by 69½ feet. Will contain offices. Plans complete and figures being taken.

OFFICES—6 story and base. Class A construction. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers Investment Bldg., S. F. Owners, Pope Estate. Location, west Montgomery north Pine, covering an area of 68½ by 136½ feet. Will contain a number of offices and the San Francisco Mining Exchange. Plans complete and figures being taken.

STORE AND LOFTS—6 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, G. Albert Lansburgh, 709 Mission street, S. F. Owner, M. Meyerfield, leased to Livingston Bros. Location, north Geary street east Grant avenue. The present department store occupied by Livingston Bros. will also undergo extensive alterations. Plans are being figured.

UNDERTAKING PARLOR—2 story and base, frame, $10,000. San Francisco. Architect, Carl Geilfuss, 46 Kearny street, S. F. Owner's name not given. Location, 16th and Howard streets. Will contain living apartment besides the undertaking establishment. Plans complete and figures being taken.

RESIDENCE—[illegible] story and base, frame, $5,000. San Francisco. Architects, Edeh & Knoll, Humboldt Bldg., S. F. Owner, Mr. Anderson. Location, Forest Hill. Will contain seven rooms, bath and basement garage. Plans complete and figures being taken.

MUNICIPAL RAILROAD EXTENSION—Cost not stated. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Bids will be opened on March 14th for constructing the extension of the Municipal Railroad from Van Ness avenue and Market street to 16th and Church streets.

APARTMENT HOUSE ALTERATION—3 story and base, frame, $10,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name not given. Location, California street. The present frame flat building will be altered into six modern apartments. Plans are being prepared.

FLATS—3 story and base, frame, $6,500. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. Cadematori. Location, east Taylor south Union. Will contain three flats of three and four rooms. Plans complete and figures being taken.

FLATS—2 story and base, frame, $6,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, San Francisco. Owner, G. B. Delucci. Location, south Union east Taylor. Will contain two flats of five rooms each. Basement garage. Plans complete and figures being taken.

Contract Awarded.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works as follows: The improvement of 42nd avenue, from Irving street to Judah street, by grading; the construction of artificial stone sidewalks 8 feet wide, concrete curbs; 2 brick catchbasins with 10-inch, vitrified, salt-glazed pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The Federal Construction Co., Sharon Bldg., S. F., for $5,858.30.

The improvement of 33rd avenue, from Geary street to Anza street, by the construction of artificial stone sidewalks 6 feet wide in the middle of the sidewalk areas; concrete curbs; a basalt block header pavement on a concrete foundation on both sides of each rail of the Municipal Railway, said basalt blocks to be furnished by the city; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphalt wearing surface on the remainder of the roadway thereof. Awarded to Peter McHugh, 3908 Clay street, S. F., for $5,184.

The improvement of Granada avenue, between Holloway avenue and Grafton avenue, by grading; by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to [illegible] Market street, S. F., for $5,167.25.

The improvement of 42nd avenue, between Lincoln Way and Irving street, by the construction of concrete curbs, four brick catchbasins with 10-inch, vitrified, salt-glazed, ironstone pipe culverts and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The Federal Construction Co., S. F., for $5,104.

The improvement of Edinburgh St., between Avalon and Peru avenues, by the construction of concrete curbs, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to J. F. Dowling, Russ Bldg., S. F., for $733.87.

The improvement of Grafton avenue, between Faxon avenue and Miramar avenue, by grading; by the construction of concrete curbs and of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphalt wearing surface on the roadway thereof. Awarded to Peter McHugh for $3,381.39.

The improvement of Holloway avenue, between Jules avenue and Ashton avenue, by grading; the construction of concrete curbs; artificial stone sidewalks, brick catchbasins with 10-inch, vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Peter McHugh, S. F., for $2,222.98.

The improvement of Granada avenue, between Grafton and Lakeview avenues, by the construction of concrete curbs; a 7-foot strip of vitrified, brick pavement adjacent to the center line and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the remainder of the roadway thereof. Awarded to The Raisch Improvement Co., 1108 Crocker Bldg., S. F., for $1,955.

The improvement of 33rd avenue, between Anza street and Balboa street, by the construction of concrete curbs, artificial stone sidewalks, brick catchbasins with 10-inch, vitrified, salt-glazed, ironstone pipe culverts, basalt block header pavement on a concrete foundation on both sides of each rail of the Municipal Railroad, said basalt blocks to be furnished by the city, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the remainder of the roadways thereof. Awarded to Owen McHugh, Russ Bldg., S. F., for $7,228.25.

The improvement of Jules avenue, between De Montford avenue and Holloway avenue, by grading; the construction of concrete curbs; artificial stone sidewalks, brick catchbasins with 10-inch, vitrified, salt-glazed, ironstone pipe culverts, and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to D. L. Bienfield, Phelan Bldg., S. F. for $1,252.

The improvement of Judah street, from 41st avenue to 43rd avenue, by grading; construction of artificial stone sidewalks; concrete curbs, three brick catchbasins, with 10-inch, vitrified, salt-glazed, ironstone pipe culverts; the following vitrified, salt-glazed ironstone pipe sewers and appurtenances: 8, 12, 15, and 18-inch, with four brick manholes, 36 Y branches, and two side sewers; and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to A. E. Buckman, 353 Geary street, S. F., for 14,843.29.

The improvement of the east side of Polk street, between Union and Filbert streets, by the construction of artificial stone sidewalks. Awarded to C. M. Biggs for $114.37.

The improvement of the west half of Gough street, between Grove and Fulton streets, by the construction of artificial stone sidewalks. Awarded to Owen McHugh, S. F., for $56.00.

The improvement of the north half of Grove street, between Franklin and Gough streets, by the construction of artificial stone sidewalks. Awarded to Owen McHugh, S. F., for $159.25.

The improvement of the south half of 14th street, between Minna and Natoma streets, by the construction of artificial stone sidewalks. Awarded to G. M. Biggs for $61.54.

The improvement of the south half of Geary street, between Hyde and Larkin streets, by the construction of artificial stone sidewalks. Awarded to P. O'Donnell, 4110½ 25th street, S. F., for $195.72.

The improvement of the south half of Clifford street, between Ashbury street and Upper Terrace, by the construction of a 9-foot central strip of artificial stone sidewalk on the sidewalk area. Awarded to Owen McHugh for $135.00.

The improvement of the south half of O'Farrell street by the construction of artificial stone sidewalks, between lines respectively distant 162 feet 6 inches and 192 feet 6 inches west from Larkin street. Awarded to Owen McHugh, S. F., for $60.90.

The improvement of Stockton street, between Francisco and Bay streets, by the construction of artificial stone sidewalks of the full official width, where not already constructed, at least six feet wide. Awarded to P. McDonnell for $351.25.

The improvement of Lee avenue, between Holloway avenue and Grafton avenue, where not already improved by the construction of concrete curbs and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to C. B. Eaton for $850.

The improvement of Belvedere St., between 17th street and south line of Rivoli street, produced, of the crossing of 17th street and Belvedere, and of 17th street, between Belvedere and Clayton streets, by the construction of artificial stone sidewalks. Awarded to Owen McHugh for $544.20.

The improvement of Gladys street, between Appleton avenue and Santa Marina street, by the construction of concrete curbs; artificial stone sidewalks, a 7-foot strip of basalt block pavement on concrete with gravel filler adjacent to the center line, and by the construction of an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy, 404 1st National Bank Bldg., S. F., for $1,680.

SCHOOL—2 story and base, brick, frame and hollow tile. Cost not stated. San Francisco. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, City and County of San Francisco. Contractors, general construction, Elmer Carlson, 209 Prospect street, S. F., $84,355; brick and hollow tiel, A. W. Lawson, 185 Stevenson St., $10,889; heating and ventilating, J. E. O'Mara, 445 Minna street, $7,986. A complete list of these bids will be found under the heading of Bids Opened.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor	Amt.
514	Nelson	Nelson	4700
515	Same	Same	3950
516	Same	Same	5900
517	Wilson	Novelty	500
518	Mobrini	Polati	1000
519	Smith	Coggins	500
520	Slutman	Slutman	650
521	Kirby	Petterson	400
522	Rupprecht	Rupprecht	1500
523	Day	Day	400
524	Ellis	Brumfield	400
525	Ellis	Brumfield	1500
526	Blair	Nichols	1000
527	Stock	Arnold	1120
528	Collonan	Klahn	3193
529	Wheeler	Palmer	39500
530	Perpoli	Sobri	4100
531	Lund	Bay City Hdwd	4250
532	Hamill	Hamill	2000
533	Same	Same	2000
534	Sheldon	Del Favers	4450
535	Bothin	Hatch	450
536	Garibotto	Garibotto	800
537	Getz	Nelson	400
538	Nelson	Nelson	2500
539	Same	Same	2500
540	Same	Same	2500
541	Same	Same	2500
542	S P Co	W'n Motor	1520
543	Zimmermann	Houle	3400
544	——	Messner	4350
545	Bradley	W'n Bldrs	1161
546	Klopstock	Malloch	4870
547	Cantley	McIntosh	13250
548	Forest Hill Rlty	Leigh	15764
549	Schwartz	Bonaccorso	3406
550	Davis	Carson	3500
551	Webster	Lamburth	2970
552	Cushman	Duncan	8650
553	Holmgren	Holmgren	2000
554	Parmelee	Haugerud	450
555	Portola	Novelty	400
556	McDermott	Heaphy	600
557	Moran	Art Cabinet	400
558	Bamman	Nagel	400
559	Brown	Brown	500
560	La Caver	Guisti	500
561	Millberry	Johnson	450
562	Dempniak	Dempniak	23000
563	Nelson	Nelson	3900
564	Heskins	Spargo	4469
565	O'Keefs	Reedy	2105
566	Knox	Leigh	2000
567	Same	Same	2000
568	Same	Same	2000
569	Friedman	Hannaberry	400
570	Gt W'n Power	Robinson	400
571	Coyne	Coyne	1000
572	Hmstd Rlty	Grahn	1500
573	Nichols	Reedy	1000
574	Rivara	Owner	1000
575	Heilman	Roberts	800
576	Zellerbach	Kahn	700
577	Y M H A	Barrett	9000
578	Arnott	Arnott	2800
579	Same	Same	2800
580	Same	Same	2800
581	Person	Person	1800
582	Samuelson	Samuelson	1750
583	Klahn	Klahn	2000
584	Langley	Bateman	5887
585	Scharrenberg	Bryant	1956
586	McCreery	Franz	6725
587	Same	Peterson	19500
588	Same	Morehouse	2390
589	Same	Morehouse	2725
590	Same	Morehouse	7150
591	Same	Forderer	1127
592	Same	Cal Art Metal	4178
593	Same	Musto	1700
594	Same	Mangrum	610
595	Same	Sparks	1470
596	Same	Snook	2160
597	Same	Kurtz	4400
598	Same	Otis	2100
599	Same	Joost	485
600	Same	Herman	360
601	Same	Fuller	2050

(Correction in Work)

(424) SE MARKET AND FOURTH. Twenty-one hollow metal doors for theatre building.

Owner.....Market Street Realty Co.

Architect...Alfred H. Jacobs, 110 Sutter, San Francisco.

Contractor..Interior Metal Mfg. Co.

Hearst Bldg., S. F.
Filed Feb. 15, '17. Dated Feb. 9, '17.
On delivery of doors.....$1225
TOTAL COST, $1225
Bond, none. Limit Oct. 1, 1917. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(514) E EIGHTEENTH AVE 25 N Balboa. Two-story and basement frame residence.
Owner.....Nelson Bros., 493 7th Ave., San Francisco.
Architect ...None.
Day's work. COST, $4700

FRAME RESIDENCE
(515) N BALBOA 82-6 E 18th Ave. Two-story and basement frame residence.
Owner.....Nelson Bros., 493 7th Ave., San Francisco.
Architect ...None.
Day's work. COST, $3950

FRAME RESIDENCE
(516) NE BALBOA AND 18TH AVE. Two-story and basement frame residence.
Owner.....Nelson Bros., 493 7th Ave., San Francisco.
Architect ...None.
Day's work. COST $5900

SIGN
(517) NO. 927 MARKET. Electric sign.
Owner.....Val Wilson, Premises.
Architect ...None.
Contractor..Novelty Electric Sign Co., 165 Eddy, San Francisco.
COST, $500

UNDERPIN DWELLING
(518) E FILLMORE 25 N Jackson. Underpin dwelling.
Owner.....E. Mobrini, Premises.
Architect ...None.
Contractor..G. Polati, 2229 Union, San Francisco.
COST, $1000

ALTERATIONS
(519) NO. 2286 JACKSON. Install skylights and make other changes in dwelling.
Owner.....Smith Hoag Co., Carmen Johnson Bldg., California & Sansome, S. F.
Architect ...None.
Contractor..L. M. Coggins, 115 Turk, San Francisco.
COST, $500

ALTERATIONS
(520) NO. 61 CLARA. Alter laundry.
Owner.....Mrs. A. H. Slutman, Prem.
Architect ...None.
Day's work. COST, $650

ALTERATIONS
(521) NO. 515 CASTRO. New front.
Owner.....Mrs. Bella Kirby, 254 Eureka, San Francisco.
Architect ...None.
Contractor..Petterson & Persson, 62 Post, San Francisco.
COST, $400

FRAME RESIDENCE
(522) NE BERLIN 75 NW Burrows. One and one-half-story and basement frame residence.
Owner.....Vivian Hinckley Ruppreht, Premises.
Architect ...None.
Day's work. COST, $1500

CUPOLA
(523) NO. 725 MISSION. Install iron cupola.
Owner.....Thos. Day Co., Premises.
Architect ...None.
Day's work. COST, $400

SIGN
(524) NE ELLIS & MASON. Electric sign.
Owner.....Ellis Street Investment Co., French Bank Bldg., San Francisco.
Architect ...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $400

SIGNS
(525) NE ELLIS & MASON. Three electric signs.
Owner.....Ellis Street Investment Co., French Bank Bldg., San Francisco.
Architect ...None.
Contractor..Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $1500

ALTERATIONS
(526) NW ELLIS AND MASON. Alter store.
Owner.....Jennie M. Blair, Care Mastick & Partridge, 68 Post, San Francisco.
Architect ...None.
Cointractor..H. D. Nichols, 151 Sutter San Francisco.
COST, $1000

ALTERATIONS
(527) LOT 25 Presidio Terrace. All work except plumbing for alterations and additions to residence.
Owner.....S. M. Stock, 25 Presidio Terrace, San Francisco.
Architect ...None.
Contractor..H. W. Arnold.
Filed Feb. 26, '17. Dated Feb. 24, '17.
1st coat plaster on inside and outside $420
Completed and accepted..... 420
Usual 35 days..... 280
TOTAL COST, $1120
Bond, none.. Limit, 40 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(528) SE RANDALL AND CHENERY E 98 S 28-2 W 107-5 th to beg. All work exceut electric wiring and fixtures for alterations and additions to one-story cottage and two-story flat building.
Owner.....M. J. Collonan, 115 Chenery, San Francisco.
Architect ...Otto A. Klahn, 27 Chenery, San Francisco.
Contractor..A. Klahn & Son, 27 Chenery, San Francisco.
Filed Feb. 26, '17. Dated Feb. 24, '17.
Houses moved, raised, foundations in and house movers' screws let down $1193
Brown coated 600
Completed and accepted..... 600
Usual 35 days..... 800
TOTAL COST, $3193
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

CLASS "B" BUILDING
(529) SE FRONT AND PINE E 57-6 xN 87-6. Trenching, excavating, pumping, dampproofing, curbing, sidewalk lights, reinforcing, steel, mesh, concrete chimneys, etc., for seven-story and basement Class "B" building.
Owner.....Kaco Ik Wheeler, 301 Broadway, S. F.
Architect ...O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor..Palmer & Petersen, Monadnock Bldg., S. F.
Filed Feb. 26, '17. Dated Feb. 2., '17.
On 1st of each month . 75%
Usual 35 days . 25%
TOTAL COST $29,750
Bond, $19,750. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(530) W SANCHEZ 25 N 30th. All work except finish hardware, lighting fixtures for two-story and unfinished basement frame building.
Owner.....M. Perpoli, 69 Coleridge, San Francisco.
Architect ...None.
Contractor..A. Sobri, 353 Edinburgh, San Francisco.
Filed Feb. 26, '17. Dated Feb. 19, '17.
Roof sheathing on.....$1025
Enclosed and rough plumbing in and brown coated 1025
Completed and accepted..... 1025
Usual 35 days..... 1025
TOTAL COST, $4100
Bond, none. Limit, 110 days after Mar. 1, 1917. Forfeit, $2. Specifications only filed.

FRAME FLATS
(531) S CLEMENT near 22nd Ave. All work for two-story and basement frame flats.
Owner.....J. A. Lund, 290 Diamond, San Francisco.
Architect ...Chas. F. Strothoff, 2276 15th, San Francisco.
Contractor..Bay City Hardwood Floor Co., 290 Diamond, S. F.
Filed Feb. 26, '17. Dated Feb. 26, '17
Monthly payments of..... 75%
30 days after..... 25%
TOTAL COST, $4250
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(532) E FORTY-SECOND AVE 225 S Balboa. Two-story and basement frame residence.
Owner.....Thos. Hamill, 4109 Balboa, San Francisco.
Architect ...None.
Day's work. COST, $2000

FRAME RESIDENCE
(533) E FORTY-SECOND AVE 250 S Balboa. Two-story and basement frame residence.
Owner.....Thos. Hamill, 4109 Balboa, San Francisco.
Architect ...None.
Day's work. COST, $2000

ALTERATIONS
(534) SE MARKET AND FIRST Cut 11 window openings.
Owner.....Sheldon Estate.
Architect ...None.
Contractor..J. Del Favero, 1839 Mason, San Francisco.
COST, $447

BRICK FOUNDATION
(535) NO. 1413 GREENWICH Brick foundation.
Owner.....Bothin Real Estate Co., Atlas Bldg., S. F.
Architect ...None.
Contractor..H. L. Hatch, 4439 Geary, San Francisco.
COST, $450

FRAME DWELLING
(536) N WALLACE Ave W Keath One story and basement frame dwelling.
Owner.....Tom. Garibotto
Architect ...None.
Day's work. COST, $800

ALTERATIONS
(537) NO 774 COLE Alter for basement garage.
Owner.....Minnie W Goetz Premises.
Architect ...None.
Contractor..E. K. Nelson, 387 San Jose Ave., San Francisco.
COST, $400

FRAME DWELLING
(538) E HILL POINT AVE 55 N Parnassus. Two-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
(539) E HILL POINT AVE 30 N Parnassus. Two-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
(540) E HILL POINT AVE 80 N Parnassus. Two-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
(541) E HILL POINT AVE 105 N Parnassus. Two-story and basement frame dwelling.
Owner.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Architect ...None.
Day's work. COST, $2500

GRADING
(542) S SIDE EVANS AVE from center line Selby street, E for distance of 332 and N side Evans Ave from center line Selby E for distance of 157 feet and put rock 18 in. deep on surface. Grade to official grade.
Owner.....Southern Pacific Co.
Architect ...None.
Contractor..Western Motor Draying Co., 351 Noe, S. F.
Filed Feb. 27, '17. Dated Feb. 5, '17.
Usual 35 days.....$1520
TOTAL COST, $1520
Bond, $800. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(543) E TWENTY-FOURTH AVE 60 S Ulloa S 30xE 120. Concrete, carpentry, labor, plumbing, painting, plastering and all other work for six-room frame residence.
Owner.....William F. C. Zimmermann 72 12th, San Francisco.
Architect ...E. W. Stillwell & Co., Los Angeles, Cal.
Contractor..D. Houle, 660 Market, S. F.
Filed Feb. 27, '17. Dated Feb. 20, '17.
Frame up $856
Brown coated 850
Completed 850
Usual 35 days..... 850
TOTAL COST, $3406
Bond, none. Limit, 100 days from Feb. 20, 1917. Forfeit, none. Plans and specifications filed.

BRICK WORK
(544) N POST 110 W Leavenworth. All brick work for brick building.
Owner.....None given.
Architect ...E. E. Young, 251 Kearny, San Francisco.
Contractor..W. W. Yager.
Sub-Contractor..Paul Messner, 1386 Palou Ave., S. F.
Filed Feb. 28, '17. Dated Feb. 21, '17.
As work progresses..... 75%
30 days after..... 25%
TOTAL COST, $4350
Bond limit, forfeit, plans and specifications, none.

COMPO
(545) S BROADWAY 120 W Scott. Duplicate wood carving compo for residence.
Owner.....F. W. Bradley, Crocker Bldg., San Francisco by Bradley & O'Reilly, Contractors.
Architect ...Chas. P. Weeks, Mutual Bank Bldg., S. F.
Sub-Contractor..Western Builders Supply Co., Inc., 155 New Montgomery, San Francisco.
Filed Feb. 28, '17. Dated Dec. 6, '16.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1161
Bond, limit, forfeit, none. Specifications only filed.

FRAME STORE
(546) E MISSION 120 S 23rd 40 front, 40 rear by 122-6 deep. All work for one-story frame store building.
Owner.....I. D. and F. Klopstock, 3320 18th, San Francisco.
Architect ...Herman Schwartz, 212 Stockton, San Francisco.
Contractor..J. S. Malloch, 110 Jessie, San Francisco.
Filed Feb. 28, '17. Dated Feb. 26, '17.
Roof on $1217.50
2nd coat plaster on..... 1217.50
Completed and accepted..... 1217.50
Usual 35 days..... 1217.50
TOTAL COST, $4870.00
Bond, none. Limit, 45 days from issuance of permit. Forfeit, none Plans and specifications filed.

FRAME APARTMENTS
(547) W LAGUNA 112-6 N Pine N 25 xW 105. All work for two-story and basement frame apartments.
Owner.....James Cantley, 1370 Green, San Francisco.
Architect ...E. E. Young, 251 Kearny, San Francisco.
Contractor..William McIntosh, 975 Clayton, San Francisco.
Filed Feb. 28, '17. Dated Feb. 23, '17.
Frame up $2484.00
Brown coated 2484.00
Standing finish on..... 2484.00
Completed and accepted..... 2484.00
Usual 35 days..... 3312.50
TOTAL COST, $13,250.00
Bond, $6625. Sureties, Wm. Smith and Andrew Jackson. Limit 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLINGS
(548) LOTS 5, 6, 7 AND 8 BLK 34, Forest Hill Extension. All work for five one-story and basement frame dwellings.
Owner.....The Forest Hill Realty Co.
Architect ...Heiman & Schwartz, Nevada Bank Bldg., S. F.
Contractor..Leigh & Schultz, 419 21st Ave., San Francisco.
Filed Feb. 28, '17. Dated Feb. 28, '17.
Roof on $3941
Brown coated 3941
Completed and accepted..... 3941
Usual 35 days..... 3941
TOTAL COST, $15,764
Bond, none. Limit, 90 days from issuance of permit. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(549) N ARMY 25 W Florida N 64 m or 1 W 25 S 61.20 m or 1 E 25 m or 1. All work for two-story and rough basement frame flats.
Owner.....Moris Schwartz, 773 Market, San Francisco.
Architect ...M. J. Welsh, 915 Treat Ave., San Francisco.
Contractor..Frank Bonaccorso, 70 Manchester, San Francisco.
Filed Mar. 1, '17. Dated Feb. 26, '17.
Frame up $851.50
Brown coated 851.50
Completed 851.50
Usual 35 days..... 851.50
TOTAL COST, $3406.00
Bond, $1703. Sureties, Frank Amatoro and Giuseppe Bonoccio. Limit, 120 days after March 5. Forfeit, $2. Plans and specifications filed.

FRAME RESIDENCE
(550) E TWENTY-SEVENTH AVE 100 N Lake N 25xE 120. All work for two-story frame residence.
Owner.....Mrs. Alma T. Davis and Thos. H. Davis, 354 Clement, San Francisco.
Architect ..Cleeve Carson & Son.
Contractor..Cleeve Carson & Son, 219 32nd Ave., S. F.
Filed Mar. 1, '17. Dated Feb. 28, '17.
4 equal payments as follows:
Frame up .....
Plastered .....
Finished .....
Usual 35 days.....
TOTAL COST, $3500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

CLASS "C" BUILDING
(551) SE DRUMM AND CLAY S 59-9x E 25. Piling, pumping, cutting, excavating and bulkheading for two-story and basement Class "C" bldg.
Owner.....George A. Webster, 233 Drumm, San Francisco.
Architect ..O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor..C. E. Lamburth, 118 Capp, San Francisco.
Filed Mar. 1, '17. Dated Feb. 28, '17.
Excavating completed $742.50
½ piling completed..... 742.50
Completed and accepted..... 742.50
Usual 35 days..... 742.50
TOTAL COST, $2970.00
Bond, $1485. Surety, New Amsterdam Casualty Co. Limit, 20 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(552) S CHESTNUT 80 E Leavenworth — 49-6 S 137-6 W 49-6 N 137-6. Excavating, filling in, grading, plain and reinforced concrete masonry, carpentry, lath and plaster, plumbing, heating and electric work for two-story and basement frame residence.
Owner.....Mrs. Margaret F. Cushman.
Architect ...Weeks & Day, Rialto Bldg., San Francisco.
Contractor..W. C. Duncan & Co., Sharon Bldg., S. F.

Filed Mar. 1, '17. Dated Feb. 27, 17.
Monthly payments of 75%
Usual 35 days ..... Balance
TOTAL COST not to exceed $8650
Bond, $4675. Surety, New Amsterdam Casualty Co. Limit, July 15. Forfeit, $10. Plans and specifications filed.
NOTE: Contractors' profit, $700.

FRAME DWELLING
(553) NE NAPLES AND MADRID. Two-story and basement frame dwlg.
Owner. ...Victor Holmgren, 1206 Naples, San Francisco.
Architect ...None.
Day's work. COST, $2000

ALTERATIONS
(554) NO. 29 STOCKTON. Alter show windows.
Owner.....Parmelee Art Co.
Architect ...None.
Contractor..A. Haugerud.
COST, $450

SIGNS
(555) NO. 18 POWELL. Electric signs.
Owner.....Portola Louvre, Premises.
Architect ...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $400

ALTERATIONS
(556) NE ELLIS AND FILLMORE. Minor changes for hotel.
Owner.....McDermott Estate, 5 Montgomery, San Francisco.
Architect ...None.
Contractor..J. J. Heaphy, 1488 Vallejo, San Francnsco.
COST, $600

ALTERATIONS
(557) NOS. 900-904 POST. Alter [illegible]
Owner.....Moran & Pappas, Premises.
Architect ...None.
Contractor..Art Cabinet Shop, 16 Rich, San Francisco
COST, $400

ALTERATIONS
(558) NO. 241 OTSEGO. Alter attic rooms.
Owner.....W. Bammann, Premises.
Architect ...H. Hertenstein, 311 Florida San Francisco.
Contractor..W. Nagel, 830 Bosworth, San Francisco.
COST, $400

ALTERATIONS
(559) NW SAN BRUNO AND FELTON. New front, etc.
Owner.....W. D. Brown, 309 Flatiron Bldg., San Francisco.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(560) NOS. 1 TO 3 COLUMBUS AVE Alter stores.
Owner.....M. V. La Caver, Agent, 19 Columbus Ave., S. F.
Architect ...None.
Contractor..S. A. Guisti, 617 Sansome, San Francisco.
COST, $500

ADDITION
(561) NO. 1043 CLAYTON. Add one story frame garage to present bldg.
Owner.....Dr. Guy S. Millberry, 1043 Clayton, San Francisco.

Architect ...John Day; Hatch, Hombeck Brick Bldg. S. F.
Contractor..J. Lubach, 250 14th Ave San Francisco.
COST $1.20

FRAME APARTMENTS
(562) W PIERCE 105.6 S California Three-story and basement frame 60 apartments
Owner. ..M. Dempnuk, 1825 Hyde, San Francisco.
Architect ...None
Day's work COST, $23,000

FRAME FLATS
(563) W DELMAR 240 S Waller. Two-story and basement frame (2) flats
Owner.....Emil Nelson, 430 26th Ave., San Francisco.
Architect ...None.
Day's work. COST, $3900

ALTERATIONS
(564) E GRANT AVE 77-6 N Bush 30x80. Concrete, brick, iron, steel, carpenter, mill, glass, lath and plaster, sheet metal, roof, painting, plumbing, electric work for alterations and additions to two-story brick building.
Owner.....Herman Heskins.
Architect ...Heiman & Schwartz, Nevada Bank Bldg., S. F.
Contractor..J. Spargo, 240 Montgomery San Francisco.
Filed Mar. 2, '17. Dated Feb. 24, '17.
Roof boards on.....$1117.25
2nd coat plaster on..... 1117.25
Completed and accepted..... 1117.25
Usual 35 days..... 1117.25
TOTAL COST, $4469.00
Bond, $2250. Sureties, J. E. Shale and

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

R. Zelinsky. Limit, 10 day. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(565) NE TWELFTH AND KISSLING N 21-6xE 87-6. Grading, concrete, carpenter, mill, lath and plaster, glass, tile roofing, etc., for two-story and basement frame building.
Owner.....Mary J. O'Keefe, 233 12th, San Francisco.
Architect...Jno. J. Foley, 46 Kearny, San Francisco.
Contractor..Wm. M. Reedy, 157 Bronte, San Francisco.
Filed Mar. 2, '17. Dated Jan. 5, '17.
Frame up $601.25
Brown coated 601.25
Completed and accepted..... 601.25
Usual 35 days..... 601.25
TOTAL COST, $2405.00
Bond, none.. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(566) W THIRTY-FOURTH AVE 25 N Anza. One-story and basement frame dwelling.
Owner.....C. J. Knox, Grant Bldg., San Francisco.
Architectt...None.
Contractor..Leigh & Schultz, 419 21st Ave., San Francisco.
COST, $2000

FRAME DWELLING
(567) W THIRTY-FOURTH AVE 50 N Anza. One-story and basement frame dwelling.
Owner.....C. J. Knox, Grant Bldg., San Francisco.
Architectt...None
Contractor..Leigh & Schultz, 419 21st Ave., San Francisco.
COST, $2000

FRAME DWELLING
(568) W THIRTY-FOURTH AVE 75 N Anza. One-story and basement frame dwelling.
Owner.....C. J. Knox, Grant Bldg., San Francisco.
Architectt...None.
Contractor..Leigh & Schultz, 419 21st Ave., San Francisco.
COST, $2000

ALTERATIONS
(570) NO. 233 POST. Steel and plaster partitions.
Owner.....Great Western Power Co., 14 Sansome, S. F.
Architect...None.
Contractor..Robinson & Gillespie, 1051 Sutter, San Francisco.
COST, $400

ALTERATIONS
(571) NOS. 326-332 NOE. Minor alterations for flats.
Owner.....Mary Coyne, 3517 16th, San Francisco.
Architect...None.
Contractor..Thos. Coyne, 3519 16th, San Francisco.
COST, $1000

FRAME DWELLING
(572) S GOETHE 300 W San Jose. One-story and basement frame dwlg.
Owner.....Homestead Realty Co., Mutual Bank Bldg., S. F.
Architect...None.
Contractor..W. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

ALTERATIONS
(573) W BANKS 75 S Tompkins. Alter dwelling.
Owner.....Annie Nickols, Premises.
Architect...None.
Contractor..Wm. M. Reedy, 157 Bronte, San Francisco.
COST, $1000

ALTERATIONS
(574) NO. 426 BROADWAY. Alter kitchen and add bath.
Owner.....Albert Rivara, Premises.
Architect...I. Zanolini, 604 Montgomery, S. F.
Day's work. COST, $1000

REPAIRS
(575) NO. 3430 SIXTEENTH. Repair fire damages.
Owner.....Mrs. M. Heilman, Prem.
Architect...None.
Contractor..Roberts & Son, 112 Scott, San Francisco.
COST, $800

ALTERATIONS
(576) SE BATTERY AND WASHINGton. New area wall under sidewalk.
Owner.....Zellerbach Paper Co., Prem
Architect...None.
Contractor..Macdonald & Kahn, 905 Rialto Bldg., S. F.
COST, $700

FRAME GYMNASIUM
(577) S HAIGHT NO. 121. One-story frame gymnasium.
Owner.....Young Men's Hebrew Association, 1562 Ellis, S. F.
Architect...G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
COST, $9000

FRAME DWELLING
(578) W NINETEENTH AVE 228 S Rivera. One and one-half-story and basement frame dwelling.
Owner.....Jas. A. Arnott, 1322 3rd Ave., San Francisco.
Architect...None.
Contractor..Jas. A. Arnott & Son, 517 Noe, San Francisco.
COST, $2800

FRAME DWELLING
(579) W NINETEENTH AVE 203 S Rivera. One and one-half-story and basement frame dwelling.
Owner.....Jas. A. Arnott, 1322 3rd Ave., San Francisco.
Architect...None.
Contractor..Jas. A. Arnott & Son, 517 Noe, San Francisco.
COST, $2800

FRAME DWELLING
(580) W NINETEENTH AVE 178 S Rivera. One and one-half-story and basement frame dwelling.
Owner.....Jas. A. Arnott, 1322 3rd Ave., San Francisco.
Architect...None.
Contractor..Jas. A. Arnott & Son, 517 Noe, San Francisco.
COST, $2800

FRAME RESIDENCE
(581) NE EXCELSIOR 25 NW Lisbon. One and one-half-story and basement frame residence.
Owner.....Martin Person, 302 Brazil, San Francisco.
Architect...None.
Day's work. COST, $1800

FRAME DWELLING
(582) NW BRUNSWICK AND CURTIS. One and one-half-story and basement frame dwelling.
Owner.....Albin M. Samuelson, 375 21st, San Francisco.
Architect...None.
Day's work. COS, $1750

FRAME DWELLING
(583) N TWENTY-SIXTH 85 W Guerrero. One-story and basement frame dwelling.
Owner.....Henry J. Klahn, 419 29th, San Francisco.
Architect...Otto A. Klahn, 27 Chenery, San Francisco.
Contractor..A. Kdahn & Son, 27 Chenery, San Francisco.
COST, $2000

OFFICE FITTINGS, ETC.
(584) SW FIRST 40 SE Stevenson SE 40 SW 167-6 NW 80 NE 87-6 SE 40 NE 80. Office fittings, cabinet mill work, wainscotings, cabinets, doors, painting, tile, marble, Kalamein doors dampproofing, plaster, etc., for seven-story and basement building.
Owner.....Langley & Michaels Co., 50 First, San Francisco.
Architect...Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor..Wm. Bateman, 2215 Howard, San Francisco.
Filed Mar. 3, '17. Dated Mar. 2, '17.
On 1st of each month..... 75%
Usual 35 days, 25%.....$1471.75
TOTAL COST, $5887.00
Bond, $2944. Surety, Hartford Accident & Indemnity Co. Limit, 40 days. Forfeit, $40. Plans and specifications filed.

ALTERATIONS
(585) NO. 135 PARIS. All work for alterations and additions for one-story and basement frame dwelling.
Owner.....Paul Scharrenberg, 135 Paris, San Francisco.
Architect...Harold F. Genss, 553 Baker, San Francisco.
Contractor..A. W. Bryant & Son, 1247 9th Ave., San Francisco.
Filed Mar. 3, '17. Dated Feb. 28, '17.
Moving, excavation, foundation and underpinning in, etc.....$489
Completion of framing, roofing plumbing and wiring done..... 489
On completion 489
Usual 35 days..... 489
TOTAL COST, $1956
Bond, $978. Surety, T. Gainford. Limit, 60 days. Forfeit, $2. Plans and specifications filed.

OFFICE BUILDING
(586) NE PINE AND MONTGOMERY E 77-6xN 73-1½. Carpenter work for one-story and mezzanine office bldg.
Owner.....McCreery Estate Co., 221 Sansome, San Francisco.
Architect...Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor..Val Franz & Son, 185 Stevensoun, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Progressive payments on 15th of
TOTAL COST, $6725
Bond, $3362.50. Surety, Maryland Casualty Co. Limit, July 15. Forfeit, $10. Plans and specifications filed.

(587) EXCAVATION, CONCRETE construction, etc., on above.
Contractor..H. L. Peterson, 62 Post, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $19,500
Bond, $9750. Surety, London & Lancashire Indemnity Co. Limit, July 15.

Forfeit, $10. Plans and specifications filed.

(588) PLASTERING ON ABOVE.
Contractor..C. C. Morehouse, 872 Folsom, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $2390
Bond, $1195. Surety, London & Lancashire Indemnity Co. of America. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(589) FURRING AND LATHING ON above.
Contractor..C. C. Morehouse, 872 Folsom, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $2725
Bond, $1362. Surety, London & Lancashire Indemnity Co. of America. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(590) EXTERIOR ARTIFICIAL STONE work on above.
Contractor..C. C. Morehouse, 872 Folsom, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $7150
Bond, $3575. Surety, London & Lancashire Indemnity Co. of America. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(591) ROOFING AND SHEET METAL work on above.
Contractor..Forderer Cornice Works, 269 Potrero Ave., S. F.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $1137
Bond, $586.50. Surety, London & Lancashire Indemnity Co. of America. Limit July 15. Forfeit, $5. Plans and specifications filed.

(592) ORNAMENTAL IRON WORK ON above.
Contractor..California Artistic Metal & Wire Co., 365 7th, S. F.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $4178
Bond, $2089. Surety, National Surety Co. Limit, July 15. Forfeit, $5. Plans and specifications filed,

(593) MARBLE WORK ON ABOVE.
Contractor..Joseph Musto Sons-Keenan Co., 565 North Point, S. F.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $1700
Bond, $850. Surety, New Amsterdam Casualty Co. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(594) TILING ON ABOVE.
Contractor..Mangrum & Otter, 561 Mission, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $610
Bond, none. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(595) PAINTING ON ABOVE.
Contractor..John H. Spark, 534 Pine, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $1470
Bond, $735. Surety, London & Lancashire Indemnity Co. of America. Forfeit, $5. Limit, July 15. Plans and specifications filed.

(596) PLUMBING ON ABOVE
Contractor..Frederick W. Snook Co., 596 City, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $2160
Bond, $1080. Surety, London & Lancashire Indemnity Co. of America. Limit July 15. Forfeit, $5. Plans and specifications filed.

(597) ELECTRIC WIRING AND HEATing on above.
Contractor..O. Kurtz, 445 Stevenson, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $4400
Bond, $2200. Surety, Massachusetts Bonding & Insurance Co. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(598) ELEVATOR WORK ON ABOVE
Contractor..Otis Elevator Co., Beach and Stockton, S. F.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $2100
Bond, none. Limit, July 15. Forfeit, $5 Plans and specifications filed.

(599) HARDWARE ON ABOVE.
Contractor..Joost Bros., 1053 Market, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $485
Bond, none. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(600) VAULT DOORS ON ABOVE.
Contractor..Hermann Safe Co., 216 Fremont, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $360
Bond, none. Limit, July 15. Forfeit, $5. Plans and specifications filed.

(601) GLAZING WORK ON ABOVE.
Contractor..W. P. Fuller & Co., Beale and Mission, San Francisco.
Filed Mar. 3, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $2050
Bond, $1025. Sureties, E. E. Simmons and H. H. Somers. Limit, July 15. Forfeit, $5. Plans and specifications filed.

LEASE

SAN FRANCISCO COUNTY.

Feb. 28, 1917—PTN NO. 3318 MISSION. Ludwig M Seeleiger to R McQuade and L F Armknecht. 5 years. $3000.
Mar. 2, 1917—W GRANT AVE 33-9 N Vallejo N 33-9 W 68-9 Nos. 1309-1315 Grant Ave. Virginia M Bouquet to Joe Tognoli, Giovanni Blangino and Dante Nannizzi. 120 months $7920.
Mar. 2, 1917—NO. 585 GREEN. Jos Rampone to Jas Rampone and G Cantalore. 29 months. $120 per month with option to renew.
Feb. 27, 1917—SW EIGHTH AND Natoma S 75xW 125. William Ehrenpfort to Christ Bauer. 5 years. $9600
Feb. 27, 1917—N JACKSON 72-1 W Franklin. Meyer Wood to Elizabeth J Knight. 5 years, $15,000.
Feb. 28, 1917—E FOLSOM 275 S 19th S 25 E 122-6 S 50 E 122-6 N 75 W 245. C N Wolfe to James and Isabella Miller. 3 years. $2520.
Feb. 28, 1917—S PACIFIC 137-6 W Sansome 68-9x137-6. Henry Cailleaud to De Martini Motor Truck Co. 10 years. $27,000.

BUILDING PERMITS FOR FEBRUARY

Class	No.	Cost
"A"	[illegible]	$ [illegible]
"B"	1	[illegible]
"C"	13	211,985
Frame	117	[illegible]
Alteration	[illegible]	134,831
Harbor Building	1	[illegible]
Public Building	1	[illegible]
Total	[illegible]	$1[illegible]

For the same period last year the totals were 731 permits at $1[illegible]

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED
Feb. 15, 1917—SE MARKET AND Fourth S 170xE 100. Market Street Realty Co to R J H Forbes.. ..... Feb 14, 1917
Feb. 15, 1917—NE FIFTH AVE AND Anza. Edward G Brugge to James Rixen..... Feb 15 1917
Feb. 15, 1917—W THIRD bet. 4th and 16th. Southern Pacific Co to Thos H Price Co.....Feb. 7, 1917
Feb. 15, 1917—W PLUTO 80 S Masonic Ave S 80x27-6. Co-Operative Home Builders to whom it may concern.. .....Feb. 15, 1917
Feb. 15, 1917—N NINETEENTH 145-1½ E Dolores E 24-10½xN 100. K M Lane to C L Knight.Feb. —, 1917
Feb. 15, 1917—N SUTTER 137-6 W Mason. C T Ryland to whom it may concern .....Completed ——
Feb. 16, 1917—NW COOK AND ST. Roses Ave 25x95. Nathaniel Thompson to whom it may concern..... .....Feb. 16, 1917
Feb. 16, 1917—S PACIFIC AVE 147-6 W Franklin. W J McKillop to whom it may concern..Feb. 15, 1917
Feb. 16, 1917—E FIFTEENTH AVE 250 N Fulton N 25xE 127-6. Stillman E Brown to whom it may concern.....Feb. 15, 1917
Feb. 16, 1917—SE HAIGHT AND Shrader E 59-7¼xS 100. Daniel M Moran to L W Clarke and T E Dickson (Clarke & Dickson)..... ..... Feb 14, 1917
Feb. 16, 1917—W EDGEWOOD AVE 454-3¾ S from N Edgewood W 119-3⅛ S 30 E 119-2⅛ N 30. Lillian Upton to M Fauth.....Feb. 16, 1917
Feb. 17, 1917—S LIBERTY 205 W Church W 25xS 114. Michael and Mary Augusta Hannon or Mary Agusta Hannon to J Verner..... .....Feb. 16, 1917
Feb. 19, 1917—LOT 15 BLK 1 Heyman Tract No. 2. Homestead Realty Co to Wm H Grahn.....Feb. 17, 1917
Feb. 19, 1917—E SEVENTEENTH AV 125 N Balboa N 25xE 120. Michael Costello and Bryan Feerick to whom it may concern...Feb. 19, 1917
Feb. 19, 1917—E ARGUELLO BLVD 26-3 N Turk E parallel with Turk to int with a line drawn at r a N from a point on N Turk dist 100 E Arguello Blvd N 25 m or l W to E Arguello Blvd S 25. E A Janssen to whom it may concern.Feb. 19, 1917
Feb. 19, 1917—E NINTH AVE 56 N Lawton N 24xE 120. Joseph Frank to G W Courtney.....Feb. 17, 1917
Feb. 19, 1917—W TWENTIETH AVE 175 N Balboa N [illegible] T Boynton to J H Baker..Feb. 19, '17
Feb. 20, 1917—N SUTTER 137-6 W Mason. C T Ryland to whom it may concern.....Completed ——
Feb. 20, 1917—SW [illegible]

and 240 respectively E Delano Ave. T C Connell to Bailey & Connell.. ..... Feb. 12, 1917

Feb. 20, 1917—SE MARKET 75 W Eighth 200x175. Jas Otis Trustee to American Marble & Mosaic Co... .....Feb. 11, 1917

Feb. 20, 1917—N HOWARD 250 E 4th E 25xN 80. F Kinslow to Brandt & Stevens.....Feb 15, 1917

Feb. 20, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de L Welch to McGilvray Stone Co..... .....Feb. 19, 1917

Feb. 20, 1917—E FIFTEENTH AVE 300 N Fulton N 25xE 127-6. Stillman E Brown to whom it may concern. ..... Feb. 20, 1917

Feb. 20, 1917—W LEAVENWORTH 60 N Post N 25xW 110. Grace Yager to W W Yager.....Feb. 20, 1917

Feb. 20, 1917—W FILLMORE 125 N Geary. Mrs G W Shorten to L A Secor.....Feb. 17, 1917

Feb. 21, 1917—E VALENCIA 248 N 21st 25x90. Frank De Witt to John J Binet Co.....Feb. 17, 1917

Feb. 21, 1917—S HARRISON bet. 18th and 19th. Southern Pacific Co to City Street Improvement Co..... .....Feb. 14, 1917

Feb 26, 1917—SW POWELL & WASHington S 37-6xW 60. M J Mealey and J L Collins (as Mealey & Collins) to whom it may concern... .....Feb. 23, 1917

Feb. 23, 1917—LOT 3 and E ½ Lot 4 Blk 283S, Forest Hill. Dr Geo H Whipple to J Eric Johanson..... .....Feb 15, 1917

Feb. 23, 1917—N POST 163-9 E Leavenworth 26-3x137-6. J G Kincannon to whom it may concern... ..... Feb 23, 1917

Feb. 26, 1917—LOT 5 BLK 18, Crocker Amazon Tct. Benjamin Fehnemann to whom it may concern... .....Feb. 26, 1917

Feb. 27, 1917—N TWENTY-FIFTH 186 E Diamond; No. 1266 25th. Rudolph Ruff to C Trifiletti..... .....Feb. 14, 1917

Feb. 27, 1917—— MOHAWK AVE 58-5 SE Huron SE 30xSW 100. J A De Rosa to whom it may concern..... ..... Feb 17, 1917

Feb. 27, 1917—SE BALBOA & 18TH Ave E 95xS 100. Andrew Victor Anderson to whom it may concern ..... Feb 24, 1917

Feb. 28, 1917—S SEVENTEENTH 208-5½ W Guerrero S 75xW 25-1½ Edmund and Annie T Grundy to Sjogren Bros.....Feb. 24, 1917

Feb. 28, 1917—PTN LOT 2 BLK - - Lincoln Manor. S A Foss Bldg Co to whom it may concern.Jan. 22, 1917

Feb. 28, 1917—SW VAN NESS AVE & Eddy W 125xS 120. Isabel Sprague Tr The Wallace Trust Estate to W D Henderson.....Feb. 28, 1917

Mar. 1, 1917—NW TURK AND POLK. Deutcher Verein to Fred Warden.. ..... Feb 15, 1917

Mar. 1, 1917—BLK BDED BY FIRST, Japan, Brannan and Townsend. Southern Pacific Co to Thomas H Price Co .....Feb. 20, 1917

Mar. 1, 1917—W NINETEENTH AVE 50 N Anza N 50xW 82-6. Oscar W Lind to whom it may concern ..... Mch 1, 1917

Mar. 1, 1917—S MARKET W 8th W 200x175. James Otis Trustee to Coast Refrigerator Co Feb 19, 1917

Mar. 1, 1917—W GREEN 137-6 W Leavenworth 100x60 Rincon L Logan to A D Nelson...Feb. 27, 1917

Mar. 1, 1917—W SIXTH 75 N Bryant N 50xW 100. W G Hind to A E Hind.....Mar. 1, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Feb. 15, 1917—W SEVENTEENTH AV 120 S California S 25xW 120. Chas Holloway Jr vs S F Bldg Co and Wm Larson $73.80

Feb. 16, 1917—SW VAN NESS AVE & Bush S 120xW 220. M Greenberg's Sons vs Overland Stores Co, J Looney & Leonard Constr Co.$399.50

Feb. 17, 1917—SE MARKET 275 SW 7th 55xSE 165. A J Thomas vs The Roman Catholic Archbishop of S. F. and P C Yorke $127.04

Feb. 17, 1917—W GRAFTON WAY 53 m or 1 N El Portal Way N 30xW 100. Fred Koldenstrodt vs S B Kress and Alma Kress.....$100

Feb. 17, 1917—S FIFTH AND CLARA (Clary)SW 75xSE 70-6; Q Scribante vs William Edwards and Paul C Taylor $1015.25

Feb. 19, 1917—W FIFTEENTH AVE 125 S Cabrillo S 25xW 127-6. D J Broderick vs Jno and Lilly Flaherty $1980

Feb. 19, 1917—NO. 340 STOCKTON. Mission Foundry & Stone Works vs Charles H Crocker and Brode Iron Works $66.01

Feb. 20, 1917—E STOCKTON 50 S Sutter S 40xE 80. Rincon Foundry Co vs Chas H Crocker and Brode Iron Works $61.05

Feb. 21, 1917—W FOLSOM 198 S 17th S 122-6xS 150. Robert Balzke vs Jean Allec and Greenback Plastering Co $384.74

Feb. 23, 1917—SW COR. BLK BDED by Market, Spear, Mission and Stewart. L Schaffer & Co vs Van Sant-Houghton Co and Southern Pacific Co $109.65

Feb. 26, 1917—S GEARY 92-6 W Powell W 45xS 137-6. Pacific Gas Appliance Co vs T W Corder and N L Josey.....$295

Feb. 28, 1917—E TWENTY-THIRD Ave 65 N Clement N 25 E 120 S 25 W 25. American Hardwood Floor Co vs M Matanovich.....$180

Mar. 1, 1917—LOT 125 BLK 23 Mission and 30th St. Hd. Union. The Greater City Lumber Co vs F Wisherup $13.10

Mar. 1, 1917—E BENNINGTON 50 m or 1 S Eugenia Ave S 25xE 100. The Greater City Lumber Co vs H Myers $55.15

Mar. 1, 1917—W COMMONWEALTH Ave 596-8 N Euclid Ave N 30xW 95. A P Konkel vs Eileen A, Geo A Connolly and Hemminga Bros, Inc $46

SAN FRANCISCO COUNTY.

Feb. 28, 1917—E STOCKTON 50 S Sutter S 40xE 80. Dunham, Carrigan & Hayden Co, Rincon Foundry Co, Mission Foundry & Stone Wks to Chas H Crocker and Brode Iron Works ....

Feb. 27, 1917—W GRAFTON WAY 53 m or 1 N El Portal Way N 30xW 100. Fred and Fritz Koldenstroll to S B and Alma Kress .....

Feb. 24, 1917—W CRAFTON WAY 53 m or 1 N El Portal Way N 30 W 100 S 25.714 E 100 m or l. W P Fuller to Alma Kress.....

OAKLAND AND ALAMEDA COUNTY.

STREET ELECTROLIER SYSTEM—Cost not stated. San Leandro, Alameda Co., Cal. Engineer, City Engineer, San Leandro. Owners, City of San Leandro. No bids were received by the City Trustees at their last meeting for the installation of the proposed new electrolier lighting system to be constructed along East 14th and Washington streets, this being the business section of the city. Since the opening of bids it is said that contractors had to purchase the marbelite poles f. o. b. Los Angeles, and they did not care to take the chance of being forced to be responsible for breakage or damaged poles upon their arrival in San Leandro.

RESIDENCE — 2 story and base, frame, $4,500. Berkeley, Alameda Co., Cal. Architect, none. Owners, Walter T. and Rowna Steilberg, 2623A Parker street, Berkeley. Location, south Panoramic Way east Canyon Road. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCES—5, 1 story and base, frame, $2,000 each. Berkeley, Alameda Co., Cal.. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, San Pablo avenue and Channing Way. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCES -10, 1 story and base, frame, $2,000 each. Oakland, Cal. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, northeast Arkansas and Curran. Each house will contain five rrooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Mason-McDuffie Co., Shattuck and Addison streets, Berkeley. Location, east Fresno north Marin. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,800. Oakland, Cal. Architect, none. Owner, Martha E. Lodge, 611 Cleveland avenue, Oakland. Location, north Bond west Cole. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frfame, $2,350. Oakland, Cal. Architect, none. Owner, F. G. Harford, 2205 Santa Clara avenue, Oakland. Location, east Midvale avenue south Kansas. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $6,000. Oakland, Cal. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owner's name not given. Location, Thousand Oaks Park. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared

RESIDENCE — 1 story and base frame, $2,000. Oakland, Cal Architect, none. Owner, J. Lindquist, 2153 Santa Clara avenue, Alameda. Location, west 87th avenue east Plymouth. Will contain five rooms, bath and sleeping

porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,000. Oakland, Cal. Architect, none. Owner, Alfred Peterson, 565 16th street, Oakland. Location, Lindwood avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, C. J. Pfrang, 5487 Claremont avenue, Oakland. Location, Taft avenue east Broadway. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCES — 6, 1 story and base, frame, $2,250 each. Oakland, Cal. Architect, Noble Newsom, Nevada Bank Bldg., S. F. Owner, Noble Newsom. Location, Thousand Oaks Park. Each dwelling will contain six rooms, bath and sleeping porch. Separate garages. Plans complete and owner taking subfigures.

APARTMENT HOUSE—3 story and base, frame, $15,000. Oakland, Cal. Architect, Eugene K. Martin, 2192 Shattuck avenue, Berkeley. Owner, F. L. Turner. Location, 9th avenue and East 18th street. Will contain a number of two, three and four room apartments. Plans complete and figures being taken.

FACTORY—2, 2 story and base. Class C construction, $160,000. Oakland, Cal. Architect, William Griesser, 64 West Randolph street, Chicago, associated with Oliver Duvall & Son, Dalziel Bldg., Oakland. Owners, Remar Co. The Remar Co., a new packing industry, composed largely of local capital, has secured a large tract in Oakland bounded by 45th, Adeline, 47th and Linden streets on which will be erected one of the largest and most modern packing plants about the bay district. Plans for the various buildings have been prepared by Architect William Griesser, a specialist in this line of construction. Construction will be carried out in units of four, the first of which consists of two brick and concrete buildings, each of two stories. The main factory building will be of brick and will cover an area of 180 by 100 feet. The other building has been designed for a garage and will cover an area of 40 by 90 feet. Following the completion of these buildings construction of the second unit, consisting of a four-story brick structure, covering an area of 100 by 180 feet, will be started. Construction together with equipment will cost in the neighborhood of $160,000.

FACTORY—1 story, brick. Cost not stated. Emeryville, Alameda Co., Cal. Architect, none. Owners, Sterling Paint Co., 118 First street, S. F. Will cover an area of 50 by 60 feet. Plans complete and work to be carried on under the supervision of Sommarstrom Bros., 2417 Telegraph avenue, Oakland.

GARAGE—1 story and base, brick. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Walter D. Reed, Oakland Bank of Savings, Oakland. Owner, James P. Taylor. Location, Webster between 24th and 25th streets. Designed for a commercial garage and will contain office and repair shop besides the storage space. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame, $4,500. Berkeley, Alameda Co., Cal. Architect, W. L. Broderick, 1201 Colusa avenue, Berkeley. Owner, Herbert F. Kern. Location, north Shattuck avenue near Indian Rock. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and basement, frame, $2,000. Berkeley, Alameda Co., Cal. Architect, W. L. Broderick, 1201 Colusa avenue, Berkeley. Owner, J. S. Hanson. Location, Joseph street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and basement, frame, $2,000. Oakland, Cal. Architect, none. Owner, Alfred J. Hopper, 1769 Pleasant Valley avenue, Oakland. Location, west 41st avenue north East 16th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor.	Amt.
433	Hellman	Larsen	$8000
434	Lodge	Lodge	1700
435	Wolton	Buhman	500
436	Woerner	Peterson	500
437	Mutual Realty	Owner	6475
438	Hillen	Hillen	2000
439	Same	Same	2000
440	Same	Same	2000
441	Same	Same	2000
442	Same	Same	2000
443	Same	Same	2000
444	Same	Same	2000
445	Same	Same	2000
446	Same	Same	1500
447	Same	Same	1500
448	Harford	Noble	2350
456	Merritt	Stewart	400
457	Whalin	Whalin	800
458	Werum	Brown	2400
459	Muller	Muller	400
460	Kohler	Jarvis	175
461	Same	Same	1750
462	Silverstine	Griffis	2000
464	Short	Short	600
465	Pealter	Bohain	400
466	Eva	Cameron	1000
467	Ind Brwg	Hein	400
470	Pfrang	Pfrang	2500
471	Lewis	Harris	3500
472	Faucher	Legault	4500
473	Steilberg	Steilberg	4500
475	Cutler	Ball	1000
478	Hopper	Hopper	1935
479	Edmonds	Blake	4500
480	Osgood	Kulchar	2000
481	Nichols	Nichols	2500
482	Kellogg	Kellogg	1500
483	Babcock	Babcock	500
484	Clark	Clark	2000

SWIMMING POOL, ETC.
(433) E FOOTHILL BLVD beginning at 108th Ave., Oakland. All work for swimming pool and dressing pavilion.
Owner.....I. W. Hellman Jr., Nevada National Bank, S. F.
Architect ...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..Larsen-Sampson Co., Crocker Bldg., S. F.
Filed Feb. 26, '17. Dated Feb. 20, '17.
1st day of each month..... 75%
Usual 35 days, 25% and.....$600
TOTAL COST, not over $7400 and $600 for contractor.
Bond, $3900. Surety, D. O. Drake. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(434) N BOND 170 W Cole, Oakland. One-story 5-room dwelling.
Owner.....Martha E. Lodge, 611 Cleveland Ave., Oakland.
Architect ...None.
Contractor..C. F. Lodge, 611 Cleveland Ave., Oakland.
COST, $1700

[illegible] DEMOLITION
(435) NO. [illegible] DEMONTE AVE., Oakland. Architect ...
Owner.....E. Wolton, [illegible] Hopkins, Oakland.
Architect ...None.
Contractor..P. Buhman, [illegible] Palmetto Ave., Oakland.
COST, $500

ADDITION
(436) NO. 429 PERKINS, Oakland. Addition.
Owner.....J. C. Woerner, Premises.
Architect ...None.
Contractor..A. Peterson, 1291 19th, Oakland.
COST, $500

ALTERATIONS
(437) NO. 1437 BROADWAY, Oakland. Alterations.
Owner.....Mutual Realty Co.
Architect ...None.
Day's work. COST, $475

DWELLING
(438) N ARKANSAS 40 W Maple, Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(439) S ARKANSAS 120 W Maple Ave., Oakland. One-story five-room dwtlling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(440) S MONTANA 35 E Curran, Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(441) SE ARKANSAS AND CURRAN Ave., Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(442) NE ARKANSAS AND CURRAN Ave., Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(443) E ARKANSAS 225 E Curran Ave., Oakland. One-story five-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(444) S ARKANSAS 75 E Curran Ave., Oakland. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(446) S MONTANA 42 W Maple Ave., Oakland. One-story 5-room dwelling.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $2000

DWELLING
(446) S MONTANA 82 W Maple Ave., Oakland. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $1500

DWELLING
(447) N MAINE 75 E Curtan Ave., Oakland. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect ...None.
Day's work. COST, $1500

DWELLING
(448) E MIDALE AVE 125 S Kansas, Oakland. One-story 6-room dwlg.
Owner.....F. G. Harford, 2205 Santa Clara Ave., Alameda.
Architect ...None.
Contractor..G. H. Noble, 2220 Central Ave., Alameda.
COST, $2350

ALTERATIONS
(456) NO. 1401 JACKSON Oakland. Alterations.
Owner.....Merritt Estate.
Architect ...None.
Contractor..B. A. Stewart, 5 Fairview Ave., Piedmont.
COST, $400

DWELLING
(457) E TWENTY-SECOND AVE 175 N E-29th, Oakland. One-story three-room dwelling.
Owner.....J. W. Whalin, 2930 22nd Ave., Oakland.
Architect ...None.
Day's work. COST, $800

DWELLING
(458) NW THIRTY-FIFTH AVE AND Eden Lane, Oakland. One-story 5-room dwelling.
Owner.....A. M. Werum, 2021 34th Ave., Oakland.
Architect ...None.
Contractor..W. C. Brown, 1624 64th Ave., Oakland.
COST, $2400

SEATM BOILER
(459) NO. 202 GROVE, Oakland. Steam boiler.
Owner.....Muller Bros.
Architect ...None.
Day's work. COST, $400

DWELLING
(460) W TWELFTH AVE 50 N E-12th Oakland One-story 5-room dwlg.
Owner.....Olga T. Kohler, 1705 12th Ave., Oakland.
Architect ...None.
Contractor..Walter Jarvis, 242 Oakland Ave., Oakland.
COST, $1750

DWELLING
(461) N E-SEVENTEENTH 300 W 12th Ave. Oakland. One-story five-room dwelling.
Owner.....Olga T. Kohler, 1705 12th Ave., Oakland.
Architect ...None.
Contractor..Walter Jarvis, 42 Oakland Ave., Oakland.
COST, $1750

ALTERATIONS
(462) NOS. 1010-12 FOURTEENTH, Oakland. Alter 2 flats into 4 apartments.
Owner.....F. Silverstine.
Architect ...None.
Contractor..C. M. Griffin, 746 5th Ave., Oakland.
COST, $2000

ADDITION
(464) NO. 3003 SCHOOL, Oakland. Addition.
Owner.....C. W. Short, 536 Magnolia, Oakland.
Architect...None.
Day's work. COST, $600

ALTERATIONS
(465) NO. 528 HENRY, Oakland. Alterations.
Owner.....Peater Market, Premises.
Architect ...None.
Contractor..C. Bohain, 703 27th, Okd.
COST, $400

ALTERATIONS
(466) SW TWENTY-NINTH AND Broadway, Oakland. Alterations.
Owner.....Eva & Harper, SE Lee and Van Buren, Oakland.
Architect ...None.
Contractor..H. C. Cameron, 5619 Dover, Oakland.
COST, $1000

ADDITION
(467) S CLIFTON bet. Miles and Claremont, Oakland. Addition.
Owner.....Independent Brewing & Malting Company.
Architect ...None.
Contractor..Theo. H. Hein.
COST, $400

DWELLING
(470) N TAFT AVE 240 E Broadway, Oakland. One-story 5-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect ...None.
Day's work. COST, $2500

CONCRETE GARAGE
(471) NO. 3229 E-FOURTEENTH, Oakland. One-story concrete garage.
Owner.....J. C. Lewis, Central Bank Bldg., Berkeley.
Architect ...None.
Contractor..Frank Harris, 4220 Kanning, Oakland.
COST, $3500

ALTERATIONS
(472) NW SEVENTH AND FRANKLIN, Oakland. Alter stores.
Owner.....J. A. Faucher, 117 Lake, Oakland.
Architect ...None.
Contractor..Alfred Legault, 3979 West, Oakland.
COST, $4500

DWELLING
(473) S PANORAMIC WAY 400 E Canyon Road, Oakland. Two-story 8-room dwelling.
Owner.....Walter T. & Rowna Steilberg, 2623-A Parker, Okd.
Architect ...None.
Day's work. COST, $4500

DWELLING
(475) 5 FEET LOT S and all Lot 9 Blk 8 Map Key Route Heights, Oakland. All work for one-story 4-room dwelling.
Owner.....Mrs. Minnie A. Cutler, 3664 39th Ave., Oakland.
Architect...None.
Contractor..J. F. Ball, S. F.
Filed Feb. 28, '17 Dated Jan. 24, '17. As work progresses owner pays all bills .....
TOTAL COST, $1000
Bond, none. Limit, 90 days after Jan. 24. Forfeit, $5. Plans and specifications filed.

DWELLING
(478) W FORTY-FIRST AVE 138 N E-16th, Oakland. One-story 5-room dwelling.
Owner.....Alfred J. Hopper, 1769 Pleasant Valley Ave., Okd.
Architect ...None.
Day's work. COST, $1935

DWELLING
(479) E GOLDEN GATE AVE 500 N Cross Roads, Oakland. One-story 7-room dwelling.
Owner.....J. W. Edmonds.
Architect ...None.
Contractor..Blake Bros. Co., Oakland Bank of Savings Bldg., Okd
COST, $4500

ALTERATIONS
(480) SE TWELFTH AND WASHINGton, Oakland. Alter drug store.
Owner.....Osgood Bros., Premises.
Architect ...None.
Contractor..S. Kulchar & Co., 8th Ave and E-10th, Oakland.
COST, $2000

DWELLING
(481) N WELLINGTON AVE 26 W Townsend Ave., Oakland. One and one-half-story 7-room dwelling.
Owner.....Mrs. W. D. Nichols, 5529 Lawton Ave., Oakland.
Architect ...None.
Contractor..A. H. Nichols, 1157 11th Ave., Oakland.
COST, $3500

DWELLING
(482) E MAYBELLE AVE 85 S Porter, Oakland. One-story 5-room dwelling
Owner.....I. A. Kellogg, 1416 Grand Ave.., Oakland.
Architect ...None.
Day's work. COST, $1500

ALTERATIONS
(483) NO. 3522 BROOKDALE AVE., Oakland. Alterations.
Owner.....O. F. Babcock.
Architect ...None.
Day's work. COST, $500

PLATFORM
(484) IDORA PARK, Oakland. Platform.
Owner.....M. Clark.
Architect ...None.
Day's work. COST, $2000

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
449	Hillen	Hillen	1500
450	Same	Same	1500
451	Same	Same	1500
452	Rogers	Taylor	1400
453	Madison	Mason	3000
454	Hillen	Hillen	1500
455	Same	Same	2000
468	1st Pres Ch	Engler	1500
474	Gilmore	Pfrang	4200
476	Brooks	Sorensen	800
477	Krosca	Krosca	2500

DWELLING
(449) W CURTIS 100 N Dwight Way, Berkeley. One-story 5-room dwlg.

Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect...None.
Day's work. COST, $1500

DWELLING
(450) W EDWARDS 212 S Bancroft, Berkeley. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect...None.
Day's work. COST, $1500

DWELLING
(451) W EDWARDS 177 S Bancroft, Berkeley. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect...None.
Day's work. COST, $1500

DWELLING
(452) W CORNELL 245 N Camelia, Berkeley. One-story 5-room dwlg.
Owner.....Henry A. Rogers, Willows, California.
Architect...None.
Contractor..W. E. Taylor, 1433 Ada, Berkeley.
COST, $1400

DWELLING
(453) E FRESNO 231.05 N Marin Ave., Berkeley. One-story 5-room dwlg.
Owner.....C. R. Madison, Shattuck & Addison, Berkeley.
Architect...None.
Contractor..Mason-McDuffie Co., Shattuck & Addison, Berkeley.
COST, $3000

DWELLING
(454) E CURTIS 100 S Channing Way, Berkeley. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect...None.
Day's work. COST, $1500

DWELLING
(455) NO. 1428 SAN PABLO AVE., Berkeley. One-story 5-room dwlg.
Owner.....R. C. Hillen, 430 Haight Ave., Alameda.
Architect...None.
Day's work. COST, $2000

ADDITION
(468) E DANA 100 S Channing, Berkeley. Add to church.
Owner.....First Presbyterian Church.
Architect...None.
Contractor..Louis Engler, 2435 College Ave., Berkeley.
COST, $1500

FRAME DWELLING
(474) LOT 3 HIGH COURT TRACT, Berkeley. All work for two-story frame dwelling.
Owner.....Wm. W. Gilmore, People's Bank Bldg., Sacramento.
Architect...None.
Contractor..H. C. Pfrang, 320 Forest, Oakland.
Filed Feb. 28, '17. Dated Feb. 27, '17.
Frame up ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $1200
Bond, none. Limit, 120 days. Forfeit, $10. Specifications only filed.

ALTERATIONS
(476) NO. 2237 SHATTUCK AVE. Berkeley. Alterations.
Owner.....- Brooks.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor..Walter Sorensen, 2440 Ellis, Berkeley.
COST, $500

DWELLING
(477) N TACOMA 320 W The Alameda, Berkeley. One-story 6-room dwlg.
Owner.....M. S. Krosca, 1908 Yolo Ave., Berkeley.
Architect...None.
Contractor..E. I. Krosca, 1908 Yolo Ave., Oakland.
COST, $2500

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
468	Page	Elliott	10833
469	Gardner	Ashcroft	2500

FRAME DWELLING
(463) W BAY 917.50 S San Antonio Ave S 100xW 100, Alameda. All work except heating, painting, plumbing, finish hardware, electric fixtures and shades for two-story and basement frame dwelling.
Owner.....C. R. Page, Care Firemans' Fund Ins. Co., 401 California, San Francisco.
Architect...J. R. Miller, Lick Bldg., San Francisco.
Contractor..E. W. Elliott.
Filed Feb. 28, '17. Dated Feb. 26, '17.
2nd story joists on.....$2026.00
Rough wiring completed.... 2026.00
Plastered 2026.00
Completed and accepted..... 2046.75
Usual 35 days..... 2708.25
TOTAL COST, $10,833.00
Bond, $5417. Surety, Guardian Casualty & Guaranty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

DWELLING
(469) NO. 2050 ENCINAL AVE., Alameda. One-story 6-room dwelling.
Owner.....W. S. Gardner, 2060 Encinal Ave., Alameda.
Architect...None.
Contractor..M. Ashcroft, 1823 Alameda Ave., Alameda.
COST, $2500

ALAMEDA COUNTY.

RECORDED ACCEPTED

Feb. 15, 1917—LOT 24 BLK 13 Map Thousand Oaks, ——. Florence H. Cotrel to C A Davis.. .Feb. 15, 1917
Feb. 15, 1917—(1) N THIRD 75 E Franklin 75x—; (2) E Franklin 50 S Second 75x—; (3) SE Second and Franklin 50x75, Okd. F N Diehl to A D Nelson.....Feb. 13, 1917
Feb. 15, 1917—LOT 21 BLK 7 Berkeley Heights, Bkly. Ernest C Douglas to whom it may concern. .....Feb. 10, 1917
Feb. 15, 1917—LOT 23 BLK 17 Map Blks 17, 18, 19 Thousand Oaks, Oakland Tp. Alphonse Duperu to Frank S Spring.....Feb. 15, 1917
Feb. 15, 1917—LOT 3 BLK "F" Lakewood Park Tract, Okd. Mae T Joy to F M Strang..... Feb 1, 1917
Feb. 19, 1917 LOCATION NOT Given Surf Beach Amusement Co and Alameda Park Co to A T Spence..... Jan 10 1917
Feb 19, 1917—LOT 18 BLK "M" Map Central Piedmont No 2, Oakland Tp R H Cooley to whom it may concern..... Feb. 19, 1917
Feb. 23, 1917—LOT 79 Map Kingsland Tract, Okd. A Miles Taylor to J I Thomas and David Clarke..... ..... Feb. 19, 1917
Feb. 23, 1917—BLK BDED BY 12TH, 14th Poplar and Union, Oakland. Pacific Coast Shredded Wheat Co to Stobbe & Romak.....Feb. 17, 1917
Feb. 23, 1917—SW FOURTEENTH & Willow W 190xS 106-3, Oakland. Oakland Cream Depot to Alfred Olson.....Feb. 15, 1917
Feb. 24, 1917—NW SECOND AND Harrison 75x150, Okd. Dante Market Co, Inc to A D Nelson and Chas Forsyth.....Feb. 23, 1917
Feb. 24, 1917—LOT 13 BLK "A" Lakewood Park Tract, Okd. Sol and Rosa Quittman to D U Stanage... .....Feb. 23, 1917
Feb. 26, 1917—W RANSOME AVE 100 S Santa Rita No. 2255, Okd. Ole Kolen to whom it may concern..... .....Feb. 24, 1917
Feb. 26, 1917—LOT 13 BLK "M" Map 4th Ave Terrace, Okd. Ivar Nylander to whom it may concern... .....Feb. 24, 1917
Feb. 26, 1917—LOT 15 BLK 9 Map 4th Ave Heights, Okd. Rebecca A Pratt to whom it may concern... .....Feb. 21, 1917
Feb. 26, 1917 (1) SW SECOND AND Franklin 100x75; (2) S Second bet Broadway and Franklin 28x75, Okd. The Fruit & Produce Realty Co, Inc to Alfred Olson.....Feb. 23, 1917
Feb. 27, 1917—(1) SW SECOND AND Franklin 100x75; (2) S Second bet Broadway and Franklin 28x75, Okd. The Fruit & Produce Realty Co, Inc to Fred J Jackson.....Feb. 12, 1917
Feb. 27, 1917—LOT 8 BLK 33 Fairmont Park, Albany. A H Pallen to whom it may concern..Feb. 27, 1917
Feb. 27, 1917—W WATTS 230 S Park Ave S 170 W 130 N 70 W 130 N 100 E 260, ——. Inlaid Floor Co to Val Franz & Son.....Feb. 19, 1917
Feb. 27, 1917—LOT 25 and N 8 Lot 24 Sbdvn Blks 30 and 31 Lands adjacent to Town of Encinal, Ala. Johanna A and Carlton L Eldridge to Alex C Wieben.....Feb. 21, 1917
Feb. 27, 1917—S SPRING and W line Lot 6 Map —— E 27 S 98.96 W 47.100 NW 98 being bet Linden and Market, Okd. P M Hansen to whom it may concern.....Feb. 26, 1917
Feb. 28, 1917—LOT 4 BLK "A" Triangle Park, Bkly. Blanch M Behlow to J S Hanson..... Feb. 21, 1917
Feb. 28, 1917—PTN LOT 170 all Lot 171 and Ptn Lots 179 and 180 Nova Piedmont, Piedmont. Mary L Patterson to J F Rogers ..Feb 26, 1917
Feb. 28, 1917—E LAKE SHORE AVE 1100 N Walla Vista Ave, Oakland. Mabel Woodard to E W Woodard ..... Feb. 28, 1917
Feb. 28, 1917—SW CALIFORNIA & Charles Ave or 28th St, Okd. Sam Souza to S A Isakson..Feb. 27, 1917
Mar. 1, 1917—E HILLEGASS AVE 520 S Webster S 120xS 37, Bkly. C W Vaughn to Richmond & Upper ....Feb 28, 1917
Mar. 1, 1917—LOT 7 BLK 8 Map Resubdivision Blk 8, that ptn Rock Ridge Terrace filed March 3 1911 Okd. Blake Bros Co to ..... I may concern. ..... May 1 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Feb. 19, 1917 CONGRESS AVE SE Courtland Ave 38-6x100 being No. 4810, Oakland Tracy E Cowan vs Mrs H A Raleigh. $28.20

Feb. 20, 1917—W SANTA CLARA AVE 2.11 N Crescent N 40.07 W 82.90 SE 40 NE 85.45, Okd. Rhodes-Jamieson & Co vs L W Andersen and C P Eagleston $76.50

Feb. 21, 1917—LOT 15 BLK "D" Sheet No. 1 Map Excelsior Heights, Okd. Hammond Lumber Co vs L W Anderson and Noah Adams.....$922

Feb. 21, 1917—N HILGARD AVE 90 E Euclid Ave E 35xN 100, Bkly. John O Adler vs Marie A Wright and Charles Lock.....$43

Feb. 21, 1917—PT LOTS 2 AND 3 Blk "U" Map Central Piedmont Tct No. 4, Okd. Melrose Lumber & Supply Co vs Gordon J and Eunice Wiser, Lina T Kieserdorf, Dean Allen and A W Jones.....$179.45

Feb. 23, 1917—W DANA 400 N Bancroft Way N 65-9xW 120, Bkly. Geo W Patton vs Mary A and Edward T Moore.....$1500

Feb. 23, 1917—LOT 21 BLK 3 Map Key Route Terrace No. 2, Albany. Melrose Lumber & Supply Co vs W P White and H A Brown.....$100

Feb. 24, 1917—S PTN LOT 15 BLK 24 Amended Map Fairmount Park, Albany. Sunset Hardware Co vs N P Bertheaud and E N Bertheaud..... $84.85

Feb. 27, 1917—E REGENT 394.25 S Webster S 44.01xE 75, Bkly. Wm Brown vs Georgia T and F W Thaxter $95.50

Feb. 27, 1917—E REGENT 394.25 S Webster E 75 fm pt beg S 44.09 E 48 N 44.16 W to pt beg, Bkly. Wm Brown vs Georgia T and F W Thaxter $17.50

Mar. 1, 1917—S FORTY-SECOND 327 W Market W 74xS 89, Okd. California Standard Planing Mill Co vs May E Richardson.....$204

Mar. 1, 1917—NW BROADWAY AND Ada N 60xW 100, Okd. Pacific Mfg Co vs T R More and J Neal...$189.35

Mar. 1, 1917—LOT 26 BLK "R" Moss Tract Amended Map being NE 83rd and Olive Aves, Okd. Chamberlain & Osgood vs C H Pepassi and Emma E Blome.....$17.70

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT

Feb. 24, 1917—LOT 95 Map Alta Piedmont Tract, Oakland Tp. Sunset Lumber Co, $1426.39; George F Otis and R A Dunann (Standard Fence Co), $20.80 to R E Stubbe...

Feb. 23, 1917—PTN LOT 8 Map Subdivision Kellersberger's Plot 72, Okd. Pacific Fuel & Bldg Materials Co to C M Charruau et al.....$23.65

Feb. 26, 1917—E FRANKLIN 477.3 N 14th N 180.3xE150, Okd. Sunset Lumber Co to William E Miller Estate Co $2162.86

REMOVAL NOTICE.

THE CONSTRUCTION & ENGINEERING Co. have moved to Room 11, 320 Market street. Their new telephone number is Sutter 4852.

SAN JOSE AND THE SANTA CLARA VALLEY.

SEWER CONSTRCTION — Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, City Engineer, Redwood City. Owners, Redwood City. At the last meeting of the City Trustees, City Engineer Dinmitt presented a report to the Trustees recommending the extensions of the present sewer in Lincoln avenue to Fulton street, and the lowering of the grade of the sewer in Fulton street to meet the proposed extensions. After a discussion of the needs of that section of the city the report was approved and in addition it was decided to install sewers in Evans and Hudson streets, from Vera to Roosevelt avenue. With this end in view, City Attorney Mansfield was instructed to prepare the necessary preliminary proceedings for the construction by public contract of an eight-inch sewer in Lincoln avenue and six-inch sewers in Evans and Hudson streets, between Vera and Roosevelt avenues.

HOSPITAL—3 story and base, frame and plaster, $35,000. South San Francisco, San Mateo Co., Cal. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owner, Dr. Dolly. Will cover an area of 53 by 90 feet and contain private rooms and wards. Plans are nearly complete and figures will be taken shortly.

OFFICE—1 story and base. Class C construction. Cost not stated. Redwood City, San Mateo Co., Cal. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. Will contain the company's offices. Plans being prepared.

RAILROAD SHOPS—3, 1 story, brick and steel. Cost not stated. Visatacion, San Mateo Co., Cal. Engineer, Chief Engineer, Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Bids will be opened this week for three large shop buildings, a round house, car shop and planing mill. Concrete foundations are now in.

BUILDING CONTRACTS

SAN MATEO COUNTY.

FRAME RESIDENCE

HILLSBOROUGH. All work for two-story frame residence.

Owner.....Dr. W. C. Chidester, 207 2d St., Hillsborough.

Architect ...Lewis P. Hobart, 1122 Crocker Bldg., S. F.

Contractor..W. C. Duncan & Co., Sharon Bldg., S. F.

Filed Feb. 26, '17. Dated Feb. 20, '17.

As work progresses..... 75%

Usual 35 days..... 25%

x TOTAL COST, $19,600

Bond, limit, forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

LOT 8 BLK 3 Sub No. 2 of Burlingame Park, Burlingame. All work except lighting fixtures, shades and finish hardware for two-story frame residence.

Owner.....Joseph M. Geary, 2581 Post, San Francisco.

Architect ...None.

Contractor..Thomas McCormick, 25 Gladys, San Francisco.

Filed Feb. 23, '17. Dated Feb. 15, '17.

When framed $865

Building brown coated..... 865

When completed 865

Usual 35 days..... 865

TOTAL COST, $3460

Bond, $1730. Sureties, A. H. Baker and William A. Dunne. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

LIENS FILED

SAN MATEO COUNTY.

RECORDED AMOUNT

Feb. 20, 1917—POPLAR AVE & ELM St., San Mateo. Arnold & Morey, H W Arnold and Joseph I Morey vs R R Sibley.....$1198.25

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED ACCEPTED

Feb. 20, 1917—LOT 13 BLK 3 McGarvey's Sbdvn of Lot 56 of the Reese Sub, Redwood City. Joseph F Weitzenbergr to whom it may concern.....Feb. 17, 1917

RELEASE OF LIENS

SAN MATEO COUNTY.

RECORDED AMOUNT

Feb. 25, 1917—LOTS 6, 7, 8, 9 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19 Blk 2, Robinson Sbdvn, Redwood City. Wm P Goss to L P Behrens.....$272

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED ACCEPTED

Feb. 19, 1917—MARTHA AND 11TH Sts., San Jose. C P Bailey & Sons Co to whom it may concern.....Feb. 19, 1917

MARIN, CONTRA COSTA AND SONOMA COUNTIES

RESIDENCE—1½ story and base, frame, $4,000. Benicia, Solano Co., Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mr. Mann. Location, Benicia. Will contain seven rrooms, bath and sleeping porch. Plans revised and new figures being taken.

RESIDENCE—1 and 2 story and base, frame and concrete, $50,000.. Mt. Diablo, Contra Costa Co., Cal. Architect, Louis C. Mulgardt, Chronicle Bldg., S. F. Owner, Ansel Easton. Location, Mt. Diablo Park. Will contain fifteen rooms, five baths and sleeping porches. Separate garage and other out buildings. Plans complete and figures being taken.

APARTMENT HOUSE—2 story and base, frame, $16,000. Richmond, Contra Costa Co., Cal. Architect, O. R. Thayer, 240 Montgomery street, S. F. Owner's name withheld. Will contain a total of 30 rooms arranged in suites of two and three rooms. Plans are being prepared.

LIGHTING SYSTEM—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Oners, City of Santa Rosa. Acting upon the recommendation of D'Arcy Ryan, lighting expert, the City Council has instructed the City Engineer to prepare the necessary plans for an electrolier lighting system to be constructed under Ryan's recommendations. The system will be installed in the follow-

ing streets. Main, Santa Rosa avenue, Mendocino avenue and Fifth street. Bids for the work will probably be called by the Council at its next meeting when plans will be presented for approval.

POWER PLANT—1 story and base, steel and reinforced concrete, $100,000. Crockett, Contra Costa Co., Cal. Engineer, P. W. Ham, 14 Sansome street, S. F. Owners, Great Western Power Co. Will cover an area of 60 by 120 feet. Plans are being prepared.

CHURCH COMPLETION—Frame, $5,000. Richmond, Contra Costa Co., Cal. Architect, F. W. Reid, Concord. Owners, First Christian Church. Location, Bissell avenue between 5th and 6th streets. Work will consist of interior trim, plumbing, plastering and electric work. Plans complete and work to be done by Day Labor.

CHURCH—1 and 2 story and base, reinforced concrete, $30,000. Pittsburg, Contra Costa Co., Cal. Architect, William Knowles, Hearst Bldg., S. F. Owners, First Congregational Church. Besides the main auditorium and Sunday school rooms plans provide for a gymnasium and social halls. Plans are being prepared.

HOSPITAL COTTAGES—2, 2 story, reinforced concrete, $55,000. Napa, Napa Co., Cal. Architect, State Architect George B. McDougall, Sacramento. Owners, State of California. Working drawings will not be made until an emergency appropriation has been made. Further mention will be made.

UNDERTAKING PARLOR—1 story, frame and plaster. Cost not stated. Santa Rosa, Sonoma Co., Cal. Architect, none. Owners, Welti Bros. Location, 4th and E streets. Plans complete and work to be done by Day Labor.

Contract Awarded.

HOTEL ADDITION—2 story, frame, $10,000. Benicia, Solano Co., Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Dr. H. C. White. Contractor, William Sampson, 3502 Grove street, Oakland. Contract price, $10,000.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME COTTAGE
WILSON AVE, bet Grand Blvd and Roosevelt, Richmond. One-story frame cottage.
Owner.....E. A. Preble, 936 Florida, Richmond.
Architect ...None.
Contractor..Geo. Lang, 446 17th St., Richmond. COST, $1750

COMPLETE CHURCH
BISSELL AVE bet. 5th and 6th Sts., Richmond. Complete church bldg.
Owner.....First Christian Church.
Architect ...F. W. Reid, Concord, Cal.
Day's work. COST, $5000

FRAME DWELLING
CARLSTON bet. Richmond & Silver Sts., Richmond. Frame dwelling.
Owner.....J. K. Adams, Standard Oil Co., Richmond.
Architect ...J. H. Thomas, 1st National Bank Bldg., Berkeley.
Contractor..Matt L. Roski, 35 Ramona Ave., Oakland.
COST, $1171

FRAME COTTAGE
NINETEENTH ST., bet Maine and Florida Sts., Richmond. Frame cottage.
Owner ...A. G. Jackson, [illegible] Richmond.
Architect ...None.
Contractor ...Conn Bro., [illegible] Richmond
COST, $1[illegible]

COMPLETION NOTICES

SONOMA COUNTY.

RECORDED ACCEPTED
Feb. 16, 1917—SANTA ROSA. Florence Smith to F E Cooper ...Feb. [illegible], 191[illegible]

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

GRADE CROSSINGS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. The Railroad Commission has authorized Fresno County to build a public highway crossing 80 feet wide at grade over the tracks of the Southern Pacific Railway Company, midway between the present crossing at Herndon and the present crossing about three miles southeast of Herndon, the crosing authorized is in connection with an 80-foot boulevard to extend from Westacres along the Herndon lands to Bullard, on the Santa Fe, and on to Clovis, connecting with Van Ness avenue, leading to Fresno.

TURLOCK, STANISLAUS CO., CAL.—Street paving, etc. Cost not stated. Engineer, City Engineer, Turlock. Owners, City of Turlock. The Trustees have instructed City Engineer Luyster to prepare plans and specifications for concrete paving and curbing on North First street, also for the improvement of the Geer road from North Front street to North Center street, and from the easterly line of Center to the city limits, with concrete paving 16 inches in width down the center of the street. The specifications used by the county on the proposed extension of Geer road are to be used in this work.

RESIDENCE — 1 story and base, frame, $2,0000. Fresno, Fresno Co., Cal. Architect, none. Owner, Jasper Hart, 910 R street, Fresno. Location, Arlington Heights. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

CHURCH—1 story and base, frame. Cost not stated. Reedley, Fresno Co., Cal. Architect, Henry Starbuck, Fresno. Owners, Baptist Church. Location, 11th and E streets. Will contain main auditorium and Sunday school rooms. Plans complete and work to be done by Day Labor.

COURT HOUSE ADDITION—4 story and base. Class C construction. $35,000. Fresno, Fresno Co., Cal. Architects, Coates & Travers, Rowell Bldg., Fresno. Owners, Fresno County. Preliminary plans for an addition to the present building have been prepared. These plans are now up to the Board of Supervisors for approval. Further mention will be made of the work.

PACKING PLANT—1 and 2 story and base, reinforced concrete, brick and steel, $150,000. Calwa, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Universal Packing Co. Building will cover an area of 120 by 200 feet. Plans are being prepared. Further mention will be made of the work.

[illegible] and base, brick, [illegible] Bakersfield, Kern Co., [illegible] Thomas E. Wiseman [illegible] H. Biggar, Morgan Bldg., [illegible], City of Bakersfield. Bids will be opened on March [illegible] for a four class room building [illegible] and kindergarten [illegible] be secured from the architect.

[illegible] story and base. Class C [illegible] Cost not stated. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Brower Bldg., Bakersfield. [illegible] City of Bakersfield. Bids will be opened on March 15th for a building containing several class rooms and an auditorium, and also for alterations to the Washington School. Plans can be secured from the architect.

HIGH SCHOOL -GROUP—1 and 2 story, brick or hollow tile. Cost not stated. Merced, Merced Co., Cal. Architects, Allison & Allison, Hibernia Bldg., Los Angeles. Owners, Merced Union High School District. Plans are complete and bids will be opened on March 17th at 2 p. m. Bids are to be submitted as follows: For furnishing all labor and material for erecting and completing new high school buildings. Bids will be received for the different parts of the work as follows: For general contract as per bid No. 1, bid No. 2 and bid No. 3, with alternate bids A. B. C. D. E. F. G. and H(see specifications). For plumbing, gas fitting and sewering as per bid No. 1, with alternate bids A and B (see specifications). For heating and ventilating as per bid No. 1, with alternate bids A and B (see specifications). For program clock and bell system as per bid No. 1, with alternate bid A.

SCHOOL—1 and 2 story and base, brick, hollow tile or concrete, $65,000. Turlock, Stanislaus Co., Cal. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owners, City of Turlock. The building will contain 24 class rooms and an auditorium. Preliminary plans have been approved. Further mention will be made of the work.

STREET IMPROVEMENT—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids will be opened on March 12th for street improvements authorized under the following resolution: That the alley through block 423D be graded, and sub-base tamped, and that asphalt concrete pavement with sheet asphalt wearing surface, cement concrete curbs and gutters be constructed.

LAYING PIPE—Cost not stated. Porterville, Tulare Co., Cal. Engineer, Stephen A. Kieffer, Mechanics' Institute Bldg., S. F. Owners, Lindsay-Strathmore Irrigation District. Contractor, J. A. Ulmer, Porterville. Laying 100 miles of steel pipe. Contract price not stated.

MARKET—1 story and base, brick, $65,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owner, Louis Gundelfinger. Location, Van Ness avenue, covering an area of 100 by 150 feet. Plans are being prepared.

STORES—1 story and base, brick. Cost not stated. Oakdale, Stanislaus Co., Cal. Architect, none. Owners, [illegible] leased to S. Axelson & Sons. Location, F and Third avenue, [illegible] by 50 feet. Plans [illegible] and work to be done by Day Labor.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
LOTS 25 AND 26 BLK 21, Arlington Heights, Fresno. Dwelling and garage.
Owner.....Jasper Hart, 910 R St., Fresno.
Architect...None.
Day's work. COST, $2000

DWELLING
LOT 4 BLK 21, Alta Vista Tct, Fresno. Dwelling and garage.
Owner.....F. F. Schenck.
Architect...None.
Contractor..W. H. Ackerman, 3rd and Huntington St., Fresno.
COST, $1600

DWELLING
LOTS 26 AND 27 BLK 3 Buena Vista Addition, Fresno. Dwelling.
Owner.....Paul Bourzac, 546 McKinley St., Fresno.
Architect...None.
Contractor..Gus Hegguist, 650 Jensen St., Fresno.
COST, $2000

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
Feb. 28, 1917—LOTS 16 AND 17 BLK 3, Maywood, Fresno. Emery Welton to whom it may concern. Feb. 27, 1917
Feb. 26, 1917—SEC 35-19-15, Oil Well No. 25, Fresno. Kern Trading & Oil Co to whom it may concern...
Feb. 19, 1917—LOTS 18 TO 21 BLK 6 Whitson Addition, Selma. Wade H Griffen to whom it may concern.....Feb. 8, 1917

LIENS FILED

FRESNO COUNTY.

RECORDED AMOUNT
Feb. 27, 1917—SE ¼ SEC 3, 12-23, Fresno. J L Toennies vs Copper King Mine $56

NOTICE OF NON-LIABILITY.

FRESNO COUNTY.

Jan. 27, 1917— BLK 115, Fresno.. E F Lacour as to improvements on leased property .....

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

CLUB HOUSE—1 and 2 story, frame, $20,000. Colusa, Colusa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa Clampers. Will contain social halls, banquet rooms and office. Preliminary sketches being prepared.

SCHOOL—2 story and base, brick and concrete. Cost not stated. Colusa, Colusa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Colusa School District. Will contain 16 class rooms, auditorium and offices. Plans complete and figures to be opened on March 21st at 2 p. m. Separate bids being taken for general construction, plumbing, heating and ventilating, roofing, program clocks, vacuum cleaning, window shades and cork flooring.

STREET PAVING, ETC.—Cost not stated. Auburn, Placer Co., Cal.—Engineer, City Engineer, Auburn Owners, City of Auburn. The City Trustees have passed a resolution of intention to do the following street work in Auburn: That portions of Railroad avenue, High, street, Broad street, East street, Main street, Nevada street, Court street and Commercial street, be improved by grading, paving with a 5-inch cement concrete base and a 3-inch asphaltic oil wearing surface, corrugated iron culverts, concrete culverts, concrete catchbasins and cement concrete curbs, etc., be constructed. Bids will be called for shortly.

STREET PAVING—Cost not stated. Redding, Shasta Co., Cal. Engineer, City Engineer, Redding. Owners, City of Redding. The City Trustees are planning to build an asphalt strip 20-feet wide to connect with the State Highway at the north and south approaches to the city.

STREET IMPROVEMENTS—Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. The City Commissioners have awarded contracts for street and sewer work to F. E. Frey, 2526 Q street, Sacramento, as follows:

That 38th street, from I street to J street, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer from the north line of J street to the center line of I street; constructing one concrete manhole, placing eghteen 6-inch, vitrified, ironstone Y branches an 8-inch, vitrified, ironstone pipe sewer, and backfilling the trench.

That the alley first south of Park avenue in J. Landers Addition "C," etc., be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; four concrete manholes; placing 62 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer; placing one 6-inch, vitrified, ironstone flusher branch complete, and backfilling the trenches.

That the easement granted to the city of Sacramento for the purpose of constructing therein a sewer in block 3, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8-inch, vitrified, ironstone pipe sewers; two concrete manholes; one 6-inch, vitrified, ironstone flusher branch; placing thirteen 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer; placing 6-inch, vitrified, ironstone Y branches on 6-inch pipe sewer, and backfilling the trenches.

That the alley between Allen avenue and U street, in the city of Sacramento, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer from the center line of the alley on the west side of lot No. 37 in T Street Addition to a point two feet west from the west line of 34th street, constructing two concrete manholes complete, with cast iron curbs and covers; placing 28 6-inch, vitrified, ironstone Y branches on 8-inch sewer, and backfilling the trench.

That Terrace avenue, from 22nd avenue, and the alley west of Terrace avenue in Bonita Terrace, be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer, three concrete manholes, one 6-inch, vitrified, ironstone flusher branch complete; placing 38 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the alley between Sylvan Way and Channing Way in Wright & Kimbrough Subdivision No. 20 be improved by excavating a trench and constructing therein an 8-inch, vitrified, ironstone pipe sewer; one concrete manhole; one 6-inch, vitrified, ironstone flusher branch complete; placing 32 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

That the easement granted to the city of Sacramento for the purpose of constructing therein sewers in block 4, Boxler Tract, be improved by excavating a trench and constructing therein 6 and 8-inch, vitrified, ironstone pipe sewers; two concrete manholes; eleven 6-inch, vitrified, ironstone Y branches on 6-inch, vitrified, ironstone pipe sewer; placing two 6-inch, vitrified, ironstone Y branches on 8-inch, vitrified, ironstone pipe sewer, backfillng the trench.

That the alley between Sylvan Way and Bancroft Way, in Wright & Kimbrough Subdivision No. 19, be improved by constructing therein an 8-inch, vitrified, ironstone pipe sewer; one concrete manhole complete with flusher branch complete; placing 29 6-inch, vitrified, ironstone Y branches on 8-inch pipe sewer, and backfilling the trench.

STREET PAVING—Cost as follows. Marysville, Yuba Co., Cal. Engineer, City Engineer, Marysville. Owners, City of Marysville. Four bids were received by the City Council for the paving work to be undertaken by the city. Bids were received from the Federal Construction Co., Sharon Bldg., S. F., who were awarded the contract; and from Tiechert & Ambrose, Sacramento; McGillivary Construction Co., Sacramento; and Clark & Henery Co., Sacramento. The bid of the Federal Co. was 14.98 cents per square foot.

RESIDENCES—2, 1 story and base, frame. Cost not stated. Eureka, Humboldt Co., Cal. Architect, Newton Ackerrman, Eureka. Owner, Dr. T. B. Callaghan. Each house will contain five rooms, bath and sleeping porch. Plans are being prepared.

RESIDENCES—3, 1 story and base, frame, $3,000 each. Sacramento, Cal. Architect, none. Owner, W. D. McKoy, 3029 E street, Sacramento. Location, 31st street and 4th avenue. Each house will contain six rooms, bath and sleeping porch. Separate garages. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, concrete. Cost not stated. Tracy, San Joaquin Co., Cal. Architect, none. Owner, M. A. Buck, Tracy. Location, 9th and A streets. Will contain ten suites of two and three rooms. Plans are being prepared.

GARAGE—1 story and base, brick, $2,200. Sacramento, Cal. Architect, none. Owners, Pacific Gas and Electric Co. Will cover an area of 80 by 40 by 22 feet. Plans complete and work to be done by Day Labor.

FLATS—2 story and base, frame, $5,000. Sacramento, Cal. Architect, none. Owner, Joseph Edenhofer, 3011 Cypress street, Sacramento. Location, 2000 F street. Will contain four flats of four

rooms each. Plans complete and work to be done by Day Labor.

GARAGE AND AUTO SALES ROOMS—1 story and base, reinforced concrete, $10,000. Chico, Butte Co. Cal. Architect, Chester Cole, Chico. Owners, S. H. Chalmers and A. A. Fanno. Will cover an area of 40 by 120 feet. Plans complete and work to be done by Day Labor.

STREET PAVING. Cost not stated. Marysville, Yuba Co., Cal. Engineer, City Engineer, Marysville. Owners, City of Marysville. On the ground that the prices demanded for paving work in the last district to be laid out by the City Council were excessive, all bids received at its last meeting were rejected. The lowest bidder for the work was the Federal Construction Company.

GARAGE—1 story, frame. Cost not stated. Yuba City, Sutter Co., Cal. Architect, none. Owner, T. Dowell, Yuba City. Location, Keyser and Second streets, covering an area of 45 by 90 feet. Plans complete and work to be done by Day Labor.

COUNTRY CLUB—1 story, frame, $4,000. Lincoln, Placer Co., Cal. Architect, Allen D. Fellows, East Auburn. Owners, Mt. Pleasant Country Club. Location, Mt. Pleasant District. Will contain social rooms, dining room and kitchen. Plans are being prepared and work will be done by Day Labor.

LODGE HALL—1 story and base, Class A construction, $30,000. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Hall Association. Location, 12th and J streets. Bids for the structural steel show Palm Iron Works, Sacramento, low on the steel work at $65,147, and Ross Construction Co., Sacramento, low on the reinforced concrete piles at $6,590. These bids have been referred to the Building Committee and action will be taken at the March meeting, when bids on the balance of the work will be called.

HOTEL—3 story and base, brick. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Mrs. A. Rothenbush. Location, northwest Eldorado and Channel streets, covering an area of 36 by 101 feet. Will contain stores on the first floor and a number of single rooms above. Plans being prepared.

HOTEL ANNEX—2 story, frame. Cost not stated. Eureka, Humboldt Co., Cal. Architect, Newton Ackerman, Eureka. Owners, Fior D' Italia Hotel Co. Location, Second street, covering an area of 30 by 110 feet. Plans are being prepared.

LUMBER ROAD—Cost not stated. Lamoine, Shasta Co., Cal. Engineer, none. Owners, Lamoine Lumber and Trading Co., Lamoine. The Lamoine Lumber and Trading Co., will build eight miles of narrow gauge railroad this season to open up a new belt of timber. The railroad will parallel the Delta-Trinity Center Toll road a good part of the way. Old railroad tracks will be taken up and laid anew.

SCHOOL GYMNASIUM—2 story, frame, $15,000. Auburn, Placer Co., Cal. Architect, Allen D. Fellows, East Auburn. Owners, Placer County High School. Will contain separate gymnasium for girls and boys. Plans include steam heat. Plans are being prepared.

STORES AND APARTMENTS—2 story and base, concrete, $6,000. Lathrop, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, C. A. Miller. Will contain stores and a garage on the first floor and a number of living apartments above. Plans are being prepared.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

DWELLING
MILLER AVE., Sacramento. Dwelling
Owner..... T. D. Bernner, 320 F St. Sacramento.
Architect ...None.
Contractor..Thos. B. Hunt, 2926 S St., Sacramento.
COST, $[illegible]

GARAGE
SACRAMENTO. All work for one-story frame and brick garage.
Owner.....Pacific Gas & Electric Co., 1100 K St., Sacramento.
Architect ...None.
Day's work. COST, $2200

FRAME FLATS
NO. 2060 F ST. Sacramento. All work for (4) flat frame building.
Owner.....Joseph Edenhofer, 3011 Cypress St., Sacramento.
Architect ...None.
Contractor..Joseph Edenhofer, 3011 Cypress St., Sacramento.
COST, $4800

FRAME DWELLING
NO. 416 THIRTY-FIRST ST., Sacramento. All work for one-story frame dwelling.
Owner.....W. D. McKoy, 3029 E St., Sacramento.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
LOT 179 OLD 4TH AVE, West Curtis Oaks, Sacramento. All work for two-story frame dwelling.
Owner.....W. D. McKoy, 3029 E St., Sacramento.
Architect ...None.
Day's work. COST, $3000

FRAME DWELLING
NO. 420 THIRTY-FIRST ST., Sacramento. One-story frame dwelling.
Owner.....W. D. McKoy, 3029 E St., Sacramento.
Architect ...None.
Day's work. COST, $2500

ALTERATIONS
NO. 1101 L ST., Sacramento. Remodel and repair dwelling.
Owner.....A. P. Scheld, Premises.
Architect ...None.
Contractor..W. T. Murcell, 27 Ochsner Bldg., San Francisco.
COST, $[illegible]

COMPLETION NOTICES

SACRAMENTO COUNTY.

[illegible]

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

FRAME BUILDING
JACKSON'S ADDITION, Stockton. Frame building.
Owner.....Rochmond & Hopper.
Architect ...None.
Day's work. COST, $1500

REMODEL
SAN JOAQUIN AND ACACIA STS., Stockton. Remodel frame dwelling.
Owner..... J. M. Kroyer, 341 N-San Joaquin St., Stockton.
Architect ...None.
Day's work. COST, $500

BANK AND OFFICE BLDG.
LOTS 9 AND 11 BLK 38 E Stockton. Steel counter work, cage partition work and special desks, filing cases, and other furniture for 9-story Class "A" bank and office building.
Owner.....Farmers' & Merchants' Bank, Cor. San Joaquin & Main Sts., Stockton.
Architect ...Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor..M. G. West & Co., 353 Market, San Francisco.
Filed Feb. 26, '17. Dated Feb. 7, '17.
Materials, etc., delivered..... 50%
Materials installed 25%
Usual 35 days.....Balance
TOTAL COST, $11,432.39
Bond, $5,716.20. Surety, Royal Indemnity Co. Limit, 15 days after notice. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
WORTH ST., bet. Eldorado and Hunter Sts., Stockton. All work for one-story frame bungalow.
Owner.....Max Cohen, 219 S-Sutter St., Stockton.
Architect...R. P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor..L. S. Peletz, 428 E-Fremont St., Stockton.
Filed Mar. 1, '17. Dated Feb. 27, '17.
[illegible]
TOTAL COST, $3300
[illegible]

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LOS ANGELES AND SOUTHERN CALIFORNIA.

HIGHWAY CONSTRUCTION — Cost not stated. Riverside County Supervisors, Riverside, Cal. Engineer County Surveyor, Riverside, Cal. Owner, Riverside County. The County Supervisors have adopted plans and specifications for the Second Road permanent Road District and bids have been ordered received up to March 24th. Plans and further information may be had from the County Clerk.

HYDRO-ELECTRIC PLANT — Cost not stated. Fallon, Nevada. Engineer's name not given. Owners, Nevada Valleys Power Co. The Nevada Valleys Power Co., Fallon, Nev., plans completed for the construction of a hydro-electric plant which will be erected at Vista, Nevada, on the Truckee River, as soon as the snow goes off. Plans show a one-story, reinforced concrete building and equipment for generating 2,-100 horsepower.

LODGE HALL—2 story and base, brick, $40,000. Hollywood, Los Angeles Co., Cal. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owners, Hollywood Masonic Temple Association. Location, 1737 North Highland avenue, covering an area of 50 by 150 feet. Plans complete and figures being taken.

LIBRARY—3 story and base, brick and concrete, $250,000. Pasadena, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, City of Pasadena. Location, Library Park, covering an area of 115 by 175 feet. Preliminary plans only have been prepared.

SCHOOL GROUP—1 and 2 story and base, fireproof, $250,000. Santa Barbara, Santa Barbara Co., Cal. Architect, John J. Donovan, Dalziel Bldg., Oakland. Owners, City of Santa Barbara. Only preliminary studies have been made of this work and a description cannot be given at this time. Further mention will be made of the work.

Contract Awarded.

RESIDENCE—2 story and base, hollow tile, $40,000. Pasadena, Los Angeles Co., Cal. Architect, none. Owner, Simon J. Murphy, Jr. Contractors, Grable & Austin, 17 South Raymond avenue, Pasadena. Contract price, $40,-000.

STREET PAVING, ETC.—$10,377.41. Riverside, Riverside Co., Cal. Engineer, City Engineer, Riverside. Owners, City of Riverside. Contractors, Johnson-Shea Co., Riverside. Contract price, $10,377.41.

GARAGE AND SALES ROOMS — 1 story and base. Class C construction, $50,695. Los Angeles, Cal. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, R. W. George. Contractors, Pozzo Construction Co., 321 Macy street, L. A. Contract price, $50,695.

PORTLAND AND OREGON.

FACTORY—3 story and base, mill construction, $20,000. Portland, Ore. Architect, E. B. MacNaughton, Concord Bldg., Portland. Owners, Great Northern Casket Co. Location, Macadam road and Virginia street. Plans are being prepared.

LODGE HALL—2 story and base, brick, $25,000. Bend, Ore. Architect, E. H. Keene, Pond Bldg., Portland. Owners, Masonic Temple Association. Will cover an area of 50 by 140 feet. Plans are being prepared.

LODGE HALL AND STORES—3 story and base, brick, $40,000. Portland, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Moose Lodge. Location, 4th and Taylor Sts., covering an area of 68 by 100 feet. Will contain stores on the first floor and lodge rooms above. Plans complete and figures being taken.

RAILROAD CONSTRUCTION — Cost not stated. Klamath Falls, Ore. Engineer's name not given. Owners, Klamath Falls. Bonds amounting to $300,-000 have been sold by the city of Klamath Falls, the proceeds of which will be used in the construction of the city's share, 17 miles, of the proposed Strahorn project, which will connect Klamath Falls with towns to the south.

SCHOOL—2 story and base, reinforced concrete, $60,000. Portland, Ore. Architect, F. A. Narramore, Portland. Owners, City of Portland. Will be known as the Hoffman School and contain six class rooms, assembly hall, two playrooms and offices. Plans complete and figures being taken.

FACTORY—4 and 6 story, mill construction. Cost not stated. Portland, Ore. Architect, A. M. Lamm, Henry Bldg., Portland. Owners, Rasmussen & Co. Location, Sullivan's Gulch. The six-story building will cover an area of 100 by 130 feet and the four-story 30 by 100 feet. Plans complete and figures being taken.

Contract Awarded.

FACTORY—3 story and base, mill construction. Cost not stated. Astoria, Ore. Architect, E. N. Larry Co., Astoria. Owners, Astoria Soap Co. Contractors, Victoria Westerlund, Astoria. Contract price not stated.

TUNNEL LINING—$75,000 and $35,-000. Portland, Ore. Engineer"s name not given. Owners, Spokane-Portland and Seattle Railroad Co., and Spokane Inland Empire Railroad Co. Contractors, Porter Bros., Portland. Contract prices, $75,000 and $35,000.

SEATTLE AND WASHINGTON.

WAREHOUSE AND DOCK—$350,000. Seattle, Wash. Engineer, Chief Engineer, Portland. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, J. A. McEachern Co., Bell Street Dock, Seattle. Contract price, $350,000.

APARTMENT HOUSE—3 story and base, brick, $40,000. Bremerton, Wash. Architect, A. L. Haley, Peoples Bank Bldg., Seattle. Owner's name not given. Location, Navy Yard, covering an area of 58 by 85 feet. Will contain 18 suites of two, three and four rooms. Plans being prepared.

HIGHWAY IMPROVEMENTS — Cost as follows. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. Erickson, Anderson & Kicker, 1002 North Ainsworth avenue, Tacoma, Wash., submitted the lowest bid to the County Commissioners for the paving with one course concrete on Permanent Highway No. 1, their bid being $24,918.36. It is probable that they will be awarded the contract.

FLOUR MILL—6 story and base, reinforced concrete, $150,000. Tacoma, Wash. Architect, none. Owners, Keystone Cereal Co., Tacoma. Will cover an area of 60 by 140 feet. Plans complete and figures being taken by E. O. Fitzpatrick, 2311 Jefferson street, Tacoma.

HIGHWAY CONSTRUCTION—Cost as follows. Seattle, Wash. Engineer, County Surveyor, Seattle. Owners, King County. Bids opened by the King County Commissioners for the paving of Permanent Highway No. 3D between Duwamish and Renton Junction show the Washington Paving Co., Smith Bldg., Seattle, low bidders on all of the nine propositions up for consideration. As the bids were taken on several propositions it is not possible to give the contract price. The cost will be between $65,000 and $128,000 according to character of material selected.

SCHOOL ADDITION—1 story and base, brick, $80,000. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. This addition will be made to the Latona Grade School and will contain twelve class rooms and an assembly hall. Plans are being prepared.

Contract Awarded.

GARAGE AND SALES ROOMS — 2 story and base, reinforced concrete, $75,000. Seattle, Wash. Architect, none. Owners, Puget Sound Dredging and Bridge Works, Seattle. Contractor, J. T. Hefferman, Seattle. Contract price, $75,000.

VALUE OF SLASH PINE LITTLE KNOWN.

A comparatively little known but valuable tree most often called slash pine is fast replacing longleaf pine in many sections of the south, says the Forest Service. In some respects this tree is considered a better tree than longleaf. Its growth, according to the foresters, is more rapid and its yield of turpentine larger, while the wood is said to be the heaviest, hardest, and strongest coniferous wood grown in the country.

The term, "slash pine," it is explained, is popularly applied to several southern pines, notably the loblolly, with which the true slash pine is often confused because of its close resembalance. The slash pine is also sometimes called "Cuban," "swamp," or "she" pine.

The chief causes for the rapid spread of the tree are its frequent and abundant seed production, very rapid growth, ability to endure the shade of other trees, and its capacity to adapt itself to a wide range of environment. The fact that it can withstand the combination of forest fires and razor-back hogs is also considered of importance by the foresters, who say that the tree is destined to play an important part in the future of the cut-over lands of the South. As an example of the high money returns obtained by turpentining the tree, it is stated that in one instance in South Carolina a twenty-year-old stand of slash pine averaged 520 trees per acre, each of which had one cup. The turpentine operator paid the owner ten cents a cup, or a total of $52 per acre, for the privilege of tapping the trees.

After a rest of from three to five years the trees should be in good condition for back-cupping and should produce even larger financial returns. By using the improved methods of turpentining advocated by the Forest Service, the foresters say that such a stand could be turpentined for a longer period of years instead of the three or four years under the crude methods now generally employed.

It is pointed out that the yellow pine lands of the South furnish by far the bulk of the naval stores of the world and that the supply is steadily decreas-

ing as these lands are denuded of their timber and no provision made for their restocking. Because such high returns are possible from slash pine, the experts believe that the tree should be encouraged to come in on the cut-over land of the South with a view to perpetuating the naval stores industry.

City Bids Opened.

Busy Session of the Board of Public Works Held Wednesday When Bids For Fairmount School are Opened.

Bids were opened yesterday by the San Francisco Board of Public Works for the general construction, brick and hollow tile work, electric work, heating and ventilating and plumbing on the Fairmount School. The building was designed by Architect John Reid Jr., First National Bank Bldg., and will be a two-story and basement brick and frame building containing 24 class rooms and an auditorium. Elmer Carlson, 209 Prospect street, presented the low bid for the general construction at $84,355. A. W. Lawson, 185 Stevenson street, on the brick and hollow tile work; Mutual Electric Co., on the electric work; J. E. O'Mara, 445 Minna street, on the heating and ventilating and Alexander Coleman, 706 Ellis street, on the plumbing. No awards were made.

Bids were also received at the same meeting for furnishing vitrified brick for street paving. The only bid received was that of the California Brick Co., 110 Jessie street, at $25.00 and $22.50 per thousand. A complete list of the bids follow:

General Construction, Fairmont School

Elmer Carlson (low)	$84,355
Masow & Morrison	91,647
J. S. Hannah	89,997
E. S. Mulford	89,300
E. E. Etherton (void)	97,856
Petterson & Persson (void)	97,565
C. L. Wold Co.	92,195
Grace & Bernieri	93,900
P. F. Riley	94,580
F. L. Hansen	87,770
O. Monson	93,886
Chas. Wright	87,729
H. S. Williams	106,437
Caldwell & Co.	87,482
Anderson & Ringrose	95,473
G. W. Newsom	89,500
P. F. Lynch	97,674

Brick and Hollow Tile.

A. W. Lawson (low)	$10,889
Farrell & Reed (void)	14,200
Thos. J. Campbell	14,552
White & Gloor	13,189
C. L. Wold	14,900
E. S. Mulford	12,979
R. Ringrose	11,760

Heating and Ventilating.

J. E. O'Mara (low)	$ 7,988
Wittman-Lyman Co.	8,244
Altas Heating & Ventilating Co.	9,600
R. Dalziel	9,217
Burnham Plumbing Co.	8,259
J. H. Pinkerton	10,360
Turner Co.	9,240
Scott Co.	8,380

Plumbing.

Alex. Coleman (low)	$15,162
J. M. Lettich	16,700
Wittman-Lyman Co.	16,440
F. W. Snook & Son	15,690
H. Lawson	15,580
J. E. O'Mara	16,385
R. Dalziel Jr.	16,400
Kiernan & O'Brien	15,450
Burnham Plumbing Co.	15,000
J. H. Pinkerton	15,441
Scott Co.	15,000
Turner Co.	15,000
W. F. Wilson	15,411

Electrical Work.

	Bid 1	Bid 2
Mutual Elec. Co. (low)	$ 9,000	$ 9,000
Globe Elec. Co. (void)	10,000	10,000
Asher Elec. Co.	10,875	10,400
Turner Co.	9,480	9,315
F. E. Newberry Elec. Co.	10,356	10,000
Rex Elec. Co.	8,200	7,800

FREE PLANS FOR FARM BUILDINGS OBTAINED FROM THE UNIVERSITY.

Hereafter any farmer who has farm buildings to build can obtain typical plans of such structures from the University of California, without cost.

Through this free distribution of typical plans for farm structures, the farmers of California will be able to make use of the best modern ideas of architects, engineers, and agricultural experts as to how to design farm structures so as to get the best possible returns in the way of service, sanitation, and satisfaction.

For a year and a half the problem of preparing plans for farm structures especially suitable to California conditions has engaged the attention of the Division of Agricultural Engineering of the College of Agriculture. Now plans are ready for free distribution for dairy, hay, and utility barns; milk-houses, hog-houses, and chicken-houses; silos, septic tanks, feeding appliances, and various other farm structures.

Any farmer who is planning any building work on his farm should write to the Agricultural Extension Division, at Berkeley, and ask for a complete list of available plans and how he can borrow, them.

The importance to the prosperity of California of this very practical new activity of the University is shown by the fact that ten million dollars is spent every year by the farmers of California on farm structures, and yet extremely few California farmers have in the past had the advantage of architectural and egineering advice from experts in farm architecture and farm engineering.

CONSTRUCTION WORK ABROAD

CANADA.

[Vice Consul R. M. Newcomer, Victoria, British Columbia.]

Estimate to Complete Victoria Harbor Work.

In the estimates submitted by the finance minister of the Dominion Government at Ottawa, $1,000,000 was voted to Victoria for the purpose of completing harbor works by the harbor and river committee. Toronto, St. John, and Quebec secured equal amounts of $1,000,000. Port Arthur and Fort William secured $750,000 each.

General harbor and river works in British Columbia include the following: Fraser River (lower), improvement, $20,000; harbor and rivers, generally, repairs and improvements, $75,000; Holberg, repairs to wharf, $3,300; James Island, repairs to wharf, $750; Metchosin, repairs to wharf, $1,500; Prince Rupert quarantine station, repairs to wharf, $1,500; Quatsino, repairs to wharf, $1,200; Steveston, repairs to wharf, $4,200; Victoria Inner harbor, repairs to wharf, $2,100; William Head Quarantine Station, improvements and repairs, $3,500.

The total estimates provide for an expenditure of $263,472,765, as compared with $271,015,545 voted last year.

ECUADOR.

[Consular Agent Charles A. Mahaffey, Guayaquil.]

Railway Extensions.

The [illegible] cubic feet of rock and earth having been removed. [illegible] rails, of which more than a mile is done, about 200 workmen being employed.

The bridge over the Chanchan River is completed, and the distribution of materials will now be made direct from the Guayaquil & Quito Railway. Also several lime kilns have been erected.

About 4 miles of roadbed are graded on the Quito-Esmeraldas Line, in which four culverts and four tunnels are included. The work is being extended through Oyacoto Valley toward Cachaya and Tambillo, [illegible] per cent not being exceeded. More than 400 laborers are at work, and the number is to be increased to 1,000. A brief time only is necessary to grade the road to Quebrada de Chiche.

Arrangements are being made to divert all the locomotives on the Guayaquil-Quito Line, except two, from coal to oil-burning, owing to the difficulty of securing coal. A test has shown the great economy which will follow the change.

Owing to financial difficulties, the Ecuadorian Government has assumed control of the Manta-Portoviejo Line, and is now operating it.

HONDURAS.

[Consular Agent Charles A. Mahaffey, Amapala.]

Electric Light and Power Plant for Cholutecа.

A company has recently received [illegible] the construction of Choluteca, Honduras, [illegible] operation of an electric light and power plant.

Arrangements have been made for lighting the public streets of the city, [illegible] to furnish light and power for residential and industrial purposes.

Orders for the necessary machinery and equipment for the plant, which will have a 50-kilowatt direct-current generator [illegible], and the installation will be completed by [illegible].

[illegible] Bureau of Foreign and Domestic Commerce, Customhouse, San Francisco.]

FIRST NATIONAL FOREST ROAD UNDER FEDERAL AID ACT.

[illegible] the Federal Aid Road Act. This sec-

tion is the only one in the law which provides for actual construction of roads by the Federal Government. Roads built under authority of this part of the law are designed primarily to promote economic development and to serve public convenience in localities where much of the land is in National Forests. The proposed road on which action is taken is in the Apache National Forest, Greenlee County, Arizona.

The preliminary estimate of the cost of construction of the 21 miles of road to be surveyed is $342,500. Greenlee County proposes to hold a bond election to raise the necessary funds to contribute fifty per cent of this amount. An additional 29 miles of road in Apache County will be necessary to complete the project, and, according to the preliminary estimate, will bring the total cost to $420,000.

Approval of the plans for the survey was based upon the industrial resources which will be opened up and also upon the offer of one-half cooperation by the county. The construction of the road will make possible a north-and-south trunk-line through a region now inaccessible and will connect with existing east-and-west State highways. In addition it will, it is stated, make possible the sale of large bodies of timber for the use of copper mines in southern Arizona, and will afford means of travel for settlers besides cheapening the cost of protecting and administering the National Forest. The development of water power in the region will be assisted, and a beautiful recreation area will be opened up for tourist travel and for the residents of the desert cities during the summer months

In each case, under the terms of the law, the road funds must be derived partly from local sources, and the amount expendable in any county by the Government is limited to ten per cent of the estimated value of the timber and forage resources of the National Forests in that county.

Several other projects for which cooperation has been offered are pending for roads in California, Montana, and Idaho. Where two projects have equal claim for consideration, the decision will, it is stated, be made in favor of the one for whch the best offer of cooperation is made.

THE CHICAGO TRIBUNE AGAIN GOES ASTRAY.

The poor old Chicago Tribune has a hard time understanding California affairs. Woefully it regards this State as the blacksheep of the Union.

So severely has California ruffled its serenity that when she dared cast her vote for Wilson, The Tribune called California "the boob State."

Its latest outburst is occasioned by the declaration of the Los Angeles Times that bills have been introduced in the present Legislature calling for the appointment of twenty-seven Commissions, whose cost would be $2,000,000 a year.

As Governor Johnson has pointed out in a statement published in last evening's Bee, neither the State nor his administration is in any way responsible for the mere introduction of bills in the Legislature, which can be trusted to weed out whatever may be found without merit or needless.

The rules of all Legislatures are burdened with a large number of worthless or extravagant measures, and the same is true of Congress. California is simply no exception in this respect.

It is unnecessary to repeat the Tribune's caustic comments, save to point out that anyone desiring correct information about California legislative affairs never turns to the Los Angeles Times to secure it.

The Chicago journal's ignorance is so deep that any of its comments founded upon it are not worth reading, let alone answering.

UNITED STATES CIVIL SERVICE EXAMINATION.

MECHANICAL ENGINEER (MALE), $3,500-$4,000.

MARCH 27, 1917.

The United States Civil Service Commission announces an open competitive examination for mechanical engineer, for men only. A vacancy at the Springfield Armory, Springfield, Mass., at $3,500 to $4,000 a year, and future vacancies requiring similar qualifications will be filled from this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C.; or the secretary of the United States Civil Service Board, Post Office, San Francisco, Cal. Applications should be properly executed, excluding the medical and county officer's certificates, and must be filed with the Commission at Washington prior to the hour of closing business on March 27, 1917.

Issued February 23, 1917

REDUCING HIGH COST OF LIVING HELPED BY HOME INDUSTRY LEAGUE BULLETIN.

With everyone in the State of California vitally effective by the soaring "High Cost of Living" these days, the Home Industry League of California is out with a "Bulletin" telling the people of the State how each can materially reduce the living cost of his or her respective family, and, at the same time, add a larger variety to the household larder

Stated in a single sentence, the Home Industry League invites the attention of housewives to the fact that high-priced potatoes and onions and beans—the retail prices of which, during the past month, has placed these commodities in the "millionaire's menu" only—can be replaced, cheaply and pleasantly, bp the purchase of "RICE—California rice."

Speaking of the "H. C. L." situation today, Executive Secretary Charles R. Thorburn, of the Home Industry League,, stated to your special correspondent here that: "Housewives will be delighted to learn that the rice crop in California during the year just closed has reached almost double the crop of 1915, itself a fine output. More than 250 MILLIONS of pounds of rice have been harvested in the State during the last twelve months.

"This enormus crop means not alone a low price to the housewife for rice at this time, but it means that the rice dealers have exerted themselves to make their product better known to the women of the State. As a result, the dealers are getting up many new suggestions by the use of which California rice can be utilized on the tables of the State in many new ways, so that some families have already substituted various rice dishes for their breakfasts, luncheons, and dinners in place of potatoes, onions and beans which have been so common up to this time."

Although rice-growing is a NEW industry in California, it having been started on a large scale less than four years ago, there were 50,000 acres under cultivation in 1916, with every prospect of there being 100,000 rice-producing acreage in 1917

My talking with various wholesale dealers I learn that California rice is of what they term the "short kernel" variety, yet has all the nutritive value of the "long kernel" rice hitherto imported from China, Java, Siam and India. The local product not being highly "polished," like the Oriental kind, is, in the opinion of many disinterested experts, an added advantage to the housewife who uses the California variety, as the "polishing" causes the loss of much of the nutritive value of any rice, besides exposing the user of the "highly polished" rice to contracting "berri berri" and other diseases characteristic of people who live exclusively on "highly polished" rice.

It would look as though every workingman at least would realize that he would be helping himself to cut down living costs, as well as keeping his living-money at home, were he to insist on the grocer's giving his family a "RICE—grown-in-California."

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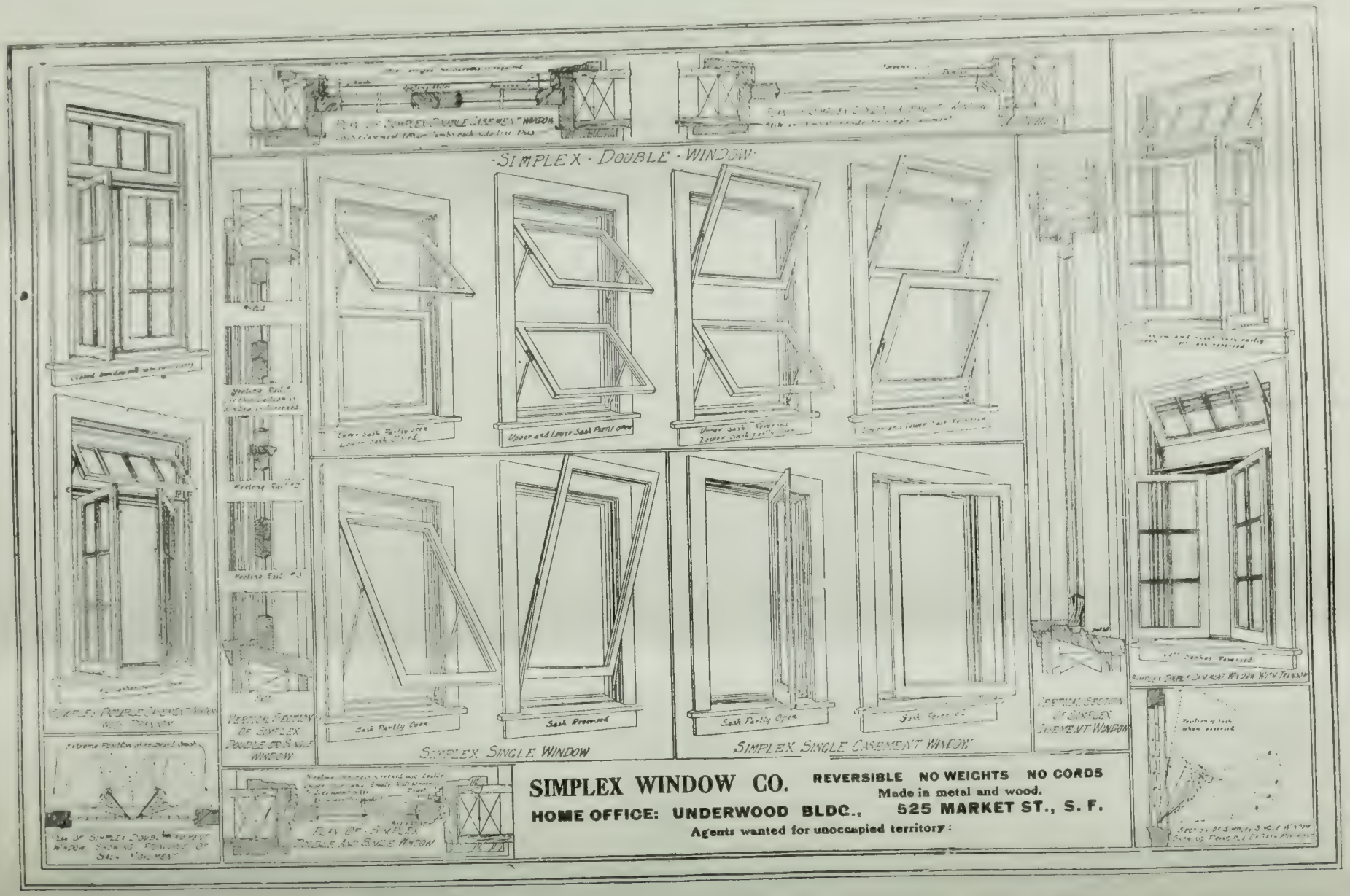
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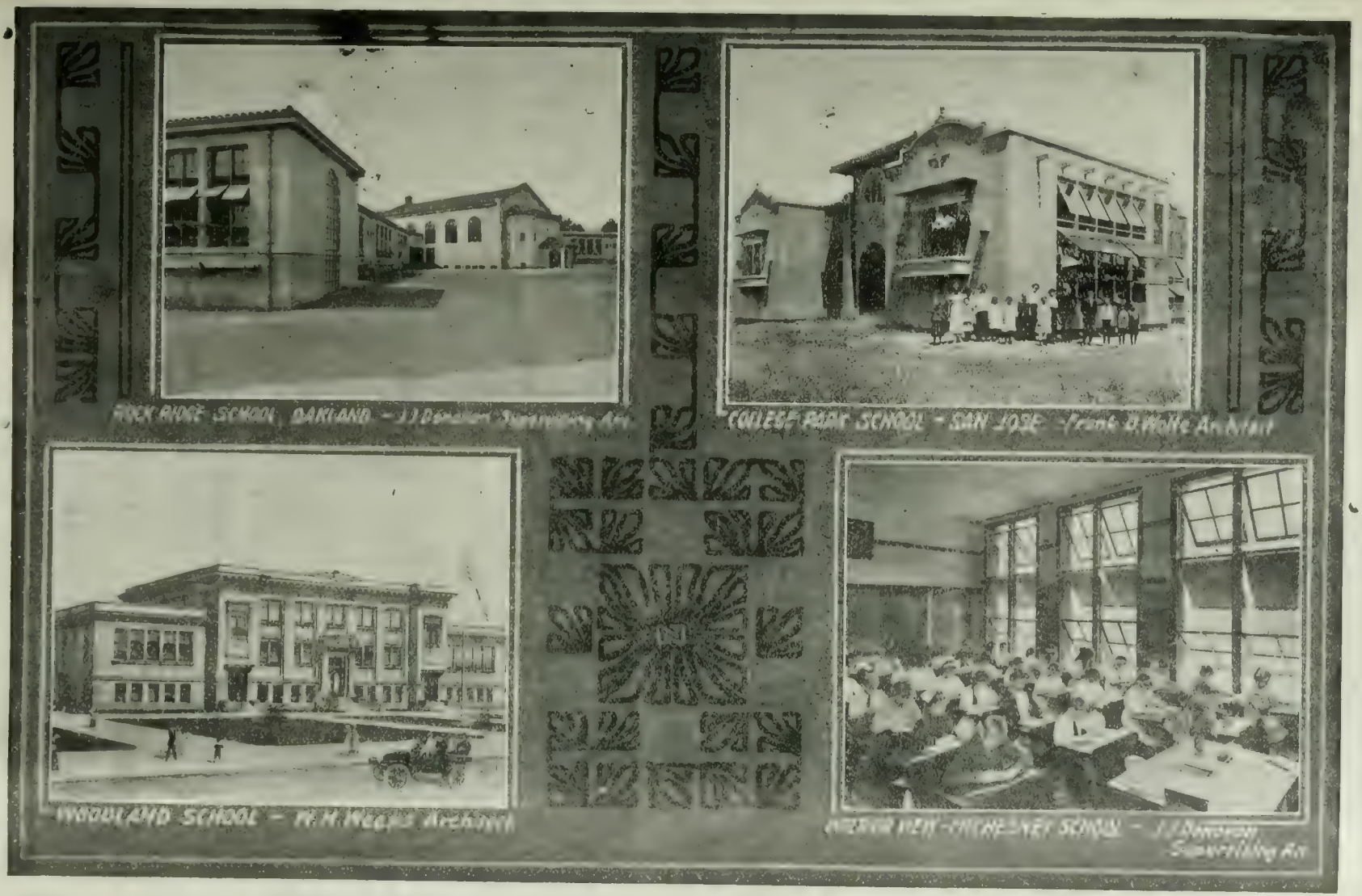
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San Francisco, Cal., March 14, 1917

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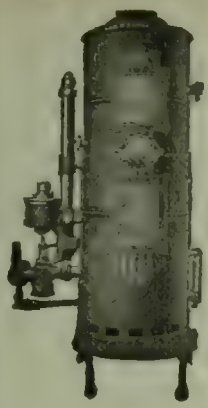
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The order of Hoo-Hoo, known as the Lumbermens pet order, will stage a regular Hoo-Hoo dinner to be participated in by the wives and sweethearts of loyal and gallant members of the order on March 23rd.

Pleasing entertainment will occur during the progress of the dinner, followed by dancing.

Card and domino tables will be provided, while large and comfy chairs will be available for those who prefer to watch the passing show.

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All Hoo-Hoo, their wives, daughters and sweethearts and any guests of either sex, whom they may care to honor by inviting them to take part in the festivities.

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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1.00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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UNIVERSITY FACULTY SEEKS TO AID INTERNATIONAL UNDERSTANDING AND GOOD-WILL.

To help find out just what Uncle Sam's neighbors really think of him, a "Committee on International Relations" has been created by the Academic Senate of the University of California. This endeavor to promote international understanding and good will is announced in the "University Record" in the last number of the "University Chronicle," the official quarterly issued by the University of California.

That it is the duty of American universities to place increased emphasis on teaching and research relating to international and racial problems is declared by the Academic Senate.

"At this time of world upheavel," reported the faculty committee, "no problem overshadows in importance that concerning the relations of this country with its neighbors. A university is better organized than any other institution for assembling, compending, and organizing the knowledge required in the solution of international problems."

Holding that California has special responsibilities and opportunities for understanding the international problems of the Pacific area, the Academic Senate has recommended the establishing of a chair primarily for research in international relations, appointments to be for limited periods only, and to go to men of proved ability to do constructive work on international problems. Pending the hoped-for establishment of this new professorship, a faculty seminar, consisting of Professors David P. Barrows, Edward Elliott, Lincoln Hutchinson, Charles A. Kofoid, A. L. Kroeber, J. C. Merriam, and George M. Stratton, has taken up the problem of finding out what popular opinion really is in Japan as to the relation of Japan to the United States, the question of growth of population and industrial change in Japan, Japan's relation to the problem of Japanese expansion, the status of Japanese nationalistic ideas, and the legislation of Pacific-Ocean countries in its relation to international problems.

Other features of this issue of the University of California Chronicle are a paper on "Science as a Vehicle of Education" in which Professor T. Brailsford Robertson (who recently discovered tethelin) discusses the danger of undue specialization in scientific education and the need of rescuing science as one of the humanities, and not merely as vocational training; an essay on Josiah Royce, who from a boy in a mining camp—he was born in Grass Valley—rose to be one of the most distinguished of American philosophers (in this paper Dr. J. Lowenberg discusses Royce as "interpreter of American problems."); the "President's Address" delivered at the last annual meeting of the Philological Association of the Pacific Coast by Professor Walter Morris Hart, Dean of the Summer Session, on "A Vanishing [illegible]"; [illegible] Arthur W. Ryder of old Sanskrit fables, which, despite the fact they are two thousand years old, have a modernity and wit which attests the unchangingness of human nature as between different centuries and far distant continents.

"WHO AM I?"

I am stronger than the combined Hague Conference and Peace Meetings of the whole world.

I save more lives than all the Doctors of the world.

I am more vital than medicine and surgery.

I help everybody—I find my friends among the rich and the poor, the young and the old—the strong and the weak.

I save the lives of thousands upon thousands of wage-earners every year.

I am omnipotent—saving arms, limbs, eyes, bodies—the lives of fathers, mothers, brothers, sisters, relatives and friends.

I am omnipresent—in the home, in the mill, in the factory, on the street, on the railroad, on the sea, in the air.

I prevent mental worries and physical pains.

I bring health, joy and happiness to the lives of all.

I am a panacea for the majority of all human miseries and troubles.

I bring smiles and happiness wherever I go.

I augment your Bank Account, for I am a "money saver."

I add years to the lives of hundreds of thousands.

I make life really worth living.

I am constructive, not destructive.

I am a co-partner of Good Judgment and Common Sense.

I am a "Joy Dispenser," a "Life Saver" and a "Good Fellow well met."

I AM "SAFETY FIRST."

OUR CIVIC CENTER AUDITORIUM.

Very often an argument will arise relative to our Civic Center Auditorium and its size, seating capacity, fire protection, etc.

A recent discussion in Police circles caused the following compilation. The structure is of Class "A" construction; four stories in height and covers a [illegible] feet. The main auditorium, octagonal in shape, covers an area of 222 by 254 feet and has a seating capacity of [illegible] in the ground floor and 6,000 in the balcony.

[illegible] balcony.

Items of Interest.

OROVILLE, Butte Co., Cal.—A party of surveyors employed by the Great Western Power Company have left for Bloomer Mar preparatory to making a survey of a canal for the projected $6,000,000 Feather River power plant to be erected two and a half miles from this city.

Besides making surveys for the canal, which will convey water to the power plant, the surveyors will make surveys for a dam to be built across the North Fork of the Feather River below its junction with the Middle Fork. This dam will impound the water to supply the canal.

The surveying party, is headed by L. N. Jones. Most of the surveyors are from San Francisco.

Following is the personnel of the party: L. N. Jones, P. W. Lytle, A. A. Kramm, R. W. Jackson, T. W. Flannigan, C. W. Fernstrom, J. M. Harden, L. David, B. R. Dyer, C. C. Story, M. P. McCarthy, O G. Frisholz and A. O. Know.

ROSEVILLE, Placer Co., Cal.—The Pacific Fruit Express Company has started a large force of men to work on the new car shops that are to be built here for the purpose of building refrigerator cars for that company.

KLAMATH FALLS, Ore.—At the regular meeting of the City Council here a petition for a building permit was presented by Oscar Peyton, local agent of the Union Oil Company. The petition requested permission to erect on Lots 13 and 14 of Block 17 of Second Railroad Addition to this city, a warehouse, barn, and three steel storage tanks twelve feet in diameter. The petition was referred to the Fire Committee until the next meeting of the Council.

NEWCASTLE, Placer Co., Cal.—Nearly $1000 for the building of a parsonage for the Methodist Episcopal Church was subscribed at a meeting of the members of the congregation and their friends. The plans discussed call for the building of a residence costing $3000. A canvass for subscriptions will be made at once.

PLACERVILLE, El Dorado Co., Cal.—R. A. Howard, manager of the Producers' Fruit Company, announces the capacity of the local warehouse will be doubled as a result of increased business. The entire plant will be remodeled. Plans are being worked out.

KLAMATH FALLS, Ore.—A new city hall is to be constructed at Worden, twelve miles south of this city by D. F. Daugherty, who now has the material on the ground. The new hall is to be 80 by 24 feet with a second story, which will be used for social purposes.

OROVILLE, Butte Co., Cal. —In a joint bid with a Marysville concern, Vaughan Brothers of this city have been awarded one of the largest contracts for cement irrigation pipe ever placed in this district.

The order calls for 15,000 feet of concrete pipe, or nearly three miles of the pipe.

The contract was awarded by Hermann Berg of Sutter County, who owns a ranch near Yuba City. The work of making and shipping the pipe will begin immediately.

WOODLAND, Yolo Co., Cal.—With Woodland's new $5,000 municipal water system practically completed, the City Council is considering the renewal of the old hours of irrigation. Hampered by the lack of water and inadequate distribution, the Council passed an ordinance changing the irrigation hours. It is probable more time will be allowed soon.

Over three miles of 10 and 8 inch mains are being installed in a unit system of water supply. At no time can the city face a fire menace should a main artery water supply break, as the pumping station of the other units can take up the burden.

MARYSVILLE, Cal.—City Engineer W. M. Meek has submitted to the City Council an estimate on the proposed extension of the sanitary sewer system along Pine street from First to Thirteenth and along the alleyway between Swezy and Ramirez Streets from Tenth to Thirteenth, showing a probable cost of $3,000. The matter was continued to another meeting.

CHICO, Butte Co., Cal.—At a meeting of the Chico Business Men's Association Dennis Murphy, owner of a power site on Deer Creek, renewed discussion of a mnuicipal plant for Chico and came forward with an entirely new proposal.

According to Murphy, C. N. Burleson, his engineer, and J. Lindbloom, an Alaska capitalist, will appear before the City Trustees in the near future with a proposal for the formation of a consolidated lighting district to include Chico and all its suburbs.

Lindbloom proposes to finance the proposition, building the plant, ditches and transmission lines, in return for a twenty-five year contract for lighting Chico and suburbs. At the end of that time he will agree to turn it over to the city.

SACRAMENTO, Cal.—The $300,000 appropriation bill for the construction of buildings to replace the exhibit buildings destroyed at the State Fair Grounds last September, has been given a favorable recommendation by the Assembly Agriculture Committee. The bill was introduced by Assemblyman Lee Gebhart of Sacramento and its appropriation is provided for in the State budget.

The bill was referred, with its favorable report, to the Ways and Means Committee of the Assembly.

DIXON, Solano Co., Cal.—If the plans of certain large and small land owners are realized 60,000 acres of land lying east and southeast of Dixon, some of which is in Yolo county, will be included in a drainage district.

Some of those showing an interest in the project are C. Archibald, of Tremont Township; Homer G. Brown, R. E. Stephens and W. G. Weynard, all of Dixon; J. C. Jennings, representing the Oakland, Antioch and Eastern Railroad; Arnestem, Baldwin, Page, Crocker, Heine and others of San Francisco.

WOODLAND, Yolo Co., Cal.—This city will have a $100,000 modern fireproof hotel if citizens can raise enough money by bond and stock subscription for the erection of a building of this character.

The plan calls for a four-story structure on a lot adjoining Armory Hall on Bush street.

The Board of Trade, the Farm and Town Club and other interests have endorsed the project.

FRESNO, Cal.—George Albert Smith, presndent of the International Irrigation Congress, was the guest of members of the committee seeking to promote the Pine Flat irrigation project. Smith went over the plan to impound the waters by a huge dam and make possible the irrigation of a million more acres of land. Smith declared the project feasible.

SACRAMENTO, Cal. — Kiernan & O'Brien, contractors, have filed suit in the Superior Court asking for $640 judgment and costs against the McGillivary Construction Company and the Capital National Bank. In the complaint they charge that the construction company paid $9,166.32 for work done on the bank building, but that for the extra work they refuse to pay $640, which they claim is due.

PLACERVILLE, El Dorado Co., Cal.—C. B. Bills, President, and N. M. Williamson, Treasurer, of the Pioneer Fruit Company, have selected a site in the Upper Town railroad yards for the company's Placerville fruit warehouse.

The structure will be of one-story frame construction. Worthy Marks has charge of the plans and specifications.

YREKA, Cal.—The garage building, owned by the Julian Estate, will be sold within a day or two to T. Jones & Co. of Hornbrook,who together with J. A. Durst of Yreka, will spend considerable money in remodeling that building.

SACRAMENTO, Cal.—Commissioner of Public Works Thomas Coulter expects to have the plans for the new school, to be erected in the block bounded by Seventeenth and Eighteenth,E and F streets, ready for the city board of education to approve Friday morning. The plans are now being checked over by Building Inspector Rohl.

The board of education has already opproved the floor plans of the building, which will be along similar lines to the William Land School.

Plans were prepared by Architects Shea & Lofquist of San Francisco.

SACRAMENTO, Cal.—In furtherance of their plan to secure a new and modern picture house for upper K strret, members of the Upper K Street Improvement Club are planning for an excursion to San Francisco Monday for the purpose of calling on President Britton of the Pacific Gas & Electric Company. The club wishes to see if some arrangement cannot be made for the purchase of the 200 foot lot adjoining the P. G. & E. building on K street in this city. With this 20 foot strip added to the adjoining 80 foot lot which the T & D theatre now owns the theatre people will have ample ground for a picture house of the size they desire to erect.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $25,000. Architect, none. Owner, William J. Keenan 2 Atalaya Terrace, S. F. Location, Atalaya Terrace and Fulton street, covering an area of 72½ by 107 feet. Will contain 25 suites of four and five rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $30,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Geary near Baker. Will contain stores on the first floor and a number of three and four room apartments on the upper floors. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base. Class C construction, $45,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Fifty Vara District. Will contain a total of 45 suites of two and three rooms. Plans are being prepared.

OAKLAND, CAL.—Apartment house, 5 story and base, brick and steel, $80,000. Architects, Richardson & Burrell, Albany Bldg., Oakland. Owners, Sommarstrom Bros., 24th and Telegraph avenue, Oakland. Location, Grand avenue. Will contain a large number of two, three and four room suites. Preliminary plans only prepared and further details will be given later.

SAN JOSE, SANTA CLARA CO., CAL.—Apartment house, 3 story and base, reinforced concrete, $37,000. Architect, William Binder, Rea Bldg., San Jose. Owner, Valentine Luca. Location, San Carlos and First street, covering an area of 25 by 100 feet. Will contain stores on the first floor and a number of two and three room apartments above. Plans are being prepared.

SAN FRANCISCO—Apartment house, 6 story and base, reinforced concrete, $50,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner's name withheld. Location, Irving street, Sunset District. Will contain a number of three and four room suites. Plans have been revised and figures will be called for shortly.

LOS ANGELES, CAL. — Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, L. T. Mayo, Black Bldg., L. A. Owner, L. T. Mayo. Location, West Seventh street near Kip, covering an area of 80 by 240 feet. Will contain 200 rooms which will be arranged in suites of two and three rooms totaling 84 apartments. Plans complete and revised figures being taken.

SAN FRANCISCO—Apartment house alteration, 2 story, frame, $3,500. Architect's name not given. Owner, T. J. Wrampelmeier, Monadnock Bldg., S. F. Location, Van Ness and Greenwich. Work will consist of interior alteration and will include plumbing, heating, electric work, plastering and painting. Plans are complete and work to be done by Day Labor.

Contract Awarded.

MARYSVILLE, YUBA CO., CAL.—Apartment house and stores, 2 story and base, brick. Cost not stated. Architects, Milwain Bros., Dalziel Bldg., Oakland. Owners, Aaron, Ewell & Moore, Marysville. Contractor, John Palm, Marysville. Contract price not stated.

BONDS.

SAN FRANCISCO, CAL.—Estimates for school construction, new buildings and additions to the present structures and the purchase of lands for proposed structures, have been prepared by the Board of Education and show a total of $6,529,961, which funds will be raised by a bond issue totaling approximately $7,500,000, the additional money being required for other needs.

The issue will provide for additions and alterations to the following schools:

Adams—Yard work, extensions; $50,000.

Bay View—Additions, lands; $65,850.

Bernal—Auditorium, other additions; $20,000.

Bryant—Improvements, $2,500.

Columbus—Six classrooms; $55,100.

Crocker—Additions, school and yard; $35,000.

Douglas—Additions; $40,000.

Edison—Land and addition; $23,000.

Farragut—Improvements; $3,000.

Golden Gate—Lands and improvements; $16,000.

Francis Scott Key—Additions; $32,500.

Hawthorne—Lands and improvements; $35,650.

Haight—Lands and improvements; $20,000.

Hancock—Lands and additions; $73,500.

Henry Durant—Lands and addition; $68,150.

John Scott—Addition and land; $118,000.

Laguna Honda—Addition and improvements; $65,000.

McKinley—Addition and improvements; $47,610.

Mission Grammar—Land, improvements; $25,000.

Noe Valley—Improvements; $5,680.

Spring Valley—Land and addition; $100,000.

Sheridan—Improvements; $14,000.

Sherman—Improvements; $19,512.

Sunnyside — Land, improvements; $17,000.

Yerba Buena—Addition; $40,000.

Old school buildings will be constructed as follows:

Columbia	$165,992
Dudley Stone	110,375
Douglas	132,000
Emerson	152,500
Everett	159,500
Fremont	153,625
Grant	131,500
Hearst	134,000
Horace Mann	270,000
Hamilton	193,020
James Lick	142,000
Pacific Heights	155,450
Roosevelt	150,000

MARYSVILLE, YUBA CO., CAL.—A proposal to bond Yuba County for $500,000 for road improvements is being discussed and it is probable that an election will be called to vote that amount.

VISALIA, TULARE CO., CAL.—By more than a two-thirds majority the voters of Tulare County decided to issue bonds of $2,200,000 with which to finance the construction of a system of paved highways totaling more than 223 miles.

BAKERSFIELD, KERN CO., CAL.—April 10th is the date set to vote bonds to finance the construction of a municipal ice plant. The city charter provides that the city may own and operate its own ice plant if it so desires.

TURLOCK, STANISLAUS CO., CAL.—Bonds of $65,000 have been voted for a new school building and when sold bids will be called from plans already prepared.

RENO, NEVADA—The University of Nevada has made petition to the State Legislature for a bond issue for $80,000 for the purpose of erecting a building for the State Normal School. This bill is now in the Legislature but has not yet been pased.

YREKA, SISKIYOU CO., CAL. — March 31st is the date set to vote bonds of $70,000 which will provide for the erection of a new high school at Yreka, to replace the building destroyed by fire last fall.

WOODLAND, YOLO CO., CAL.—District Attorney C. C. McDonald is establishing the correct boundary lines and taking steps to insure the validity of the bonds, should they carry, as the preliminary to the calling of an election for bonds to the extent of $20,000 for a school building at Esparto, to replace the one recently destroyed by fire.

SACRAMENTO, CAL.—With an object in view of converting the voters of Sacramento to the cause of a bond issue for $1,228,000, the City Board of Health, at a special meeting, passed a resolution recommending the erection of a miniature filtration plant, which is estimated to cost $1,000.

ANDERSON, SHASTA CO., CAL.—It will cost $513,546 more to complete work on the Anderson-Cottonwood Irrigation District project on which work is now being carried out. The original bond issue provided $480,000 for the construction of this system but it was found that this amount could not cover the completion of the work. It is probable that another election will be called to vote the $513,546.

WOODLAND, YOLO CO., CAL.—The State Board of Control has purchased the $30,000 issue of the Washington School District. The bonds will finance the construction of a new school.

BELMONT, SAN MATEO CO., CAL.—The County Supervisors have sold the $[illegible] bond issue of the Belmont School District to the bank of Italy of San Francisco. The proceeds will [illegible] of a new school [illegible] being prepared by Norman R. Quilter, Maskey Bldg., San Francisco.

SANTA ANA, ORANGE CO., CAL.—An election will be held some time soon to vote on the issue of $[illegible],000 in bonds to provide funds for constructing a new [illegible] at 215 North Sycamore [illegible], besides $25,000 for [illegible] and the remainder for sewer work.

COALINGA, FRESNO CO., CAL.—The County Superintendent of Schools, E. W. Lindsey, is preparing to call an election in seven school districts in Coalinga for the purpose of establishing an intermediate school. A bond issue will be voted on shortly for a new high school but details have not been decided.

HANFORD, KINGS CO., CAL.—The City Trustees have [illegible] the $44,000 bond issue which will provide fire extensions at Hanford.

VICTORVILLE, SAN BERNARDINO CO., CAL.—The election to vote $15,000 to finance the construction of a new school building carried and bids for the purchase of same will be ordered shortly.

ALAMOGORDO, N. MEX.—The $50,000 bond issue for a new high school carried and when sold construction of the building will be started.

ALBUQUERQUE, N. MEX.—The $40,000 school bond issue carried at the recent election February 27th. The funds will be used for purchasing sites and erecting additional school buildings.

FLORENCE, ARIZ.—An election will be called soon by the Board of Supervisors to vote on an issue of $100,000 in bonds for completing the county highway system, for surfacing certain of the existing roads, and for constructing new roads.

BRIDGES AND DAMS.

SAN JOSE, SANTA CLARA CO., CAL.—Bridges, etc., concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. The County Supervisors at their last session ordered plans and specifications prepared for the following work: For repairing the Willow street bridge over the Guadalupe Cheek. For the improvement of the Montague road in Supervisors' Districts Nos. 3 and 4. For the improvement of San Carlos street, from Race street to the city limits. For the repairing of levees on the Guadalupe Creek south of Willow street bridge. Bids for these projects will probably be called at the next session.

RIO VISTA, SOLANO CO., CAL.—Bridge, steel and concrete, $150,000. Engineers, Strauss Bascule Bridge Co., Chicago. Owners, Sacramento and Solano Counties. Sacramento and Solano County Supervisors have officially commissioned the Strauss Bascule Bridge Co. to prepare plans and specifications for the proposed bridge to be erected over the Sacramento River at Rio Vista. Their commission will be $3,250.

YUBA CITY, SUTTER CO., CAL.—Bridge, steel and reinforced concrete. Cosct as follows. Engineer, County Surveyor, Yuba City. Owners, Sutter County. Property owners and residents of Nicolaus appeared before the Sutter County Supervisors at their last session and asked the construction of a bridge across the Feather River at Nicolaus. The bridge planned will be of reinforced concrete construction and is estimated to cost $120,000. The petitioners ask that construction be started immediately and that the funds be raised by a direct tax.

STOCKTON, SAN JOAQUIN CO., CAL.—Bridges, steel. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. The San Joaquin County Supervisors have instructed the County Surveyor to prepare the necessary plans and specifications for the construction of steel bridges to span the diverting canal. Plans will be rushed to completion so that early action may be taken in calling for bids on the work.

SACRAMENTO, CAL. — Bridge repairs. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Jenkins & Wells, 3530 Y street, Sacramento, submitted the only bid to the Sacramento County Supervisors for the proposed work on the Georgiana Slough bridge at Walnut Grove. The bid was not opened. It is probable that action on the bid will be taken at the next meeting.

SEATTLE, WASH.—Bridge foundations. Cost as follows. Engineer, City Engineer, Seattle. Owners, City of Seattle. The Erickson Construction Co., Seattle, submitted the lowest bid to the City Council for the construction of the foundation for the Eastlake bridge at $217,959.47 for "wet" concrete and $195,704.47 for "dry." It is probable that they will be awarded the contract.

Contract Awarded.

SAN FRANCISCO — Pier construction, $293,600. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy Tibbitts Construction Co., 9 Main street, S. F. Contract for Pier No. 31, $293,600. A complete list of these bids will be found under the heading of Bids Opened in this issue.

SAN JOSE, SANTA CLARA CO., CAL.—Bridge, reinforced concrete, $2,350. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractors, Raisch Improvement Co., Underwood Bldg., S. F. Contract price, $2,350.

PIER CONSTRUCTION — $293,600. San Frrancisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., 9 Main street, S. F. Contract for Pier No. 31, $293,600. A complete list of these bids will be found under the heading of Bids Opened in this issue.

CHURCHES.

SAN FRANCISCO—Church, 1 and 2 story, Class C construction, $30,000. Architect, Charles A. Haber, Monadnock Bldg., S. F. Owners, Fitzgerald Memorial Methodist Church. Location, south Bush east Taylor. Will contain main auditorium and Sunday school rooms. Plans are being prepared.

VALLEJO, SOLANO CO., CAL. — Church, 1 and 2 story, brick and frame. Cost not stated. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Vallejo Methodist Church. Location, Virginia street. Will contain a large auditorium, Sunday school rooms and social hall. Plans are being prepared.

LIVERMORE, ALAMEDA CO., CAL.—Church, 2 story and base, reinforced concrete, $35,000. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owners, Roman Catholic Church. Will contain an auditorium, Sunday school rooms and pastor's study. Plans complete and figures being taken.

COURT HOUSES.

BAKERSFIELD, KERN CO., CAL.—Vault work. Cost as follows. Architect, Orville L. Clark, Bakersfield. Owners, Kern County. Only one bid was received by the Kern County Supervisors for the consturction of a vault in the County Clerk's office and this was rejected as being too high. New bids have been ordered called. The bid was that of Currie & Dulgar of Fresno, for $1,435. The new bids will close April 3rd at 10 a. m. Plans may be had from the architect.

FACTORIES AND WAREHOUSES.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Packing plant, 4, 4 story, mill construction, $300,000. Engineer, R. Von Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co. Plans and specifications for these buildings have been completed. All contracts will be awarded through the office of the engineer.

SAN FRANCISCO — Warehouse, 4 story and base, reinforced concrete. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Union Iron Works. Location, 20th and Illinois streets, covering an area of 50 by 200 feet. Plans are being prepared.

OAKLAND, CAL.—Factory, 2 story and base, frame, $10,000. Architect, none. Owners, Pacific Tank and Pipe Co., 318 Market street, S. F. Location Tidal Canal and High street. This building is one of a group of five buildings to be erected by the company. Plans are complete and work will be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Warehouse, 1 story, brick, $6,000. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Pacific Gas and Electric Co. Location, F street near Fresno Besides the warehouse plans provide for a garage. Plans are complete and figures being taken.

LOS ANGELES, CAL.—Factory, 3 story and base, brick. Cost not stated. Architect, Robert M. Taylor, Marsh-Strong Bldg., L. A. Owners, Manhattan Furniture Co. Location, Alameda and McGarry streets, covering an area of 80 by 270 feet. Plans being revised and figures to be called for shortly.

SANTA PAULA, VENTURA CO., CAL.—Packing house, 2 story, reinforced concrete. Cost not stated. Architects. Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Paula Growers' Association. Will cover an area of 350 by 125 feet. Plans complete and subcontracts being let.

FIRE HOUSES AND JAILS

STOCKTON, SAN JOAQUIN CO., CAL.—Detention home, 2 story and base, brick, $25,000 Architect, Joseph Losekann, San Joaquin Bldg., Stock-

ton. Owners, San Joaquin County. Location, East street, covering an area of 72 by 72 feet. Plans complete and figures being taken. Bids will be opened on April 3rd.

SACRAMENTO, CAL.—Jail alteration, Class A construction. Cost not stated. Architect, none. Owners, Sacramento County. Bids will be opened on March 23rd at 2 p. m. for miscellaneous alterations to the County Jail. Plans can be secured from the County Clerk.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $8,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. Location, 24th avenue and Geary street. Will contain four flats of five rooms and bath. Basement garage. Plans being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architect, none. Owners, Hemminga Bros., 40 Ashbury street, S. F. Location, north California east 21st avenue, covering an area of 25 by 58 feet. Will contain two flats of five and six rooms. Basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, $10,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Union near Taylor. Will contain three large residential flats of six and seven rooms. Basement garage. Plans are being prepared.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, George R. Newsom, 14th and Guerrero streets, S. F. Location, east Dolores south 14th. Will contain four flats of four and five rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 3, 2 storry and base, frame, $4,000 each. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. A. Janssen. Location, east 15th avenue north Geary. Each building will contain two flats of five rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

GOVERNMENT WORK & SUPPLIES.

Puget Sound, Wash., Lavatory and Locker Building.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing a lavatory and locker building at the U. S. navy yard, Puget Sound, Wash.:

Item 1, work, complete; 2, do, substituting channel rustic instead of corrugated galvanized sheet steel specified; deduct from item 1 or 2 if heating system is omitted; 4, deduct from item 1 or 2 for substituting cement mortar for mastic floor finish; 5, deduct from item 1 or 2 for substituting commercial quality plumbing fixtures in lieu of those specified; 6, deduct from item 1 or 2 if electric lighting system is omitted.

Andrae Lofthus, Bremerton, Wash., item 1, $4,550, 120 days; 2, $4,300, 120 days; 3, deduct $350; 4, deduct $100; 5, deduct $400 and 55 days; 6, deduct $90.

B. Collings, 811 20th avenue south, Seattle, Wash., item 1, $4,385, 100 days; 2, deduct, $140, 3, deduct $290, 4, deduct $18; 5, deduct $200 and 50 days, 6, deduct $100.

Charles H. Schaar, 721 21st avenue, Seattle, Wash., item 1, $3,949, 10 days; 2, $3,734, 3, deduct $250, 4, deduct $120, 6, deduct $122.

Wm. Wills, 504 Corry Building, Seattle, Wash., item 1, $4,977, 95 days; 2, $4,777; 3, $230, 4, $75; 5, $300 and 50 days; 6, $100.

W. B. Coffer Plumbing Co., 1012 A street, Tacoma, Wash., item 1, $5,504, 150 days; 2, $200; 3, $450; 4, $393; 6, $151.

Hooker, Kiehl & Whipple, 507 Central Building, Seattle, Wash., item 1, $4,704, 45 days; 2, $4,599, 45 days; 3, $290; 4, $127; 5, $475; 6, $110.

Martin & Dugan Construction Co., 627 North Bank Buildings, Seattle, Wash., item 1, $4,925, 6 months; 2, $4,-725, 6 months; 3, $300; 4, $120; 5, $165, alt. A, marble instead of slate, add $190; 6, $122.

Swensson & Co., 3065 Arcade Building, Seattle, Wash., item 1, $4,950, 30 days; 2, $4,700, 30 days; 3, $350, 4, $100; 5, $500, 6, $110.

N. A. Benhennick, 718 8th street, Bremerton, Wash., item 1, $4,492, 50 days; 2, $4192, 50 days; 4, $4,292, 50 days.

John Galber, 616 Mutual Life Building, Seattle, Wash., item 1, $4,197, 58 days.

Building, Fort Morgan, Colo.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. public building at Fort Morgan, Colo.:

Noel Hogg, Sterling, Colo., limestone, $41,163.

C. E. Goodhard, Ord, Neb., limestone or sandstone, $41,484.50.

George A. Shaul, Seneca, Kans., $42,-869, limestone.

W. D. Lovell, Minneapolis, Minn., $41,549, limestone.

Lattimer & Benning, Kansas City, Mo., $42,847, limestone.

J. H. Wiese, Omaha, Neb., $45,370, limestone.

Phoenix, Ariz., Painting, Etc.

Bids for painting and repairing at the U. S. post office, Phoenix, Ariz., were received by the custodian, as follows:

F. W. Curts, Phoenix, Ariz., $238.

Fred Berry, Phoenix, Ariz., $264.

Long & Doenig, Topeka, Kan., $705.-60.

J. P. Sullivan, 4515 Indiana avenue, Chicago, Ill., $770.

Young Bros., Decorating Co., Wichita, Kan., $437.65.

H. D. Galanter, 203 Hart street, Brooklyn, N. Y., $850.

Wiksten, Anderson & Co., Osage City, Kan., $944.60.

Pocatello, Idaho, Painting and Plastering.

The supervising architect, Treasury Department, Washington, D. C., received the following bids for painting and plastering at the U. S. post office at Pocatello, Idaho:

Alfred Olson Co., 4515 N. Clark street, Chicago, Ill., $2,486.

Emil Grohne, Joliet, Ill., $2,488.

D. J. Inman, Danville, Ill., $2,653.

J. P. Sullivan, 4515 Indiana avenue, Chicago, Ill., $2,872.

[illegible] Lehmann [illegible], Omaha, Nebr., $2,900.

[illegible] & Lake, Pocatello, Idaho, $[illegible].

Rio Grande Project Bridge.

Contract has been awarded to the Wisconsin Bridge & Iron Company at Milwaukee, Wis., for delivery f. o. b. North Milwaukee of material for a steel bridge for Garfield Crossing on the Rio Grande on the Rio Grande Irrigation Project, N. Mex. The total contract price f. o. b. shipping point amounts to $16,700. The bridge will have a total span of 300 feet from end to end, and will carry twin No 156 metal flumes across the Rio Grande. The award covers only the structural steel for the bridge.

Yakima Project, Wood Pipe.

Contract has been awarded to the American Wood Pipe Company of Tacoma, Washington, for furnishing coated machine banded wood stave pipe for the Sunny Side Unit, Yakima Irrigation project, Washington. The material to be furnished embraces 3,550 linear feet of pipe, 30 inches inside diameter, and 2,650 linear feet of smaller pipe of 26 inches inside diameter, the foregoing pipe to operate under a 25-foot head; 1,600 linear feet of smaller pipe 16 inches inside diameter to operate under a 75-foot head, and 2,900 linear feet of smaller 16-inch pipe to operate under a 50-foot head; also 800 linear feet of 16-inch pipe to operate under a 25-foot head, and to be constructed with inserted joints without individual reinforcing bands at joints, pipe to be furnished complete with all accessories; contract price, $8,088.06.

HALLS AND SOCIETY BUILDINGS.

VALLEJO, SOLANO CO., CAL.—Lodge hall, 3 story and base, Class C construction, $100,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Hall Association. Location, Marin and Virginia streets. Bids opened for this work show Cameron & Disston low on the general construction at $73,900 and J. E. O'Mara low on the heating at $6,147. Both bidders are San Francisco firms. A complete list of the bids as opened will be found under the heading of Bids Opened in this issue.

LOS BANOS, MERCED CO., CAL.—Lodge hall, 2 story and base, reinforrced concrerte, $20,000. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Mountain Bow Lodge of Odd Fellows. Location, 6th and J streets, covering an area of 65 by 78 feet. Will contain one store and lodge rooms. Plans complete and figures being taken.

HOSPITALS

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Hospital, 3 story, frame, $35,000. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owner, Dr. Dolly. Will contain wards and private rooms, operating room and office. Plans complete and figures being taken.

FRESNO, FRESNO CO., CAL.—Hospital, 2 story and base, reinforced concrrete, $50,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Revised plans are being prepared for

the new building to be erected at the County Hospital. Construction will now be made fireproof. Further mention will be made of the work when plans are completed.

SANTA ROSA, SONOMA CO., CAL.—Hospital heating system. Cost not stated. Architect, none. Owners, Sonoma County. Supervisor Cunningham, County Purchasing Agent George Libby and Dan Patterson, superintendent of the court house, have been named by the Board of Supervisors to investigate the merits of various heating plants with a view of installing a new plant at the county hospital and farm.

HOTELS.

SAN FRANCISCO—Hotel alteration, 3 story, frame, $3,500. Architect, W. C. Hind, 16 Kearny street, S. F. Owner, H. Faubert, 2004 McAllister street, S. F. Location, McAllister west Central avenue. Work will consist of new interior partitions, plastering, plumbing, painting and electric work. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Hotel addition, 1 story, reinforced concrete, $100,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Fresno Hotel Co. Location, Merced and I streets. Preliminary plans only have been prepared.

COLUSA, COLUSA CO., CAL.—Hotel addition, 2 story, frame. Cost not stated. Architect, none. Owner, Neil O'Donnell, Colusa. Will contain 24 rooms and several baths. Plans complete and work to be done by Day Labor.

Contract Awarded.

CHEHALIS, WASH.—Hotel, 3 story and base, brick, $36,300. Architect, C. E. Troutman, Aberdeen. Owner, William West. Contractor, S. C. Erickson, Tacoma. Contract price, $36,300.

IRRIGATION PROJECTS.

MARYSVILLE, YUBA CO., CAL.—Reclamation work. Cost not stated. Engineer, County Surveyor, Marysville. Owners, Yuba County. The County Supervisors at their last meeting directed County Surveyor L. B. Crook to take the necessary steps providing for the drainage of the vast Hallwood district north of Marysville. It is the intention of the Supervisors to carry all destructive surface water into the Nigger Jack Slough by means of a system of canals. Crook states the proposed system would benefit the entire district, comprising 12,000 acres, and extending from the Ten-mile House to the Bryden ranch, a distance of approximately ten miles. The benefited

OTIS ORCHARDS, WASH.—Irrigation project. Cost as follows. Engineers, Sawyer Bros., White Bldg., Seattle. Owners, Otis Orchards Irrigation District. Bids opened at Otis Orchards for the installation of over 130,000 feet of pipe for an irrigation system there show Hans Pederson, Alaska Bldg., Seattle, low bidder for clay pipe at $65,096.75, and J. H. Fletcher, formerly in the City Engineer's office in this city, low at $63,,-771.50 for concrete pipe. Mr. Fletcher may be reached through the engineers, Sawyer Bros., White Bldg., Seattle, and Lindelle Block, Spokane.

Contract Awarded.

OROVILLE, BUTTE CO., CAL.—Irrigation pipe. Cost not stated. Engineer, none. Owner, Hermann Berg, Oroville. In a joint bid with a Marysville concern, Vaughan Bros. of this city have been awarded one of the biggest contracts for cement irrigation pipe ever placed in this district. The order calls for 15,000 feet of concrete pipe, or nearly three miles of the pipe.

POWER PLANTS.

SAN FRANCISCO—Improvements to water supply system. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Location, Presidio of San Francisco. Bids will be opened on April 7th for improvements to the present water supply system.

SANTA ROSA, SONOMA CO. CAL.—Well drilling. Cost not stated. Engineer, City Enginer, Santa Rosa. Owners, City of Santa Rosa. Two bids were received by the City Council for drilling a well at the pumping station. The bids were submitted by the Pacific Drilling and Prospecting Co., and the Artesian Pacific Drilling Co., and were laid over until the next session when an award will be made.

SAN RAFAEL, MARIN CO., CAL.—Road construction. Cost not stated. Engineer, A. R. Baker, Cheda Bldg., San Rafael. Owners, Marin Municipal Water District. Bids will be opened on March 22nd at 7:00 p. m. for constructing 12,000 feet of Pipe Line road, involving approximately 28,738 feet of excavating, 8.73 acres of clearing, 283 feet of 8-inch corrugated iron pipe, 599 feet of 12-inch, 139 feet of 18-inch and 82 feet of 24-inch.

OROVILLE, BUTTE CO., CAL.—Hydro-electric plant, $17,000,000. Engineer, Ham, 14 Montgomery street, S. F. Owners, Great Western Power Co. Division Superintendent T. J. Dillon, of the Great Western Power Co., is the authority for the statement that the Great Western Power Co. will erect the largest hydro-electric plant in the world at a point about 21 miles above their present plant at Big Bend on the North Fork of the Feather River in Plumas County. The main building will be 560 feet long and 86 feet high. Ten sets of 10,000 K. W. generators will be installed, which will have a capacity of 100,000 K. W. Construction will be started at once and will require two years to complete, and has been estimated to cost $17,-000,000.

ASTORIA, ORE.—Lining water tunnel. Cost not stated. Engineer, Lars Bergsvik, Astoria. Owners, City of Astoria. Plans have been completed by Lars Bedgsvik, engineer forr the Astoria Water Commission, for lining the tunnel with concrete and construction of high service distribution system. The tunnel extends for a distance of 1200 feet. The work will consist of clearing and grubbing, excavating and backfilling trenches, furnishing material and laying 11,136 feet of 6-inch, 12-inch, 14-inch and 18-inch cast iron pipe, placing specials, placing hydrants, lining a 1200-foot tunnel with concrete, and building manholes. G. W. Lounsberry is clerk of the board.

SAN RAFAEL, MARIN CO., CAL.—Excavating dam site, $9,962.20. Engineer, A. R. Baker, Cheda Bldg., San Rafael. Owners, Marin Municipal Water District. Contractor, J. P. Holland, 553 3rd street, S. F. Contract price, $9,962.20. A contract for road construction along the pipe line was also awarded to R. B. Markle, Jr., Hearst Bldg., S. F. Contract price, $18,975.61. A complete list of the bids opened will be found under the heading of Bids Opened in this issue.

POST OFFICES.

Contract Awarded.

WILLOWS, GLENN CO., CAL.—Post office, 2 story, brick, stone and steel, $65,609. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Contractors, Welsh Bros. & Hannaman, Willows. Contract price, $65,609.

RAILROAD CONSTRUCTION AND EQUIPMENT

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Passenger station, 1, 2 and 3 story, reinforced concrete. Cost not stated. Architect, Engineering Department Santa Fe, L. A. Owners, Santa Fe Railroad Co. Will cover an area of 490 by 90 feet. Plans are being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,500. Architect, none. Owners, Johnson & Johnson, 844 14th street, S. F. Location, east 7th avenue north Kirkham. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $5,500. Architect, Frederick L. Boese, Call-Post Bldg., S. F. Owners, Co-operative Home Builders, 1125 Fillmore street, S. F. Location, southwest Geary and 45th avenue. Will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Foulkes & Hildebrandt, Crocker Bldg., S. F. Owner, Herbert F. Hellwig. Location, St. Francis Wood. Will contain seven rooms and bath. Separate garage. Plans being prepared.

SAN FRANCISCO—Residence, 2 story and base, brick veneer, $25,000. Architect, J. R. Miller, Lick Bldg., S. F. Owner, Arthus O. Hooper. Location, South Broadway east Fillmore. Will contain twelve rooms, four baths and conservatory. Separate garage. Plans complete and figures being taken under advisement.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, O. G. Scott, 3001 Grove street, Oakland. Location, north Kales avenue, west Broadway. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $3,000. Architect, none. Owner, H. L. Houck, 2316 Everett avenue, Oakland. Location, east Park Boulevard south Dolores. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residences, 1, 2 story and 1, 1 story, frame, $2,000 and $1,000. Architect,

none. Owner G. H. Noble, 2220 Central avenue, Alameda. Location, Broadway between Santa Clara and Lincoln. The two story house will contain six rooms and the one story four rooms. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Residence alterations, 2 story, frame, $5,000. Architect, William Knowles, Central Bank Bldg., Oakland. Owner, C. E. Hume. Location, 4320 Piedmont avenue, Oakland. Work will consist of interior trim, hardwood floors, plumbing, plastering, painting and electric work. Some exterior work will also be included. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $5,500. Architects, Schirmer-Bugbee Co., Dalziel Bldg., Oakland. Owner, Mr. Robinson. Location, Claremont Manor. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared.

ALAMEDA, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame, $2,000 each. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, 2067 and 2069 Central avenue. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, $2,000 Architect, none Owner, M. Smith, 2220 8th street, Berkeley. Location, 1201 Channing Way. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, I. A. Kellogg 1416 Grand avenue, Oakland. Location, east Maybelle avenue south Porter. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

MARTINEZ, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame. Cost not stated. Architect, none. Owner, Lewis C. Synder, 2820 San Pablo avenue, Oakland. Location, Ygnacio Valley. Designed for a country house. Preliminary sketches being prepared by owner and further particulars to be given later.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. F. Brooks. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

MONTECITO, SANTA BARBARA CO., CAL.—Residence, 2 story and base, hollow tile, $40,000. Architect, Carleton M. Winslow, Van Nuys Bldg., L. A. Owner, Mrs. Henry Stephens. Will contain ten rooms, three baths and a servants' wing, containing three rooms, bath and laundry. Plans being prepared

SEATTLE, WASH.—Residences, 100, 1 story and base, frame, $10,000 to $15,000. Architect, F. H. Perkins, Lumber Exchange Bldg., Seattle. Owners, H. S. Turner Realty Co., 5900 California Avenue, Seattle. Location, West Seattle. These houses will contain from eight to fourteen rooms. Plans are being prepared and construction will be carried on in units of from four to twenty houses at a time.

SAN FRANCISCO—Residences, 4, 1½ story and base, frame, $4,000 each. Architect, none. Owner, C. S. Allred, 150 Onondago avenue., S. F. Location, north Merced avenue east Kensington. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 1 story and base, frame, $3,000. Architect, none. Owner, J. H. Thorup, 279 26th avenue, S. F. Location, east 24th avenue north Balboa. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, Carl Ericsson, 1200 Masonic avenue, S. F. Location, south Neilson near Gilman. Will contain five rooms, bath and garage Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owner, F. C. Wilson, 2321 Hills street, Fresno. Location, Alta Vista Tract. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, O. J. Henley, 1621 13th street, Sacramento. Location, 1408 V street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAK KNOLL, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Mrs. Charles A. Chapin. Location Arden Road. Will contain seventeen rooms, seven baths and conservatory A two-story garage and servants' rooms will also be erected Plans are being prepared.

SAN FRANCISCO — Residences, 2, 2 story and base, frame, $2,000 each. Architect, none. Owner, Victor Bjors, 559 Sanchez street, S. F. Location, north Clipper east Sanchez. Each Sanchez. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 4, 1½ story and base, frame, $3,000 each. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, The Dawson Co. Location, 47th avenue and Cabrillo. Each dwelling will contain seven rooms, two baths and basement garage. Plans complete and segregated figures being taken.

Contract Awarded.

WINEHAVEN, CONTRA COSTA CO., CAL.—Residences, 11, 1 story, frame, $15,000. Architect, John H. Powers, 628 Montgomery street, S. F. Owners, California Wine Association. Contractor, John Biller, 460 Montgomery St., S. F. Contract price, $17,000.

SCHOOLS.

SAN FRANCISCO — School fire escapes. Cost not stated. Architect, none. Owners, City and County of San Francisco. Plans for fire escapes for the Irving H. Scott and Hawthorne Schools are nearing completion in the Bureau of Architecture of the San Francisco Board of Works, and bids for the construction of same will be called for next week.

SPARKS, NEV.—School, 2 story and base, reinforced concrete. Cost as follows: Architect F. D. De Longchamps, Nixon Bldg., Reno. Owner, Sparks School District. Will contain fourteen rooms. Plans complete and ready for figures.

Note: Plans are also being prepared for a grade school and bids will be called for shortly. The sum of $65,000 is available for constructing the two buildings.

SOUTH PASADENA, LOS ANGELES CO., CAL.—School, 2 story and base, hollow tile, $118,000. Architects, Marsh & Howard, 212 Broadway Central Bldg., L. A. Owners, City of Pasadena. Will contain ten class rooms and an auditorium. A four-class room addition to another school is also included in the plan Bonds will be voted on March 14th.

PORTLAND, ORE.—School addition, 2 story, reinforced concrete, $40,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. This addition will contain six class rooms, office and an assembly hall. Plans complete and figures being taken.

CORVALLIS, ORE.—School, 2 story and base, reinforced concrete, $100,000. Architect, John V. Bennes, Chamber of Commerce Bldg., Portland. Owners, Oregon Agriculture College. Designed for class rooms and a library. Plans are being prepared.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN RAFAEL, MARIN CO., CAL.—Street paving, etc. Cost as follows. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. A number of bids were opened on March 5th at 8 p. m. by the City Council for improving the following streets: G street, between West End avenue and 4th avenue; 5th avenue, from G to H streets; H street, from 5th to Forbes avenue; Grand avenue, from 4th to Highland avenue; B street, from First to Bay View street. Two of the bids were taken under advisement. A complete list of the bids received follows: A. H. Kopperude Construction Co., 2030 High street, Oakland, 2c. Highway Surfacing Co., 417 Montgomery street, S. F., 2½c. Western Motar Draying Co., 1444 Church street, S. F., 3½c. S. M. Welch, 3½c. E. M. Chadbourne, 503 Market street, S. F., 4c. A. J. Raisch, Underwood Bldg., S. F., 6.9c. Clark & Henery Construction Co., Ochsner Bldg., Sacramento, 7.9c.

SAN LEANDRO, ALAMEDA CO., CAL.—Electrolier system. Cost not stated. Engineer, City Engineer, San Leandro. Owners, City of San Leandro. No bids having been received at the last meeting of the City Trustees, new bids have been ordered for the construction of the proposed electrolier system in this city. Bids close March 19th at 8 p. m. Further information and plans may be had from the City Clerk.

SACRAMENTO, CAL.—Comfort stations, concrete. Cost not stated. Architect's name not given. Owners, Sacramento Park Commission. The Park Board has empowered Director Mrs. J. J. C. Fitzgerald to have plans and specifications prepared for comfort stations to be erected at Winn and Marshall Parks.

SACRAMENTO, CAL. — Street improvement. Cost not stated. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. No bids were received by the Sacramento County Supervisors for road work on Marconi avenue from Ben Al to the Sacramento Country Club, or on the Grant Line road from the Central California Traction Company's track at Sheldon to Lindsay place. It is probable that another call for bids will be issued.

STOCKTON, SAN JOAQUIN CO., CAL. —Street improvements. Cost as follows. Engineer, City Engineer, Stockton. Owners, City of Stockton. At the last meeting of the City Council, plans and specifications for the improvement of certain streets in Fair Oaks Addition were adopted. The work to be done includes grading, gutter and curb work. The City Engineer's estimate for the work was $11,062.36.

FRESNO, FRESNO CO., CAL.—Storm sewers. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Trustees adopted plans and specifications and bids have been ordered received for the construction of the storm sewer system in this city. On recommendation of Engineer Cronkite, the Board decided to advertise for bids for the construction of the storm sewer in Inyo street, between Van Ness and L streets, these bids to be called immediately. Bids for the work close March 16th at 8 p. m. Plans and further information may be had from the City Clerk.

FRESNO, FRESNO CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Trustees at their last meeting took up the matter of street improvement and approved plans and specifications for the following work: Paving of Calaveras street, from H to Divisadero street, and O street, from Butler to Divisadero. For the grading, curbing and placing culverts on Grant avenue, from First to Ninth street; Madison avenue, from Fresno to Ninth, and the curbing and guttering of Mariposa from F to G streets. Bids on these projects will be called for shortly.

BAKERSFIELD, KERN CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council has adopted plans and specifications for the paving of the alley between 18th and 19th streets, from G to Spruce street Bids for the work will soon be called for

SAN RAFAEL, MARIN CO., CAL.—Highway improvement. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Bids will be opened on March 21st for clearing and ditching that portion of the county road leading from Sausalito to Bolinas, on the east side of Bolinas Bay, between the "Dipsea" road and the Fairfax and Bolinas county road, a distance of 3.7 miles, in Road Districts Nos. 2 and 3, and for the construction of bulkheads thereon.

VALLEJO, SOLANO CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Vallejo. Owners, City of Vallejo. City Engineer T. D. Kilkenny is preparing plans and specifications for street work to be undertaken in the central district of Vallejo. This district includes the east end of Maryland street, near Alameda; Pennsylvania street, over the hill near Alameda; Main street, over the hill near Alameda; Napa street, from York to Maise; El Dorado street, from York down to Pennsylvania. The work will be done under public proceedings.

SAN RAFAEL, MARIN CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, San Rafael. Owners, Marin County. Bids will be opened on March 21st for regrading a portion of the Point San Pedro road for a distance of approximately 950 feet, in Road District No. 1, and for the ballasting and repairing of the present bulkhead thereon.

FRESNO, FRESNO CO., CAL.—Electrolier system extension. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. A petition will be presented to the City Council within the next few days asking that the electrolier system on Van Ness avenue be extended from Kern street to California avenue, the cost of the work to be paid by the property owners.

BAKERSFIELD, KERN CO., CAL.—Road tractors. Cost not stated. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Twi bids were received by the County Supervisors for furnishing the county with a road tractor, these being the Holt Manufacturing Co., of Stockton and the C. L. Best Gas Traction Co., of San Leandro. Both bids were referred to the Contract Committee for report.

FRESNO, FRESNO CO., CAL.—Highway improvement. Cost not stated. Engineer, County Surveyor, Fresno. Owners, Fresno County. Plans for the improvement of the county road from Sanger to Hume by the elimination of the heavy grades and the construction of a new road, six miles in length, from Millwood to connect with the state road at Cherry Point, have been approved by the directors of the Commercial Club and the managing director was instructed to prepare resolutions and submit them in person to the Supervisors.

STOCKTON, SAN JOAQUIN CO., CAL. —Highway improvement. Cost not stated. Engineer, County Surveyor Stockton. Owners, San Joaquin County. The San Joaquin County Supervisors have approved plans and specifications for improving the Mariposa road from Sanguinetti's corner to the crossing of the Santa Fe Railroad. Bids will be called for on April 3rd. Plans may be had from the County Clerk at Stockton.

SPOKANE, WASH.—Drainage system, $200,000 Engineer, City Engineer, Spokane. Owners, City of Spokane. Commissioner of Public Works Funk reports that plans for a proposed sewer system to drain the business section are prepared and will present them to the Council at an early date. Plans provide for a reinforced concrete system with pipe 5½ feet in diameter.

YREKA, SISKIYOU CO., CAL.—Road construction. Cost as follows. Engineer, County Surveyor, Yreka. Owners, Siskiyou County. Owing to the snow lying on the mountain sides, thereby preventing prospective bidders on the Forest House Mountain road from making estimates of the amount of earth and rock to be removed, only one bid was received by the Supervisors. It was in the amount of $19,-598.34, which was considered excessive, and was rejected. The Board immediately called for new bids to be opened April 2nd, at which time they expect to let the contract for this four miles of hard surface road over Forest House Mountain on the Scott Valley Side.

REDWOOD CITY, SAN MATEO CO., CAL.—Septic tank, reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The County Supervisors at their last meeting instructed the County Surveyor to prepare plans and specifications for the construction of a septic tank at the County Farm and Horse Hospital. Bids will be called for on completion of plans.

Contract Awarded.

SAN FRANCISCO—Street improvement. Cost as follows. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. A contract for street improvement has been awarded by the Board of Public Works as follows: The improvement of Railroad avenue, from a line at right angles to the east line of Railroad avenue at its intersection with the north line of San Bruno avenue, by the construction of granite curbs, artificial stone sidewalks, a basalt block pavement on a concrete foundation and by the construction of basalt block gutters on the roadways. Awarded to J. H. Smith, Monadnock Bldg., S. F., for $47,219.26.

SAN FRANCISCO — Vitrified brick. Cost as follows Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contractors, California Brick Co., 110 Jessie street, S. F. Contract price, $25 and $22.50 per thousand

MODESTO, STANISLAUS CO., CAL.—Street improvement Cost as follows. Engineer, City Engineer, Modesto. Owners, City of Modesto. The City Council has awarded contracts for the improvement of L street, from 9th to 10th street; 11th street, from K to L street, and 13th street, from K to L, to the Central California Paving Co., 12 Schafer Bldg., Modesto, on its bid of: Grading, 1½c per square foot; paving, 13½c per square foot; cement concrete gutters, 16c per square foot; cement concrete curb, 41c per lineal foot.

WOODLAND, CAL.—Sidewalk construction. Cost not stated. Engineer, City Engineer, Woodland. Owners, City of Woodland. The City Trustees have awarded a contract to John Campbell, 713 North street, Woodland, for constructing concrete sidewalks 5 feet wide on portions of the following streets: First street, 5th street, Lincoln avenue, 3rd street, Pendegast, Bartlett avenue, 4th street, Clover street, North street and Oak avenue.

STOCKTON, SAN JOAQUIN CO., CAL. —Street improvement, $1,606.82. Engineef, City Engineer, Stockton. Owners, City of Stockton. Contractors, Heafey & Tobin, Stockton. Contract price, $1,606.82.

STOCKTON, SAN JOAQUIN CO., CAL. —Sewer pumping plants, $2,950. Engineer(City Engineer, Stockton. Owners, City of Stockton. Contractors, Electric and Machine Equipment Co., 124 North Eldorado street, Stockton. Contract price, $2,950 and an engine now owned by the City

STOCKTON, SAN JOAQUIN CO., CAL. —Highway construction. Cost as follows. Engineer, County Surveyor,

Stockton. Owners, San Joaquin County. Two bids were received by the San Joaquin County Supervisors for converting the New Hope Landing road into an oil macadam highway, and the contract was awarded to Moreing Bros., Commercial Savings Bank Bldg., Stockton, at $13,731.35. The only other bidder was M. Blumenkranz at $14,219.50.

MADERA, MADERA CO., CAL. Road grading, $2,750. Engineer, County Surveyor, Madera. Owners, Madera County. Contractor, R. L. Wood, Madera, grading the new Frizelle road. Contract price, $2,750.

SANTA ROSA, SONOMA CO., CAL.—Woven wire fence. Cost as follows. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County. Contractors, Call Construction Co., S. F. Contract price, 7.6c per linear foot and $11.50 per gate.

PORTLAND, ORE.—Viaducts, reinforced concrete and steel, $506,457.50. Engineer, City Engineer, Portland. Owners, City of Portland. Contractors, Pearson Construction Co., Seattle, Wash. Contract price, $506,457.50.

NAPA, NAPA CO., CAL.—Rock conveyor, $1,420. Engineer, County Surveyor, Napa. Owners, Napa County. Contractor, Ernest Moyer, 346 Montgomery street, Napa. Contract price, $1,420.

OAKLAND, CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Commissioners have awarded a contract to Hutchinson Co., 13th and Franklin streets, Oakland, for the following work: That Noble street, from Seminary avenue to 62nd avenue, be graded, curbed with redwood, guttered with concrete gutters 3 feet wide, paved with oil macadam and sidewalked with cement sidewalks 6 feet wide.

SAN FRANCISCO—Street improvements. Cost as follows. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works as follow: The improvement of Manchester street, between Bessie and Stoneman streets, by the construction of granite curbs, a cobblestone pavement with basalt block gutters from Stoneman street to a line 60 feet north therefrom, and a basalt block pavement on sand with gravel filler with basalt block gutters from Bessie street to a line 60 feet north from Stoneman street. Awarded to C. B. Eaton, 107 11th street, for $1,818.35.

The improvement of Naples street, between France and Russia avenues, by the construction of granite curbs, a 7-foot strip of basalt block pave on concrete with gravel filler adjacent to the center line from Russia avenue to a line 100 feet on a 6-inch concrete foundation and a 2-inch asphaltic wearing surface. Awarded to Flinn & Treacy, 104 First National Bank Bldg., for $1,495.

The improvement of Sillman street, between Hamilton and Bowdoin Sts., by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy for $870.

The improvement of the west side of Leavenworth street, between Union and Filbert strets, by the construction of artificial stone sidewalks 6 feet wide where not already constructed at least 6 feet wide. Awarded to Owen McHugh, 301 Russ Bldg., for $95.63.

RIVERSIDE, RIVERSIDE CO., CAL. Highway construction, $10,360. Engineer, County Surveyor, Riverside. Owners, Riverside County. Contractor, J. S. Miller, Santa Monica. Contract for 3½ miles of highway, $10,360.

MANHATTAN BEACH, LOS ANGELES CO., CAL.—Promenade, $55,952.03. Engineer, City Engineer, Manhattan Beach. Owners, Town of Manhattan Beach. Contractors, Redondo Construction Co., Redondo. Contract price, $55,952.03.

STORES AND OFFICES.

SAN FRANCISCO—Store, 1 story and base, Class C construction, $10,000. Architects, O'Brrien Bros., 240 Montgomery street, S. F. Owner, Mr. J. McCarty. Location, south Clay street 25 feet east Drumm, covering an area of 25 by 60 feet. Plans complete and contract for piling let to C. E. Lambruth. Balance of the work out for figures.

SAN FRANCISCO—Undertaking parlor, 2 story and base, frame, $14,000. Architect, Carl Geilfuss, 46 Kearny St., S. F. Owners, Monahan Bros. Location, northwest 16th and Dolores Sts., covering covering an area of 50 by 85 feet. Plans complete and contracts to be signed at once.

SAN FRANCISCO—Market, 1 and 2 story, Class C construction, $8,000. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner, Mr. De Martini. Location, northwest Union and Grant avenue, covering an area of 39 by 90 feet. Plans are being prepared.

SAN FRANCISCO—Store alterations, etc., $7,000. Architects, Ward & Blohme, Alaska-Commercial Bld., S. F. Owners, California Packing Corp. Location, southwest California and Davis Sts. Work will include some structural steel, ornamental plastering, electric work and plumbing. Plans complete and figures being taken.

OAKLAND, CAL.—Offices, 6 story and base, Class A construction. Cost not stated. Architect, Colby, 333 Grant avenue, S. F. Owners, Pacific Tel. and Tel. Co. Location, west Franklin between 17th and 18th streets. Will cover an area of 60 by 120 feet. Plans are being prepared.

OAKLAND, CAL.—Offices, 2 story and base, frame, $5,000. Architect, none. Owners, Hanlon Drydock and Ship Building Co. Location, foot of 5th street. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Offices addition and alteration, 5 story, Class A construction, $75,000 to $100,000. Architects, Woollett & Woollett, Highland Place and Ridge Road, Berkeley. Owners, Physicians' Building. Location, 10th and K streets. Plans are being prepared.

LOS ANGELES, CAL. Stores and lofts, 2 story and base, Class C construction. Cost not stated. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, W. H. Harrelson. Location, East Third street near Wall, covering an area of 100 by 97 feet. Plans complete and figures being taken.

THEATRES.

OAKLAND, CAL.—Theatre, 2 story and base, Class A construction, $25,000. Architect's name not given. Owner

[redacted] & [redacted] of [redacted] Theatre [redacted] Oakland [redacted] Alameda [redacted] Theatre [redacted] Oakland [redacted] Alameda [redacted] Theatre [redacted] Oakland [redacted] Alameda

[illegible] Springville [illegible]

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 6, 1917. SEALED PROPOSALS will be received at this office **at 3 P. M., April 20, 1917,** for the construction of the United States Post Office and Courthouse at Las Cruces, New Mexico, and specifications and specifications may be obtained from the custodian of the site at Las Cruces, New Mexico, or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect. (*)

NOTICE TO CONTRACTORS.

OFFICE OF CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. — SEALED PROPOSALS in triplicate, for improvements to Water Supply System, Presidio of San Francisco, will be received here **until 11 A. M., April 7, 1917,** and then opened. Further information on application. (*)

PROPOSALS FOR BUILDING.

BUILDING, ETC. Sealed proposals entered Proposals for Magazine Buildings, Puget Sound," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 26, 1917,** and then and there publicly opened, for one guardhouse built entirely of wood frame construction, with plastered interior walls and ceilings, and plumbing, heating and lighting system, two filling houses of wood frame construction and having the exterior surfaces covered with galvanized corrugated steel and a brick extension to building No. 18 at the naval magazine, Puget Sound, Wash. Drawings and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. F. R. HARRIS, chief of bureau.

CALIFORNIA'S REAL STATE FAIR.

California is to have a real State Fair.

The wonders which Minnesota worked are to be duplicated in this State.

A revivified, broadened State Fair that will serve California adequately in agriculture, education, manufactures and all the varied activities, is the vision which John M. Perry, President of the State Board of Agriculture, with the assistance of the Directors, will strive to write into actuality.

A permanent Building plan, beautification of the grounds, centering of improvements in agriculture, manufactures or trade, progress in education and fine arts, will be combined to effect a State Fair the fame of which will spread abroad.

The first steps toward that goal are being taken in the annual meeting of the Board of Directors now in session at Sacramento. With Perry and the directors leading the way the ultimate success depends upon the active assistance and co-operation of all sections of the State.

"California should be ashamed of its present State Fair," said Perry. "In its State University, its State Farm, in its Capitol buildings it has kept abreast of the times. In its State Fair it has lagged far behind much smaller and poorer states.

"A State Fair is not a sectional activity. Sacramento rightly possesses it as the Capital of the State and because of its accessibility, but it is bigger and broader than a mere Sacramento affair. It embraces the whole State, crystallizing agriculture, education, manufacturing and all the works of California into a compact, attractive mosaic whose fame should send the lure of California over the whole land.

"Minnesota, for instance, by its State Fair draws from every state of the Union. Farmers, manufacturers, educators, men and women in all walks of life travel far to attend it. Its telling story brings more settlers to Minnesota than would advertising posters strung across the whole country, or a thousand lecturers orating for a year.

"Advertisements and speakers allege; State Fairs prove and in this hard-headed age, only proof brings results.

"California should have such a State Fair, proof not only of her wonderful agricultural results, her cattle and livestock, her fruit trees, but proof of her educational advantages, opportunities for women's work, her healthfulness and the very joy of living in this wonderful State of ours.

"The State Fair should also be the School of Experience, besides which other methods of learning are ineffective. It should be a mart for the exchange of ideas by which farmers can keep abreast of each little improvement in their business, educators learn of systems that have proved their worth, women discuss problems interesting them, manufacturers keep abreast of progress, and every man be annually educated in the advance California and the world are making in every trade and art.

"A State Fair means concentrated knowledge and affords an education that a man could not obtain single-handed in a three month's investigation.

"But for such a State Fair there must be an adequate and artistic setting and equipment. Demands for space and facilities crowd the present quarters beyond their capacity. The State Fair must grow or die.

"The days of haphazard building are over. The Directors today have a well-considered permanent building plan, the carrying out of which will provide beautifully parked grounds and fireproof buildings that will provide the necessities and conveniences demanded by a modern State Fair.

"To that plan the Directors will adhere pushing forward each year as rapidly as possible. The buildings planned are a $300,000 pavilian to replace the one destroyed by fire; a $185,000 grand stand; a $75,000 educational building; a $45,000 addition to the machinery building; a $45,000 addition to the manufacturing building and a $100,000 coliseum.

"The $300,000 pavilion has been approved by the State Board of Control and will undoubtedly, pass this year. But, urgently needed also is the $62,500 appropriation for the purchase of some twenty acres of land, absolutely necessary for the space demands made upon the State Fair.

"The other buildings are needed immediately, but if they cannot be obtained this year, they should be asked at the next Legislature as part of the permanent building plan. All California should keep that plan in mind as the goal which should be reached.

"In minor matters the Directors are actively proceeding to raise the State Fair to a higher standard. The Board now has under consideration turfing the infield of the race-tract, with the possibility that important polo matches may be held there this Fall.

"With the assistance of experts employed in other departments of the State, a landscape plan is being drawn for the planting of trees and shrubs to make the fair grounds the beauty spot they should be.

"California is rich enough and the benefits great enough to secure the kind of State Fair she should have. When that day comes the California State Fair will take its place alongside the fairs of States like Minnesota. There in Minnesota every community actively backs the Fair for its advantages are known and appreciated.

"All California should likewise unite that this State may have a real State Fair. A proper State Fair is as important to the people of Siskiyou or Imperial as it is to those of Sacramento or Yolo. Its benefits are State-wide.

"California cannot be proud of its present State Fair. She should raise in her might to construct one whose fame would be world-wide."

VISALIA, Tulare Co., Cal.—By a vote of more than two-thirds majority the voters of Tulare County have authorized the issuing of bonds at $2,200,000 with which to build a system of paved highways, totaling more than 223 miles. The pavement will be similar to that used on the State highway.

WOODLAND, Yolo Co., Ca.,—The State Board of Control has purchased the $30,000 issue of bonds of the Washington School District and work on the building to be erected from the proceeds of the sale will be started shortly.

ORLAND, Cal.—The Johnson garage is to be enlarged. An addition, 37x42 feet in size is to be built at once. This new part will be used exclusively for shop work, and will be equipped with a complete outfit for doing all varieties of work incident to automobile repair.

COLUSA, Colusa Co., Cal.—Neil O'Donnell, proprietor of the Commercial rooming house, intends to enlarge and improve his building. The addition will be made in he rear and will extend to an alley. The addition will make the structure at least 25 per cent larger than it is at present.

BENJAMIN R. WOLCOTT, DOORKEEPER FOR BUILDERS' EXCHANGE PASSED INTO ETERNITY.

It will be a shock to the many friends of Benjamin R. Wolcott, Doorkeeper of the Builders' Exchange, to learn that he has gone to the great beyond.

He was on duty at the Exchange as usual up to Wednesday noon, when he complained of not feeling well and went to his home in Berkeley. He passed away the following day.

Funeral ceremonies will be held today

HENRY A. TESSMER PIONEER BUILDER OF SAN FRANCISCO TO BE BURIED TODAY.

Henry A. Tessmer, one of the founders of the General Contractors' Association, died last Wednesday after a brief illness. Funeral will be held today at 10:30 o'clock from Grace Lutheran Church, Bacon and Berlin streets, San Francisco.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

FLATS—3 story and base, frame, $10,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter St., S. F. Owner's name not given. Location Taylor near Union. Will contain three residential flats of six and seven rooms. Basement garage. Plans are being prepared.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, none. Owners, Hemminga Bros., 10 Ashbury street, S. F. Location, north California east 21st avenue, covering an area of 25 by 58 feet. Will contain two flats of five and six rooms. Basement garage. Plans complete and work to be done by Day Labor.

FLATS—2 story and base, frame, $8,000. San Francisco. Architect, Paul F. De Martini, 2123 Powell street, S. F. Owner's name withheld. Location, 24th avenue and Geary street. Will contain four flats of five rooms and bath. Basement garage. Plans being prepared.

APARTMENT HOUSE—3 story and base, frame, $30,000. San Francisco. Architects, Rousseau & Rousseau, 110 sutter street, S. F. Owner's name not given. Location, Geary near Baker. Will contain stores on the first floor and a number of three and four room apartments on the upper floors. Plans are being prepared.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, George R. Newsom, 14th and Guerrero streets, S. F. Location, east Dolores south 14th. Will contain four flats of four and fiev rooms. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architect, none. Owner, William J. Keenan, 2 Atalaya Terrace, S. F. Location, northeast Atalaya Terrace and Fulton street, covering an area of 72½ by 107 feet. Will contain 25 suites of four and five rooms. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,500. San Francisco. Architect, none. Owners, Johnson & Johnson, 844 14th street, S. F. Location, east 7th avenue north Kirkham. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $5,500. San Francisco. Architect, Frederick L. Boese, Call-Post Bldg., S. F. Owners, Co-operative Home Builders, 1125 Fillmore street, S. F. Location, southwest Geary and 45th avenue. Will contain eight rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—4 story and base. Class C construction, $45,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Fifty Vara District. Will contain a total of 15 suites of two and three rooms. Plans are being prepared.

RESIDENCE—2 story and base, brick veneer, $25,000. San Francisco. Architect, J. R. Miller, Lick Bldg., S. F. Ownner, Arthur O. Hooper. Location, south Broadway east Fillmore. Will contain twelve rooms, four baths and conservatory. Separate garage. Plans complete and figures have been taken under advisement.

RESIDENCE — 2 story and base, frame. Cost not stated. San Francisco. Architects, Foulkes & Hildebrandt, Crocker Bldg, S. F. Owner, Herbert F. Hellwig. Location, St. Francis Wood. Will contain seven rooms and bath. Separate garage. Plans being prepared.

RESIDENCES—4, 1½ story and base, frame, $4,000 each. San Francisco. Architect, none. Owner, C. S. Allred, 150 Onondago avenue, S. F. Location, north Merced avenue east Kensington. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—6 story and base, reinforced concrete, $50,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner's name withheld. Location, Irving street, Sunset District. Will contain a number of three and four room suites. Plans have been revised and figures will be called for shortly.

RESIDENCE — 1 story and base, frame, $3,000. San Francisco. Architect, none. Owner, J. H. Thorup, 279 26th avenue, S. F. Location, east 24th avenue north Balboa. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

WAREHOUSE—4 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers Investment Bldg., S. F. Owners, Union Iron Works. Location, 20th and Illinois streets, covering an area of 50 by 200 feet. Plans are being prepared.

APARTMENT HOUSE ALTERATION—2 story, frame, $3,500. San Francisco. Architect's name not given. Owner, T. J. Wrampelmeirer, Monadnock Bldg., S. F. Location, Van Ness and Greenwich. Work will consist of interior alterations and will include plumbing, heating, electric work, plastering and painting. Plans are complete and work to be done by Day Labor.

CHURCH—1 and 2 story. Class C construction, $30,000. San Francisco. Architect, Charles A. Haber, Monadnock Bldg., S. F. Owners, Fitzgerald Memorial Methodist Church. Location, south Bush east Taylor. Will contain auditorium and Sunday school rooms. Plans are being prepared.

FLATS—3, 2 story and base, frame, $4,000 each. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. A. Janssen. Location, east 24th avenue north Geary. Each building will contain two flats of five rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

HOTEL ALTERATIONS—3 story frame, $3,500. San Francisco. Architect, W. G. Hind, 46 Kearny street, S. F. Owner, H. Faubert, 2004 McAllister street, S. F. Location, McAllister west Central avenue. Work will consist of new interior partitions, plastering, plumbing, painting and electric work. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, $2,000 each. San Francisco. Architect, none. Owner, Victor Bjors, 559 Sanchez street, S. F. Location, north Clipper east Sanchez. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCES—4, 1½ story and base, frame, $3,000 each. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, The Dawson Co. Location, 47th avenue and Cabrillo. Each dwelling will contain seven rooms, two baths and basement garage. Plans complete and segregated figures being taken.

SCHOOL FIRE ESCAPES—Cost not stated. San Francisco.. Architect, none. Owners, City and County of San Francisco. Plans for fire escapes for the Irving H. Scott and Hawthorne Schools are nearing completion in the Bureau of Architecture of the San Francisco Board of Works, and bids for the construction of same will be called for next week.

MARKET—1 and 2 story. Class C construction, $8,000. San Francisco. Architect, Paul F De Martini, 2123 Powell street, S. F. Owner, Mr. De Martini. Location, northwest Union and Grant avenue, covering an area of 39 by 90 feet. Plans are being prepared.

UNDERTAKING PARLORS—3 story and base, frame, $14,000. San Francisco. Architect, Carl Geilfuss, 46 Kearny street, S. F. Owners, Monahan Bros. Location, northwest 16th and Dolores streets, covering an area of 50 by 85 feet. Plans complete and contracts to be signed at once.

STORE—1 story and base. Class C construction, $10,000. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, Mr. J. McCarty. Location, south Clay street 25 feet east Drumm, covering an area of 25 by 60 feet. Plans complete and contract for piling let to C. E. Lambrutn. Balance of the work out for figures.

STORE ALTERATIONS, ETC.—$7,000. San Francisco. Architects, Ward & Blohme, Alaska-Commercial Bldg., S. F. Owners, California Packing Corp. Location, southwest California and [illegible]. Work will include structural steel, ornamental plastering, [illegible] work and [illegible] complete and figures [illegible]

Contract Awarded.

IMPROVEMENTS OF WATER SUPPLY SYSTEM—Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Location, Presidio of San Francisco. Bids will be opened on March 20 for improvements to the present water supply system.

STREET IMPROVEMENTS—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contracts for street improvements have been awarded by the Board of Public Works as follow. The improvement of Manchester street, between Bessie and Stoneman streets, by the construction of granite curbs, a cobble stone pavement with basalt block gutters from Stoneman street to a line 60 feet north therefrom, and a basalt block pavement on sand with gravel filler with basalt block gutters from Bessie street to a line 60 feet north from Stoneman street. Awarded to [illegible] Hutton, 407 14th street, for $1,[illegible].

The improvement of Naples street, between France and Russia avenues, by the consrtuction of granite curbs, a 7-foot strip of basalt block pavement on concrete with gravel filler adjacent to the center line from Russia avenue to a line 100 feet on a 6-inch concrete foundation and a 2-inch asphaltic wearing surface. Awarded to Flinn & Treacy, 401 First National Bank Bldg., for $1,195.

The improvement of Sillman street, between Hamilton and Bowdoin streets, by the construction of concrete curbs and an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy for $870.

The improvement of the west side of Leavenworth street, between Union and Filbert streets, by the construction of artificial stone sidewalks 6-feet wide where not already constructed at least 6 feet wide. Awarded to Owen McHugh, 301 Russ Bldg., for $[illegible].63.

STREET IMPROVEMENT—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. A contract for street improvement has been awarded by the Board of Public Works as follows. The improvement of Railroad avenue from a line at right angles to the east line of Railroad avenue at its intersection with the north line of San Bruno avenue, by the construction granite curbs, artificial stone sidewalks, a basalt block pavement on a concrete foundation and by the construction of basalt block gutters on the roadways. Awarded to J. H. Smith, Monadnock Bldg., S. F., for $47,219.26.

VITRIFIED BRICK—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Contractors, California Brick Co., 110 Jessie street, S. F. Contract price $25 and $22.50 per thousand.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor.	Amt.
602	Webster	Reeder	985
603	Herman	Keenan	3412
604	Somers	Bos	8080
605	Same	Wm. Furnace	995
606	Weinstein	Parry	2000
607	Weinstein	Parry	2000
608	Yager	Yager	30000
609	Freeborn	Nimmo	3400
610	Pac Elstng	Montgomery	1000
611	von Krackee	von Krackee	600
612	Jorgensen	Jorgensen	400
613	McLeran	Jarvis	500
614	Hemminga	Hemminga	5000
615	Stand. Oil	Stand. Oil	750
616	Wakelee	Fed Sign	400
617	Swanston	Bessett	850
618	Hughes	Hughes	400
619	Mayer	Hanlon	525
620	Tiscornia	Tiscornia	500
621	Keenan	Keenan	25000
622	Rudolph	Holmgren	2650
623	Meyerfeld	Barrett	29500
624	Pacific G & E Co.	Owner	38000
625	Villain	St. Francis Bldg	5000
626	Holmgren	Holmgren	1900
627	Parpoli	Sorbi	3900
628	Somers	Smith	400
629	Osborn	Monson	5000
630	Hind	Hatch	4500
631	Same	Same	4500
632	Murphy	Nelson	3000
633	Co-Op. Bldrs	Owner	5500
634	Same	Same	2500
635	Holmgren	Holmgren	1900
635	Johnson	Swanson	3300
636	Beardmore	Rednall	4680
637	Johansen	Petersen	2200
638	Hooper	Hannah	11294
639	Skelly	Coburn	8990
640	Gnecco	Holt	14500
641	Janssen	Janssen	4000
642	Same	Same	4000
643	Same	Same	4000
644	Keenan	Keenan	20000
645	Johnson	Johnson	3500
646	Binz	Binz	900
647	Mathai	Johnson	1000
648	Same	Same	1000
649	Maltby	Pegel	500
650	Pioversan	Smith	1000
651	Pissens	Pissens	400
652	Allred	Allred	4000
653	Same	Same	4000
654	Same	Same	4000
655	Same	Same	4000
656	Gunst	Robinson	450
657	Borck	Simmen	600
658	Sharkey	Short	450
659	Newsom	Newsom	5000
660	Bjors	Bjors	2000
661	Same	Same	2000
662	Webster	Spargo	2755
663	Morabito	Nelson	5670
664	Hund	Barrett	7800
665	Homestead	Grahn	1500
666	Same	Same	1500
667	Same	Same	1500
668	Same	Same	1500
669	Same	Same	1500
670	Same	Same	1500
671	Hansen	Grahn	1500
672	Westhpal	Anderson	1975
673	S F Baseball	Owsley	4000
674	Lyons	Murray	450
675	Thorup	Thorup	2950
676	Edwards	Jacobsen	5000
677	Campbell	Campbell	5000
678	Hastings	Sullivan	2790
679	Cal Pkg	Hjul	7167
680	Hind	Jones	4500
681	Hind	Jones	4500

(Correction, Cost Omitted)

ALTERATIONS

(569) NO. 408 GRANT AVE. Alter store.
Owner.....Louis Friedman, Premises.
Architect ...None.
Contractor..J. J. Hannaberry, 1550 Turk, San Francisco.
COST, $400

EXCAVATING, ETC.

(602) SE CLAY AND DRUMM. Excavating, bulkheading, pumping during excavation for building.
Owner.....George A. Webster, 233 Drumm, San Francisco.
Architect ...O'Brien Bros., 240 Montgomery, San Francisco.
Contractor..C. E. Lamburth, 118 Capp, San Francisco.
Sub-Contractor..A. J. Reeder, 110 Jessie San Francisco.
Filed Mar. 5, '17. Dated Feb. 28, '17.
Ready for pile driving.....$370
Grading completed 370
Usual 35 days..... 245
TOTAL COST, $985
Bond, 492.50. Surety, New Amsterdam Casualty Co. Limit, forfeit, plans and specifications, none.

FRAME DWELLING

(603) N BALBOA 95 E Third Ave. All work for one-story and basement frame dwelling.
Owner.....C. Herman, 3rd Ave and Balboa, San Francisco.
Architect ...None.
Contractor..H. C. Keenan, 300 Webster, San Francisco.
Filed Mar. 5, '17. Dated Mar. 2, '17.
Frame up $853
Brown coated 853
Completed 853
Usual 35 days..... 853
TOTAL COST, $3412
Bond, none. Limit, 95 days. Forfeit, none. Plans and specifications filed.

CONCRETE BUILDING

(604) E VAN NESS AVE 72 S California E 145-3 S 65-6 E 25 N 137-6 W 170-3 S 72. General work for two-story reinforced concrete building.
Owner.....George B. Somers, 2662 Vallejo, S. F.
Architect ...Clarence A. Tantau, 519 California, S. F.
Contractor..George A. Bos, Hearst Bldg., San Francisco.
Filed Mar. 5, '17. Dated Feb. 5, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8080
Bond, $4040. Surety, Massachusetts Bonding & Insurance Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(605) SHEET METAL WORK ON above.
Contractor..Western Furnace & Cornice Co., 1645 Howard, S. F.
Filed Mar. 5, '17. Dated Feb. 5, '17.
Payments same as above.....
TOTAL COST, $995
Bond, $500. Surety, The Aetna Accident & Liability Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE

(606) NW BERLIN 100 SE Felton SE 120xNW 125. All work for one-story and basement 4-room and bath frame cottage.
Owner.....Sarah Weinstein.
Designer ...Alfred Halling, 373 Wilde, San Francisco.
Contractor..T. H. Parry, 222 Raymond San Francisco.
Filed Mar. 5, '17. Dated Feb. 28, '17.
Foundation constructed and basement frame up $352
Entire frame up..... 412
Completed and accepted..... 412
Roof on and brown coated..... 412
Usual 35 days..... 412
TOTAL COST, $2000
Bond, $1000. Sureties, Almarin A. Stillman and W. D. Stephenson. Limit, 90 days from March 1, 1917. Forfeit, $10. Plans and specifications filed.

FRAME COTTAGE

(607) NE BERLIN 125 SE Felton SE 25xNE 120. All work for one-story and basement four-room and bath frame cottage.
Owner.....Sarah Weinstein.
Designer ...Alfred Halling, 373 Wilde, San Francisco.
Contractor..T. H. Parry, 222 Raymond San Francisco.
Filed Mar. 5, '17. Dated Feb. 28, '17.
Foundation constructed and basement frame up $352
Entire frame up..... 412
Roof on and brown coated..... 412
Completed and accepted..... 412

Usual 35 days..... 112
TOTAL COST, $2000
Bond, $1000. Sureties, Almarin A. Stillman and W. D. Stephenson. Limit, 90 days from March 1, 1917. Forfeit, $10. Plans and specifications filed.

BRICK APARTMENTS
(608) N POST 110 W Leavenworth W 27-6x137-6. All work for four-story brick apartments.
Owner.....Grace and W. W. Yager, 1539 Clay, San Francisco.
Architect ...None.
Contractor..W. W. Yager, 1485 Pine, San Francisco.
Filed Mar. 6, '17. Dated Mar. 6, '17.
Roof on $7500
1st coat plaster on..... 7500
Completed and accepted..... 7500
Usual 35 days..... 7500
TOTAL COST, $30,000
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications none.

ALTERATIONS
(609) NO. 560 MARKET. Alter 2d and 3d floors.
Owner.....Freeborn Estate Co.
Architect ...Weeks & Day, Phelan Bldg., San Francisco.
Contractor..Geo. Nimmo, 634 Clay, San Francisco.
COST, $3400

FRAME TOOL HOUSE
(610) S BAY 185 E Grant Ave. One-story frame tool house.
Owner.....Pacific Stevedoring & Ballasting Co., 72 Fremont, San Francisco.
Architect ...None.
Contractor..E. J. Montgomery, 1320 Broadway, S. F.
COST, $1000

FRAME STORAGE ROOM
(611) E BRYANT 50 S 26th. One-story frame storage room.
Owner.....W. Estees von Krackee, 2801 Bryant, S. F.
Architect ...None.
Day's work. COST, $600

FRAME DWELLING
(612) S RIPLEY 210-9 W Alabama. One-story and basement frame dwlg.
Owner.....K. H. Jorgensen, 11 Waltham, San Francisco.
Architect ...None.
Day's work. COST, $100

SIGN
(613) NO. 141 POWELL. Electric sign
Owner.....McRorie & McLaren, Prem.
Architect ...None.
Contractor..Wm. P. Jarvis, 2604 Fruitvale Ave., Oakland.
COST, $500

FRAME FLATS
(614) N CALIFORNIA 107-6 E 21st Ave. Two-story and basement frame (2) flats.
Owner.....Hemminga Bros., Inc., 40 Ashbury, San Francisco.
Architect ...None.
Day's work. COST, $5000

STATION
(615) NE BAKER AND HAYES. One-story steel station.
Owner.....Standard Oil Co., 200 Bush, San Francisco.
Architect ...None.
Day's work. COST, $750

(616) NO. 58 MARKET. Electric sign
Owner.....Wakelee's Drug Co., Prem.
Architect ...None.
Contractor..Federal Sign System Elec., 618 Mission, S. F.
COST, $400

(617) SW RHODE ISLAND & DIVISION. Move one-story frame and add to same.
Owner.....C. Swanston & Sons, 25 Rhode Island, S. F.
Architect ...None.
Contractor..C. H. Bessett 343 29th Ave. San Francisco.
COST, $850

ALTERATIONS
(618) NW CLAYTON AND HAIGHT. Alter store.
Owner.....Sarah M. Hughes, Clayton Apartments, S. F.
Architect....Chas. F. Whittlesey, 555 Clayton, San Francisco.
Day's work. COST, $400

REPAIRS
(619) NO. 1224 RAIL ROAD AVE. Repair fire damage.
Owner.....Fred C. Mayer, 3948 26th, San Francisco.
Architect ...None.
Contractor..Frank S. Hanlon, 1007 Mendell, S. F.
COST, $525

REPAIRS
(620) NW VIENNA 150 NE Avalon. Repair fire damage.
Owner.....D. Tiscornia, 548 Paris, San Francisco.
Architect ...None.
Day's work. COST, $500

FRAME APARTMENTS
(621) NE ATALAYA AND FULTON. Three-story and basement frame (25) apartments.
Owner.....Wm. J. Keenan, 2 Atalaya Terrace, San Francisco.
Architect ...None.
Day's work. COST, $25,000

FRAME COTTAGE
(622) LOT 17 BLK 22 Crocker Amazon Tract. All work for five-room frame cottage.
Owner.....Julius and Marie A. Rudolph.
Plans by Contractor.
Contractor..Victor Holmgren, 1206 Naples, San Francisco.
Filed Mar. 7, '17. Dated Mar. 6, '17.
Frame up $650
Plastered 650
Finished 650
Usual 35 days..... 700
TOTAL COST, $2650
Bond, none. Limit, 60 days. Forfeit, $1. Plans and specifications filed.

ALTERATIONS
(623) N GEARY 40-6 E Grant Ave E 40-1¼xN 60. Alterations to reinforced concrete Class "C" building.
Owner.....Morris Meyerfeld Jr., 147 O'Farrell, San Francisco.
Architect ...G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Mar. 7, '17. Dated Mar. 7, '17.
Wrecking done and footings poured $2000
2nd floor poured..... 3000
4th floor poured..... 3500
Roof poured 4000
Roof on, lathing completed and plumbing roughed in 3500
Interior & exterior plaster done 3500
Completed and accepted 2500
Usual 35 days..... 7500
TOTAL COST $29,500
Bond, $15,000. Surety, Guardian Casualty & Guaranty Co. Limit, 115 days. Forfeit, $5. Plans and specifications filed.

SUB-STATION
(624) SE LEXINGTON AVE AND 19TH Steel frame hollow tile walls substation.
Owner.....Pacific Gas & Electric Co., 445 Sutter, S. F.
Architect ...Civil Eng. Dept. Pacific Gas & Elec. Co., 445 Sutter, San Francisco.
Day's work. COST $38,000

FRAME RESIDENCE
(625) LOT 1 BLK 2, St. Francis Wood. Two-story and basement frame residence.
Owner.....Dr. A. J. Villain, 524 21st Ave., San Francisco.
Architect ...H. H. Gutterson, 278 Post, San Francisco.
Contractor..St. Francis Home Bldg. Co., 278 Post, San Francisco.
COST, $5000

FRAME DWELLING
(626) NE CORODVA & SERVILLE. One-story and basement frame dwlg.
Owner.....Victor Holmgren, 1206 Naples, San Francisco.
Architect ...None.
Day's work. COST, $1900

FRAME FLATS
(627) W SANCHEZ 25 N 30th. Two-story and basement frame (2) flats and store.
Owner.....M. Parpoli, 69 Coleridge, San Francisco.
Architect ...None.
Contractor..A. Sorbi 353 Edinburgh, San Francisco.
COST, $3900

BRICK STORES
(628) S MISSION 140 E Seventh. One-story brick (2) stores.
Owner.....Somers & Co., 240 California, San Francisco.
Architect ...None.
Contractor..Chas. O. Smith, 2217 Ward, Berkeley.
COST, $4000

BRICK STORES
(629) S MISSION 121 E Ninth. One-story and basement brick stores.
Owner.....E. T. Osborn, Clunie Bldg., San Francisco.
Architect ...D. C. Coleman, 504 Clunie Bldg., San Francisco.
Contractor..Monson Bros., 180 Jessie, San Francisco.
COST, $5000

FRAME DWELLING
(630) E SEVENTEENTH AVE 275 S Cabrillo. Two-story and basement frame dwelling.
Owner.....Geo. W. Hind, Hind Bldg., San Francisco.
Architect ...E. E. Young, 251 Kearny.
Contractor..Jones & Hatch, 180 Jessie, San Francisco.
COST, $4500

FRAME DWELLING
(631) E SEVENTEENTH AVE 300 S Cabrillo. Two-story and basement frame dwelling.

Owner.....G. W. Hind, Hind Bldg., San Francisco.
Architect...E. E. Young, 251 Kearny.
Contractor...Jones & Hatch, 180 Jessie, San Francisco.
COST, $4500

FRAME RESIDENCE
(632) W TWENTIETH AVE 150 S Geary. Two-story and basement frame residence.
Owner.....D. Murphy, 127 20th Ave., San Francisco.
Architect...None.
Contractor...N. J. Nelson, 547 Elizabeth St., San Francisco.
COST, $3000

FRAME DWELLING
(633) SW GEARY AND FORTY-FIFTH Ave. Two-story and basement frame dwelling.
Owner.....Co-operative Home Bldrs. Co., 1125 Fillmore, S. F.
Architect...F. L. Boese, New Call Bldg., San Francisco.
Day's work. COST, $5500

FRAME DWELLING
(634) S GEARY 25 W Forty-fifth Ave. Two-story and basement frame dwlg.
Owner.....Co-Operative Home Bldrs. Co., 1125 Fillmore, S. F.
Architect...F. L. Boese, New Call Bldg., San Francisco.
Day's work. COST, $2500

FRAME RESIDENCE
(635) N CLIFFORD 134-7¼ E Upper Terrace E 27-6 N 84-5⅝ W 25 S 86-3½. All work for two-story frame residence.
Owner.....Jennie C. Johnson.
Architect...None.
Contractor...Oscar Swanson, 1283 33rd Ave., San Francisco.
Filed Mar. 8, '17. Dated Mar. 7, '17.
Frame up $825
Brown coated 825
Completed and accepted..... 825
Usual 35 days..... 825
TOTAL COST, $3300
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(636) E LYON 137-1½ N Union N 25-0¾xE 144-8. All work for two-story frame building.
Owner.....Nettie C. Beardmore, 2710 Lyon, San Francisco.
Architect...None.
Contractor...W. W. Rednall, 2500 Filbert, San Francisco.
Filed Mar. 8, '17. Dated Mar. 8, '17.
Rustic and roof on.....$1170
1st coat plaster on..... 1170
Completed and accepted..... 1170
Usual 35 days..... 1170
TOTAL COST, $4680
Bond, $2340. Sureties, H. A. Stroben and J. C. Doherty. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

FRAME DWELLING
(637) W THIRTY-THIRD AVE 275 S Taraval S 25x120. All work for one-story frame dwelling.
Owner.....Mathias Sonne Johansen, Premises.
Architect...None.
Contractor...W. C. Petersen, 243 Fillmore, San Francisco.
Filed Mar. 8, '17. Dated Mar. 6, '17.
Frame up and roof boards on.. ——
Brown coated ..... ——
Completed and accepted..... ——
Usual 35 days..... ——
TOTAL COST, $2300
Bond, limit, forfeit, none. Plans and specifications filed.

BRICK BUILDING
(638) N BUSH 206-3 W Montgomery W 68-9xN 137-6. All work for one-story and machine shop brick bldg.
Owner.....Jos. G. Hooper. 1st Nat'l. Bank Bldg., S. F.
Architect...J. R. Miller, Lick Bldg. San Francisco.
Contractor...J. D. Hannah, Chronicle Bldg., San Francisco.
Filed Mar. 8, '17. Dated Mar. 5, '16.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,294
Bond, $5647. Surety, United States Fidelity & Guaranty Co. Limit, 40 days. Forfeit, $20. Plans and specifications filed.

CLASS "C" STORE BUILDING
(639) E VAN NESS AVE 90 N Turk N 66-6xE 100. All work for one-story Class "C" store building.
Owner.....Mrs. Sarah M. McGee, Jerome C. and Ignatius W. Skelly, 1153 O'Farrell, S. F.
Architect...Mathew O'Brien, 68 Post, San Francisco.
Contractor...Ira W. Coburn, 180 Jessie, San Frencisco.
Filed Mar. 8, '17. Dated Mar. 7, '17.
Roof on $2231
Plastering completed 2232
Completed and accepted..... 2232
Usual 35 days..... 2295
TOTAL COST, $8990
Bond, $4500. Sureties, James Young and A. W. Lawson. Limit, 50 days from issuance of permit Forfeit, $10. Plans and specifications filed.

APARTMENTS
(640) S WASHINGTON 178 E Van Ness Ave E 27-6xS 127-8. All work for three-story and basement apartments
Owner.....M. H. Gnecco, 36 Wood, San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Contractor...O. C. Holt, 110 Jessie, S. F.
Filed Mar. 8, '17. Dated Mar. 6, '17.
Frame up $2718.75
Brown coated 2718.75
Standing finish on..... 2718.75
Completed and accepted..... 2718.75
Usual 35 days..... 3625.00
TOTAL COST, $14,500.00
Bond, $7272. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(641) E FIFTEENTH AVE 50 N Geary Two-story and basement frame (2) flats.
Owner.....E. A. Janssen, 1004 Hearst Bldg., San Francisco.
Architect...C. O. Clausen, Hearst Bldg., San Francisco.
Day's work. COST, $4000

FRAME FLATS
(642) E FIFTEENTH AVE 75 N Geary Two-story and basement frame (2) flats.
Owner.....E. A. Janssen, 1004 Hearst Bldg., San Francisco.
Architect...C. O. Clausen, Hearst Bldg., San Francisco.
Day's work. COST, $4000

FRAME FLATS
(643) E FIFTEENTH AVE 25 N Geary. Two-story and basement frame (2) flats.
Owner.....E. A. Janssen, 1004 Hearst Bldg., San Francisco.
Architect...C. O. Clausen, Hearst Bldg., San Francisco.
Day's work. COST, $4000

FRAME APARTMENTS
(644) W STOCKTON 37-6 N Pine. Three-story and basement frame (23) apartments.
Owner.....C. J. Keenan, 20 Broderick San Francisco.
Architect...None.
Day's work. COST, $20,000

FRAME DWELLING
(645) E SEVENTH AVE 150 N Kirkham. Two-story and basement frame dwelling.
Owner.....Johnson & Johnson, 844 14th, San Francisco.
Architect...None.
Day's work. COST, $3500

ALTERATIONS
(646) NO. 1359 PALOU AVE. Move and alter dwelling.
Owner.....W. H. Binz, Premises.
Architect...E. Reichel, 1227 Shafter Ave., San Francisco.
Contractor...C. Z. Sutton, 2448 Third, San Francisco.
COST, $900

FRAME DWELLING
(647) W ANDERSON 200 S Tompkins. One-story and basement frame dwlg.
Owner.....S. W. Mathai, 20 Chenery, San Francisco.
Architect...None.
Contractor...Chas Johnson, 20 Chenery, San Francisco.
COST, $1000

FRAME DWELLING
(648) W ANDERSON 175 S Tompkins. One-story and basement frame dwlg.
Owner.....S. W. Mathai, 20 Chenery, San Francisco.
Architect...None.
Contractor...Chas Johnson, 20 Chenery, San Francisco.
COST, $1000

ALTERATIONS
(649) NO. 431 SUTTER. Alterations.
Owner.....A. W. Maltby.
Architect...None.
Contractor...Frank Pegel, 366 10th Ave San Francisco.
COST, $500

FRAME DWELLING
(650) N SILVER 100 W Maynard. One-story and basement frame dwlg.
Owner.....Jim. Pioversan.
Architect...None.
Contractor...L. C. Smith, 355 London, San Francisco.
COST, $1000

ADDITION
(651) NO. 1122 HOLLISTER. Add 2 rooms.
Owner.....Henry Pissens, Premises.
Architect...None.
Day's work. COST, $400

FRAME DWELLING
(652) N MERCED AVE 115 E Kensington Way. One and one-half-story and basement frame dwelling.

Owner.....C. S. Allred, 150 Onondago Ave, San Francisco.
Architect .. None.
Day's work. COST, $1000

FRAME DWELLING
(653) N MERCED AVE 176 E Kensington Way. One and one-half-story and basement frame dwelling.
Owner.....C. S. Allred, 150 Onondago Ave, San Francisco
Architect ...None
Day's work. COST $1000

FRAME DWELLING
(654) N MERCED AVE 270 E Kensington Way. One and one-half-story and basement frame dwelling.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect ...None.
Day's work. COST, $1000

FRAME DWELLING
(655) N MERCED AVE 332 E Kensington Way. One and one-half-story and basement frame dwelling.
Owner.....C. S. Allred, 150 Onondago Ave., San Francisco.
Architect ...None.
Day's work. COST, $4000

(656) NO. 617 MARKET. Electric sign
Owner.....M. A. Gunst & Co., Front and California, S. F.
Architect ...None.
Contractor..Oscar M. Robinson, 152 4th, San Francisco.
COST, $450

ALTERATIONS
(657) NO. 19 STOCKTON. Alter front.
Owner.....L. J. Borck, 93 Eddy, S. F.
Architect ..None.
Contractor..John Simmen Co., 61 Rausch, S. F.
COST, $60

ALTERATIONS
(658) NO. 256 GRANADA Alter dwlg
Owner.....Chas. Sharkey, Premises
Architect ...None.
Contractor Russell Short, 21 Howth, San Francisco.
COST, $45

(659) E DOLORES 155 S 11th. Two-story and basement frame dwlg flat
Owner.....George R. Newsom, 14th & Guerrero, San Francisco.
Architect ...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $5000

FRAME DWELLING
(660) N CLIPPER 76-4 E Sanchez. Two-story and basement frame dwlg
Owner.....Victor Bjors, 559 Sanchez, San Francisco.
Architect ...None.
Day's work. COST, $2000

FRAME DWELLING
(661) N CLIPPER 50-11 E Sanchez. Two-story and basement frame dwlg.
Owner.....Victor Bjors, 559 Sanchez, San Francisco.
Architect ...None.
Day's work. COST, $2000

CLASS "C" BUILDING
(662) SE DRUMM AND CLAY S 50-9 xE 25. Dampproofing, reinforcing steel and mesh, concrete and cement work for two-story and basement Class "C" building
Owner.....George A. Webster, 233 Drumm, San Francisco
Architect ..O'Brien Bros., 240 Montgomery, San Francisco
Contractor John Sparge, 240 Montgomery, San Francisco
Filed Mar. 9, '17. Dated Mar. 7, '17
1st completed $698.75
2nd completed 698.75
Completed and accepted 698.75
Usual 35 days..... 698.75
TOTAL COST, $2777.00
Bond, $2785. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, none. Plans and specifications filed

FRAME RESIDENCE
(663) E DIVISADERO 216-7⅛ S Duboce Ave S 88.387 S 25-10⅞ W 80.033 NW 27-8⅞. All work for two-story and basement frame residence
Owner.....V. Morabito, 691 Lisbon, San Francisco.
Architect ...P. Righetti, Phelan Bldg., San Francisco.
Contractor..Emil Nelson, 430 26th Ave., San Francisco.
Filed Mar. 9, '17. Dated Mar. 7, '17.
2nd floor joists set.....$1417.50
Brown coated 1417.50
Completed and accepted..... 1417.50
Usual 35 days..... 1417.50
TOTAL COST, $5670.00
Bond, $2835. Surety, Massachusetts Bonding & Insurance Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

CLASS "C" SHOP BUILDING
(664) SE FOLSOM AND ALICE L 7-6 xS 120. All work for one story Class "C" shop building.
Owner.....Carrie Hund, w/c to F. J. Hund, El Recreo Sanitarium, Ross, Cal.
Architect...None.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Mar. 9, '17. Dated Mar. 9, '17.
Concrete walls poured.....$3000
Completed and accepted..... 1850
Usual 35 days..... 1950
TOTAL COST, $7800
Bond, $3900. Surety, Guardian Casualty Co. Limit, 40 days from recording. Forfeit, none. Plans and specifications filed.
NOTE: Plans by J. A. Ettler, 604 Mission St., San Francisco.

(665) N SILVER 50 E Bowdoin. One-story and basement frame dwelling.
Owner.....Homestead Realty Co. 202 Mutual Bank Bldg., S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

FRAME DWELLING
(666) N SILVER 75 E Bowdoin. One-story and basement frame dwelling.
Owner.....Homestead Realty Co. 202 Mutual Bank Bldg., S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

FRAME DWELLING
(667) N SLIVER 100 E Bowdoin. One-story and basement frame dwelling.
Owner.....Homestead Realty Co. 202 Mutual Bank Bldg., S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

FRAME DWELLING
(668) N SILVER 125 E Bowdoin. One-story and basement frame dwelling.
Owner.....Homestead Realty Co. 202 Mutual Bank Bldg., S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

FRAME DWELLING
(669) N SILVER 150 E Bowdoin. One-story and basement frame dwelling.
Owner.....Homestead Realty Co. 202 Mutual Bank Bldg., S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

FRAME DWELLING
(670) N SILVER 175 E Bowdoin. One-story and basement frame dwelling.
Owner.....Homestead Realty Co. 202 Mutual Bank Bldg., S. F.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500
(671) E HAROLD 875 N Bruce. One-story and basement frame dwelling.
Owner.....H. Hanson, 65 Lapidge, San Francisco.
Architect...None.
Contractor..Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1500

(672) W SIXTH 75 N Folsom. Add 1-story to present building.
Owner.....C. H. Westphal, San Mateo.
Architect...M. Welsh, 915 Treat Ave., San Francisco.
Contractor..Gustave Anderson 2330 24th San Francisco.
COST $1975

FRAME BLEACHERS
(673) N FIFTEENTH 246 W Valencia. Additional frame bleachers.
Owner.....San Francisco Baseball Club.
Architect...None.
Contractor..Bert T. Owsley, 180 Jessie, San Francisco.
COST, $4000

ALTERATIONS
(674) NO. 1138 IRVING. Alter garage etc.
Owner.....Miss J. M. Lyons, Premises
Architect...None.
Contractor..J. J. Murray, 406 Central Ave., San Francisco.
COST, $450

FRAME DWELLING
(675) E TWENTY-FOURTH AVE 25 N Balboa. One-story and basement frame dwelling.
Owner.....J. H. Thorup, 279 26th Ave., San Francisco.
Architect...None.
Day's work. COST, $2950

FRAME FLATS
(676) E SIXTEENTH AVE 100 S Lake. Two-story and basement frame (2) flats.
Owner.....Edwards & Jacobsen, 32 Mohawk Ave., S. F.
Architect...None.
Day's work. COST, $5000

FRAME FLATS
(677) W NINETEENTH AVE 200 N Clement. Two-story and basement frame (2) flats.
Owner.....J. V. Campbell, 1040 Bryant, San Francisco.
Architect...None.
Day's work. COST, $5000

PUMPING, ETC.
(678) NOS. 122 TO 128 FRONT. 50 feet frontage and dist 87-6 N Pine by depth 136-5⅜. Pumping, removal of concrete, rubble walls, replacing same, underpinning, backfilling, etc., for building.
Owner.....Hastings Trust Estate, W. C. Watson, Trustee, 422 Montgomery, S. F.
Architect...Frank S. Holland, Call Bldg., San Francisco.
Contractor..D. J. & T. Sullivan, Inc., 1940 Folsom, San Francisco.
Filed Mar. 10, '17. Dated Mar. 9, '17.
On completion $2077
Usual 35 days..... 963
TOTAL COST, $2770
Bond, limit, forfeit, plans and specifications filed.

ALTERATIONS
(679) SW CALIFORNIA & DAVIS W 87-6xS 137-6. Steel work, fireproofing, terra cotta, raising fire escapes, marble frame for store fronts, exterior wood trim, hardware, glazing, painting, etc., for alterations and additions to building.
Owner.....California Packing Corp., 112 Market, San Francisco.
Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor..J. H. Hjul, 57 Post, S. F.
Filed Mar. 10. '17. Dated Mar. 5, '17.
Steel work erected, fireproofing done and floors laid.....$3200
Completed and accepted..... 2175
36 days after..... 1792
TOTAL COST, $7167
Bond, $3583.50. Surety, American Surety Co. Limit, 50 days. Forfeit, $15 Plans and specifications filed.

FRAME DWELLING
(680) E SEVENTEENTH AVE 275 S Cabrillo S 25xE 120. All work except electric fixtures, shades and wall paper for two-story frame dwlg.
Owner.....George U. Hind, Hind Bldg San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Contractor..Jones & Hatch, 180 Jessie, San Francisco.
Filed Mar. 10, '17. Dated Mar. 9, '17.
Frame up $1125
Brown coated 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(681) E SEVENTEENTH AVE 300 S Cabrillo S 25xE 120. All work except electric fixtures, shades and wall paper for two-story frame dwlg.
Owner.....George U. Hind, Hind Bldg San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Contractor..Jones & Hatch, 180 Jessie, San Francisco.
Filed Mar. 10, '17. Dated Mar. 9, '17.
Frame up $1125
Brown coated 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE:—1st reports March 9th Nos. 630 and 631.

ARCHITECTS' CERTIFICATES.

SAN FRANCISCO COUNTY.

Mar. 10, 1917—Irving F. Morrow and Wm. I. Garren have filed their certificates to practice architecture in San Francisco County.

LEASE

SAN FRANCISCO COUNTY.

Mar. 10, 1917—NO. 760 STOCKTON. B A Mardis to Heroshi Ono. 36 months. $2880.
Mar. 10, 1917—NO. 3402 MISSION SW Cor. 30th. Mrs A M Horstmann to E Manfre. 2 years. $480.
Mar. 9, 1917—NOS. 301-303-305 FIFTH SE Cor. Folsom. Jno G Barker, Calvin E Knickerbocker and Harry R Bostwick to M Rosenfeld.
Mar. 5, 1917 E MISSION 25 S 20th No. 2403 Mission. W F Cordes to Wm Henry Ahrens and Matthew McCabe. 5 years. $1800.
Mar. 6, 1917—S O'FARRELL 62-6 m or l E Powell E 25 m or l by 87-6 m or l. Louise Harvey to Julius Hammermann. 3 years. $19,800.

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Mar. 7, 1917—S ELLIS 137-6 W Fillmore W 87-6xS 137-6. Marion Leventritt as to improvements on leased property .....

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Mar. 1, 1917—NW TURK AND POLK. Deutcher Verein to Fred Warden.. .....Feb. 5, 1917

Mar. 1, 1917—ELK BDED BY FIRST, Japan, Brannan and Townsend, Southern Pacific Co to Thomas H Price Co.. .....Feb. 20, 1917

Mar. 1, 1917—W NINETEENTH AVE 50 N Anza N 50xW 82-6. Oscar W Lind to whom it may concern ... .March 1, 1917

Mar. 1, 1917—S MARKET 75 W 8th W 200x175. James Otis, Trustee to Coast Refrigerator Co..Feb. 19, 1917

Mar. 1, 1917—W GREEN 97-6 W Leavenworth 40x60. Roscoe L Logan to A D Nelson.. Feb 27, 1917

Mar. 1, 1917—W SIXTH 75 N Bryant N 50xW 100. W G Hind to A E Hind.....Mar. 1, 1917

Mar. 2, 1917—SE HAIGHT AND Shrader E 79-7½xS 100. Daniel M Moran to John H Merz..Feb. 27, 1917

Mar. 2, 1917—N SEVENTH AND Howard NE 50xNW 90. Wm G Gilmour to whom it may concern.. .....March 1, 1917

Mar. 3, 1917—N JACKSON 77-1 W Franklin W 60xN 127-8¼. Meyer Wood to A P Brady. Mar 1, 1917

Mar. 3, 1917—S MARKET AND SECond SW 45xSE 91-6. Savings Union Bank & Trust Co to A G Reed and J E Gilson (as Reed & Gilson)... .....Feb. 24, 1917

Mar. 3, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Anne Peyser to A P Brady.....Mar 1, 1917

Mar. 3, 1917—NW MISSION 155 SW Sixth SW 50xNW 85. Mrs Sarah E Lester to W S Ray Co.Feb 17, 1917

Mar. 3, 1917—E EIGHTEENTH AVE 175 S Clement 50x120. Lloyd B Ham to whom it may concern..... .....Mar 2 1917

Mar. 5, 1917—NW FOLSOM 24-6 NE Moss 25x80. Josie M Nichols to N B Pierson.....Mar 1 1917

Mar. 5, 1917—N FIFTEENTH 200 E Buena Vista Terrace E 32xN 100. Jno Stahl and Jasper H G Stahl to Jno V Stiefel .....Mar 7, 1917

Mar. 5, 1917—NO. 2415 LARKIN. Chas F Thierbach to whom it may concern..... Mar 7 1917

Mar. 5, 1917—E SEVENTEENTH AVE 150 S Balboa S 25xE 120. Michael Costello and Bryan Feerick to whom it may concern....Mar. 5 1917

Mar. 6, 1917—S EDDY 37-6 E Hyde E 25xS 87-6. Margaret Nolan to William Little..... Feb 27, 1917

Mar. 6, 1917—N POST 62-6 E Leavenworth E 50 N 137-6 W 25 S 50 W 25 S 87-6. Lange & Bergstrom to Atlas Heating & Ventilating Co... .....March 1, 1917

Mar. 6, 1917—W NEWTON 325 m or l N Morse Lot 16 Blk 5 Crocker Amazon Tct Patrick and Hannah Costello to John G Chase Jr..... .....March 6 1917

Mar. 7, 1917—S HIGHLAND AVE 216-7 E Mission E 25xS 100. Thos F Murphy to whom it may concern.....Mar. 1, 1917

Mar. 7, 1917—SE OAK AND SCOTT. E Pouchan to E E McMullen..... .....March 5, 1917

Mar. 7, 1917—E TWENTY-SECOND Ave 140 S California S 30xE 120. Edward B Jorgensen to R F Galway.....Feb. 26, 1917

Mar. 8, 1917—BLK BDED BY MARket, Spear, Mission and Stewart. Southern Pacific Co to Shirley Houghton.....March 1, 1917

Mar. 8, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to Alex Coleman..Mar. 6, 1917

Mar. 8, 1917—NOS. 57-59 O'FARRELL Gore Lot on Cor. Market and O'Farrell W from Grant Ave. George Haas & Sons to Floodberg & McCaffery.....Feb. 27, 1917

Mar. 8, 1917—S MARKET 75 W 8th th 200. Jas Otis Trustee to Mangrum & Otter.....Feb. 28, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Feb. 28, 1917—NO. 190 SEACLIFF AV. L Schaffer & Co vs F M Garden & Co and Mary E Doble.....$40

Mar. 1, 1917—LOT 125 BLK 23 Mission and 30th St. Hd. Union. The Greater City Lumber Co vs F Wisherup... .....$43.10

Mar. 1, 1917—E BENNINGTON 50 m or l S Eugenia Ave S 25xE 100. The Greater City Lumber Co vs H Myers $55.15

Mar. 1, 1917—W COMMONWEALTH Ave 596-8 N Euclid Ave N 30xW 95. A P Konkel vs Eileen A, Geo A Connolly and Hemminga Bros, Inc $46

Mar. 2, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. W P Fuller & Co vs Katherine Kovatz.....$45

Mar. 2, 1917—S JACKSON 154-11 E Presidio Ave E 26xS 127-8¼. Benjamin Fireman vs Arthur J and Olga C Laib (wf).....$500

Mar. 3, 1917—W SEVENTH AVE 270-6 N Geary N 75xW 120. Eureka Sash Door & Moulding Mills vs Catherine Kovatz and Chas Alsup $319.50

Mar. 7, 1917—N MARKET bet. Sacramento and California; No. 68 Market. Pioneer Plate & Window Glass Co vs Pope Estate Co and A Ratto $30

Mar. 8, 1917—LOT 9 BLK 15 Addition to Castro Street Addition and Glen Park Terrace. C Lindberg vs O E Evans and J D Stanley.....$900

Mar. 8, 1917—NE LINARES AVE 26.66 SE fm W Cor Lot 9 Blk 2721, Forest Hill Court, NE 100 m or l NW 40 m or l SW 100 m or l SE 40 m or l. Royal Heating Co vs W A Clauser and Conservative Bldg & Inv Co.. .....$132.51

Mar. 8, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. Wm Smith vs Katherine or Catherine Kovatz and A or Chas A Allsup.....$190

SAN FRANCISCO COUNTY.

RELEASE OF LIENS

Mar. 1, 1917—E TENTH AVE 133-4 N Balboa N 33-4xE 120. J Stewart to Fredk Klopstock and Robt McLelland .....

Mar. 2, 1917—BLK BDED N BY WAL- [illegible] Mar 1 1917 Buena Vista Ave East 125 to The Roman Catholic Archbishop of S F and St Peter's Church Corporation and Orphan Asylum

Mar. 2, 1917—SW CALIFORNIA AND [illegible] W 50 S 60 N 50 to Jas E Lennon Land & Investment Co to Allen A Fredette

Mar. 7, 1917—N EIGHTEENTH 95 E Valencia E 25xN 80. Joost Bros to Patrick M McHugh and Ratto & Ratto .....

Mar. 7, 1917—N EIGHTEENTH 95 E Valencia E 25xN 80. Malott & Peterson to P M McHugh, A Ratto, David Ratto, T F Shea and J O Lofquist .....

Mar. 7, 1917—N EIGHTEENTH 95 E Valencia E 25xN 80. John J Solomin, W P Fuller & Co, Macdonald Lumber Co, Spencer St. Planing Mills, Uhl Bros, Palace Hardware Co, Wm Hemmington, Jno J Leonard, Friedman Bros, Thomas and Jas McKee, E A Mantell, Acme Tile Co and John Kong & Son to P M McHugh .....

OAKLAND AND ALAMEDA COUNTY.

ELECTROLIER SYSTEM—Cost not stated. San Leandro, Alameda Co., Cal. Engineer, City Engineer, San Leandro. Owners, City of San Leandro. No bids having been received at the last meeting of the City Trustees, new bids have been ordered for the construction of the proposed electrolier system in this city. Bids close March 19 at 8 p. m. Further information and plans may be had from the City Clerk.

APARTMENT HOUSE—5 story and base, brick and steel, $80,000. Oakland, Cal. Architects, Richardson & Burrell, Albany Bldg., Oakland. Owners, Sommarstrom Bros., 24th and Telegraph avenue, Oakland. Location, Grand avenue. Will contain a large number of two, three and four rooms suites. Preliminary plane only prepared and further details will be given later.

RESIDENCES—1, 2 story and 1, 1 story, frame, $2,000 and $1,000. Alameda, Alameda Co., Cal. Architect, none. Owner G. H. Noble, 2220 Central avenue, Alameda. Location, Broadway between Santa Clara and Lincoln. The two-story house will contain six rooms and the one-story, four rooms. Plans are complete and work will be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, O. G. Scott, 3001 Grove street, Oakland. Location, north Kales avenue west Broadway. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, I. A. Kellogg, 1416 Grand avenue, Oakland. Location, east Maybelle avenue south Porter. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1½ story and base, frame $2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, M. Shatz, 2720 5th street Berkeley. Location, 1201 Channing Way. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 1 story and base, frame, $2,000 each. Alameda, Alameda

Co., Cal. Architect, none. Owner, G. H. Noble, 2220 Central avenue, Alameda. Location, 2067 and 2069 Central avenue. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor

RESIDENCE ALTERATIONS — 2 story frame, $5,000. Oakland, Cal. Architect, William Knowles, Central Bank Bldg., Oakland. Owner, C. E. Hume Location, 4320 Piedmont avenue, Oakland. Work will consist of interior trim, hardwood floors, plumbing, plastering, painting and electric work. Some exterior work will also be included. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, $5,500. Oakland, Cal. Architect, Schirmer-Bugbee Co., Dalziel Bldg., Oakland. Owner, Mr. Robinson. Location, Claremont Manor. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared.

STREET IMPROVEMENT—Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland.. Owners, City of Oakland. The City Commissioners have awarded a contract to Hutchinson Co., 13th and Franklin streets, Oakland, for the following work: That Noble avenue, from Seminary avenue to 62nd avenue, be graded, curbed with redwood, guttered with concrete gutters 3 feet wide, paved with oil macadam and sidewalked with cement sidewalks 6 feet wide.

RESIDENCE — 1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Carl Ericsson, 1200 Masonic avenue, S. F. Location, south Neilson near Gilman. Will contain five rooms, bath and garage. Plans complete and work to be done by Day Labor.

FACTORY—2 story and base, frame, $10,000. Oakland, Cal. Architect, none. Owners, Pacific Tank and Pipe Co., 318 Market street, S. F. Location, Tidal Canal and High street. This building is one of a group of five buildings to be erected by the company. Plans are complete and work will be done by Day Labor.

CHURCH—2 story and base, reinforced concrete, $35,000. Livermore, Alameda Co., Cal. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owners, Roman Catholic Church. Will contain an auditorium, Sunday school rooms and pastor's study. Plans complete and figures being taken.

OFFICES—2 story and base, frame, $5,000. Oakland, Cal. Architect, none. Owners, Hanlon Drydock and Ship Building Co. Location, foot of 5th street. Plans complete and work to be done by Day Labor.

OFFICES—6 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, Colby, 333 Grant avenue, S. F. Owners, Pacific Tel. and Tel. Co. Location, west Franklin between 17th and 18th streets. Will cover an area of 60 by 120 feet. Plans are being prepared.

THEATRE—2 story and base, Class A construction, $25,000. Oakland, Cal. Architect's name not given. Owners, Beach & Kahn, care of Lorin Theatre, South Berkeley. Location, west Broadway near 56th. Will have a seating capacity of 1800 people. Plans complete and subfigures being taken.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
482	Butters	Butters	450
487	Cal Cotton Mills	Owner	58792
488	Pantosky	Heyer	41900
489	Richardson	Murdock	100
490	Williams	Johnson	100
491	Heidecker	Faulkes	400
492	McNutt	Bayliss	1000
493	Chevrolet	Bradshaw	3700
494	Venus Conf.	Bradshaw	650
495	Hume	Hume	5000
496	United Pres	MacMillan	10000
497	Richardson	Kopf	3132
504	Maclay	Davis	400
505	Walnut	Lydiksen	1500
506	Taylor	McPherson	17100
507	Schneider	Bassett	1020
508	Chevrolet	Walker	2600
509	Pacific Tank	Owner	10000
510	Scott	Scott	2500
511	Seeley	Hudson	1000
512	Phillipsen	Carlson	450
513	Strahle	Gibson	400
514	Wong Yow	Anderson	400
515	O'Connell	O'Connell	400
516	Houck	Houck	3000
518	Kieso	Allen	400
519	Flittner	Flittner	500
520	Bacon	Soule	500
521	Chin Foot	Stevens	1700
522	Mattson	Mattson	1850
523	Hanlon	Hanlon	5000
527	Moulin	Sandberg	4135
529	Veitch	Duval	400
530	Richardson	Kopf	3132
531	Kelly	Kelly	1100
532	Peterson	Peterson	3000
533	Monkin	Griffin	1500
534	Central	Allyn	5000
535	Taylor	Sommarstrom	8000

FACTORY
(485) NO. 6400 CHABOT ROAD, Oakland. One-story factory.
Owner.....Chas. Butters, Premises.
Architect ...None.
Day's work. COST, $450

COTTON MILLS
(487) RAILROAD AVE AND COTTON, Oakland. All work except brick work for four-story brick factory.
Owner.....California Cotton Mills Co., Premises.
Architect ...None.
Day's work. COST, $58,792

BRICK MARKET
(488) SW TENTH AND WASHINGTON S 50 W 75 S 50 W 125 N 50 W 100 N 50 E 300, Oakland. All work for one-story brick market.
Owner.....J. Pantosky, 598 31st, Okd.
Architect ...None.
Contractor..Chas. W. Heyer Jr., Dalziel Bldg., Oakland.
Filed Mar. 5, '17. Dated Mar. 3, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $41,900
Bond, $20,950. Surety, Massachusetts Bonding & Insurance Co. Limit, 45 days after steel frame erected. Forfeit none. Plans and specifications filed.

(489) SE NINETY-SEVENTH AVE & "A," Oakland. Tank frame.
Owner.....— Richardson, Premises.
Architect ...None.
Contractor..L. W. Murdock, Oakland.
COST, $400

ALTERATIONS
(490) NO. 1016 TWENTY-FOURTH, Oakland. Alterations.
Owner.....David Williams, Premises.
Architect ...None.
Contractor..Beo O. Johnson & Son, 2014 E-30th, Oakland.
COST, $400

(491) NOS. 8431-35 E-FOURTEENTH, Oakland. Alterations.
Owner.....C. Heidecker, Reno, Nev.
Architect ...None.
Contractor..John R. Faulkes, 9828 E-14th, Oakland.
COST, $400

ALTERATIONS
(492) NO. 1302 BROADWAY, Oakland. Alterations.
Owner.....McNutt & Swift, Premises.
Architect ...None.
Contractor..Corbett & Bayliss, 1116 Franklin, Oakland.
COST, $1000

SIGN
(493) SEVENTY-THIRD AVE AND Foothill Blvd., Oakland. Electric sign.
Owner.....Chevrolet Motor Co., Prem.
Architect ...None.
Contractor..Bradshaw Elec. Sign Co., 2063 Broadway, Oakland.
COST, $3700

SIGN
(494) N FOURTEENTH 100 E Broadway, Oakland. Electric sign.
Owner.....Venus Confectionary, Prem
Architect ...None.
Contractor..Bradshaw Elec. Sign Co., 2063 Broadway, Oakland.
COST, $650

ADDITION
(495) NO. 4320 PIEDMONT AVE., Oakland. Additions and alterations to two-story dwelling.
Owner.....C. E. Hume, Premises.
Architect...Wm. Knowles, Central Bk. Bldg., Oakland.
Day's work. COST, $5000

CHURCH
(496) W COLLEGE AVE 200 S Claremont, Oakland. Nine-room church.
Owner.....United Presbyterian Church.
Architect ...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor..D. C. MacMillan, 604 28th, Oakland.
COST, $10,000

FRAME DWELLING
(497) SE NINETY-SEVENTH AVE & "A" being Lots 62 and 63 E. B. & A. L. Stone Company's Lots, Elmhurst, Oakland. All work for one-story 6-room frame dwelling.
Owner.....S. L. Richardson, 1234 97th Ave., Oakland.
Architect ...None.
Contractor..B. F. Kopf, 1015 82nd Ave., Oakland.
Filed Mar. 6, '17. Dated Mar. 5, '17.
Frame up ..... ¼
Brown coated ..... ¼
Accepted ..... ¼
Usual 35 days..... ¼
TOTAL COST, $3132
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(504) NO. 642 FIFTY-EIGHTH, Oakland. Alterations.
Owner.....A. H. Maclay.
Architect ...None.
Contractor..A. L. Davis.
COST, $400

ADDITION
(505) N FORTY-FIRST 200 E Market, Oakland. Two-story addition to barn
Owner.....Walnut Grove Creamery Co., Premises.
Architect ...None.
Contractor..Geo. H. Lydiksen, 1244 29th Ave., Oakland.
COST, $1500

CLASS "C" GARAGE
(506) W WEBSTER 158.61 N Elm or 24th N 100xE 125, Oakland. All work for one-story Class "C" garage.
Owner.....Jas. P. Taylor, 433 13th, Oakland.
Architect ...Walter D. Reed, Oakland Bank of Savings Bldg., Oakland.
Contractor..Stephen McPherson, 2126 Woolsey, Berkeley.
Filed Mar. 7, '17. Dated Mar. 6, '17.
Each 15th day..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,100
Bond, none. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(507) SW FORTY-EIGHTH AVE 123.-03 SW Melrose Ave 80x135.80, Oakland. Repairs and alterations to one and one-half-story frame dwelling.
Owner.....F. W. Schneider.
Architect ...None.
Contractor..E. D. Bassett, 3219 E-14th, Oakland.
Filed Mar. 8, '17. Dated Mar. 3, '17.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $1020
Bond, none. Limit, 60 days. Forfeit, $1. Plans and specifications filed.

WAREHOUSE
(508) SEVENTY-THIRD AVE AND Foothill Blvd., Oakland. One-story concrete and brick warehouse.
Owner.....Chevrolet Motor Co., Prem.
Architect ...None.
Contractor..P. J. Walker, Monadnock Bldg., San Francisco.
COST, $26,000

FACTORY
(509) TIDAL CANAL — E High, Oakland. Two-story factory.
Owner.....Pacific Tank & Pipe Co., 318 Market, San Francisco.
Architect ...None.
Day's work. COST, $10,000

DWELLING
(510) N KALES AVE 150 W Broadway, Oakland. One-story 5-room dwelling.
Owner.....O. G. Scott, 3001 Grove, Okd
Architect ...None.
Day's work. COST, $2500

DWELLING
(511) W THIRTY-FIFTH AVE 240 S Hopkins, Oakland. One-story three-room dwelling.
Owner.....C. W. Seeley, 4036 Everett Ave., Oakland.
Architect ...None.
Contractor..L. G. Hudson, 1900 Hopkins Oakland.
COST, $1000

ADDITION
(512) NO. 5651 SHAFTER AVE., Oakland. Addition.
Owner.....Chris Phillipsen, Premises.
Architect ...None.
Contractor..H. Carlson, 1627 Park, Oakland.
COST, $450

(513) NO. 3558 RHODA AVE., Oakland Addition.
Owner.....C. F. Strahle, 3553 Rhoda Ave., Oakland.
Architect ...None.
Contractor..G. H. Gibson, 3527 Rhoda Ave., Oakland.
COST, $400

ALTERATIONS
(514) NO. 135 EIGHTH, Oakland. Alteration and addition.
Owner.....Mrs. Wong Yow, Premises.
Architect ...None.
Contractor..John Anderson, 1424 Broadway, Oakland.
COST, $400

ALTERATIONS
(515) NO. 3766 MANILA AVE., Oakland. Alterations.
Owner.....P. O'Connell, Premises.
Architect ...None.
Day's work. COST, $400

DWELLING
(516) E PARK BLVD 120 S Dolores, Oakland. , One-story 6-room dwlg.
Owner.....H. L. Houck, 4315 Everett Ave., Oakland.
Architect. ..None.
Day's work. COST, $3000

REPAIRS
(518) NO. 708 WILLOW, Oakland. Fire repairs.
Owner.....A. G. Kieso, Fleming Ave., Oakland.
Architect ...None. .
Contractor..F. E. Allen, 2445 Ward, Oakland.
COST, $400

ALTERATIONS
(519) NO. 1600 THIRTY-FIFTH AVE., Oakland. Alterations.
Owner.....M. Flittner, Premises.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(520) NO. 1112 WASHINGTON, Oakland. Alterations.
Owner.....Bacon & Soule, Bacon Bldg., Oakland.
Architect ...None. .
Day's work. COST, $500

REFRIGERATOR
(521) NOS. 387-389 NINTH, Oakland. Refrigerator.
Owner.....Chin Foot Co., Premises.
Architect ...None.
Contractor..Stevens Eng. Co., S. F.
COST, $1700

DWELLING
(522) S DAMUTH 300 E Fruitvale Ave Oakland. One-story 5-room dwlg.
Owner.....Berdette Mattson, 2375 Fruitvale Ave., Oakland.
Architect ...None.
Contractor..J. V. Mattson, 2375 Fruitvale Ave., Oakland.
COST, $1850

OFFICES
(523) FOOT THIRD AVE., Oakland. Two-story office building.
Owner.....Hanlon Drydock & Ship Bldg. Co., Premises.
Architect ...None.
Day's work. COST, $5000

FRAME STORE, ETC.
(527) SE FOOTHILL BLVD 100 NW Seminary Ave SE 100 SW 125 NW 80 NE 74, Oakland. All work except wall beds and sidewalks for two-story frame store and rooming house
Owner.....Lenore C. Moulin, 145 Buena Vista Terrace, S. F.
Architect ...None.
Contractor..G. Sandberg, 1142 Lake, San Francisco.
Filed Mar. 9, '17. Dated Mar. 8, '17.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $4135
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(529) NO. 589 WALSWORTH AVE., Oakland. Alterations.
Owner.....W. T. Veitch.
Architect ...None.
Contractor..Oliver Duval & Son, Dalziel Bldg., Oakland.
COST, $400

DWELLING
(530) SE NINETY-SEVENTH AVE and "A," Oakland. One-story 6-room dwelling.
Owner.....S. L. Richardson, 1234 97th Ave., Oakland.
Architect ...None.
Contractor..B. F. Kopf, 1015 82nd Ave., Oakland.
COST, $3132

BRICK STORES
(531) NW SIXTH AND CLAY, Oakland. One-story brick stores.
Owner.....Wm. J. Kelly, 2028 Clinton Alameda.
Architect ...None.
Day's work. COST, $1100

DWELLING
(532) E LINWOOD AVE 300 N E-38th, Oakland. Two-story 8-room dwelling
Owner.....Hulda Peterson, 1201 19th, Oakland.
Architect ...None.
Contractor..Alfred Peterson, 1201 19th, Oakland.
COST, $3000

ALTERATIONS
(533) NO. 780 SEVENTH, Oakland. Alterations and additions.
Owner.....— Mankin, 780 7th, Okd.
Architect ...None.
Contractor..C. M. Griffin, 746 5th Ave., Oakland.
COST, $1500

ALTERATIONS
(534) NO. 599 TWELFTH, Oakland. Alterations and additions to cold storage room.
Owner.....Central Creamery, Prem.
Architect ...None.
Contractor..Stockholm & Allyn, 316 Lenox Ave., Oakland.
COST, $5000

(535) ADJOINING BUICK SALES Agency at Brook St., 47-7x125x103, Oakland. All work for one-story brick garage.
Owner.....F. W. Taylor, S. F.
Architect ...Leonard Thomas, Pantages Bldg., Oakland.
Contractor..E. & M. F. Sommarstrom, 24th and Telegraph, Okd.
Filed Mar. 9, '17. Dated Mar. 6, '17.
Foundation in ..... ¼
Brick work done..... ⅛
Completed and accepted..... ¼
All bills shown as paid in full.. ⅛
TOTAL COST, $8000
Bond, none, Limit, 60 days. . Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
[illegible]	[illegible]	[illegible]	2000
[illegible]	[illegible]	[illegible]	2400
[illegible]	[illegible]	[illegible]	100
[illegible]	[illegible]	[illegible]	5000
[illegible]	[illegible]	[illegible]	750
[illegible]	[illegible]	[illegible]	100
[illegible]	[illegible]	[illegible]	1500
[illegible]	[illegible]	[illegible]	600

[illegible]

(483) NO. 1201 CHANNING WAY, Berkeley. One and one-half-story six-room dwelling.
[illegible] Bkly.
[illegible]
COST, $2000

STORAGE BIN
(484) W THIRD ST, S Crystal S 57-3x W 69, Berkeley. All work for brick copra storage bin.
Owner.....El Dorado Oil Works, University Ave and 2nd, Bkly.
Architect...None.
Contractor..Wm. E. McDonald.
Filed Mar. 5, '17. Dated Mar. 2, '17.
[illegible] $ 900
Completed [illegible] 900
[illegible] 2400
TOTAL COST, $2400
Bond $[illegible] Surety, Massachusetts [illegible] Co. Limit, 26 days. Forfeit, $10. Bonue, $10. Plans and specifications filed.

GARAGE
(503) NO. 1710 WALNUT, Berkeley. Garage.
Owner.....Mrs. Annie Dermerst.
Architect...None.
Contractor..Jacob House, 1818 Hearst Ave., Berkeley.
COST, $400

FRAME DWELLING
(504) S HAWTHORNE TERRACE 136.29 from W line Euclid Ave S [illegible] W [illegible] N 77 NW to pt 60.325 W to pt beg E 60.325, Berkeley. All work for two-story 7-room frame dwelling.
[illegible] T. H [illegible] 2947 La Conte Ave., Berkeley.
Architect...None..
Contractor..Riddell Bldg. Service Corporation, 2347 Telegraph Ave., Berkeley.
Filed Mar. 5, '17. Dated Mar. 5, '17.
Frame up [illegible] ¼
Enclosed [illegible] ¼
Completed [illegible] ¼
Used 30 days [illegible] ¼
TOTAL COST, $5000
Bond, none. Limit, 75 days. Forfeit, [illegible] filed.

DWELLING
(505) NO. [illegible] EVELYN [illegible] Berkeley. One-story 5-room dwelling.
Owner.....Mary E. Green, 1290 7th [illegible]
Architect...None.
Contractor [illegible] Oakland.
COST, $750

ADDITION
(506) NO. [illegible] HILGARD AVE, Berkeley. Addition.
Owner [illegible] Premises.
Architect...None.
Contractor [illegible] Corporation, 2347 Telegraph Ave., Berkeley.
COST, $400

DWELLING
(507) E NEILSON 75 S Gilman, Berkeley. One-story 5-room dwelling.
Owner.....Carl Eriesson, 1200 Masonic Ave., Berkeley.
Architect...None.
Day's work. COST, $1500

ADDITION
(508) NO. 2216 PARKER (rear), Berkeley. Addition.
Owner.....— Bartlet Premises.
Architect...None.
Contractor..W. S. Montgomery, 2321 Ward, Berkeley.
COST, $65[illegible]

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
498	Noble	Noble	2000
499	Same	Same	2000
500	Dennis	Martin	900
501	Noble	Noble	1000
502	Same	Same	2000

DWELLING
(498) NO. 2069 CENTRAL AVE., Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect...None.
Day's work. COST, $2000

(499) BROADWAY bet. Santa Clara and Lincoln, Alameda. Two-story 6-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect...None.
Day's work. COST, $2000

ALTERATIONS
(500) NO. 1624 SANTA CLARA AVE., Alameda. Alterations.
Owner.....Dr. C. C. Dennis, 1429 Grand, Alameda.
Architect...None.
Contractor..P. B. Martin, 1543 Sherman, Alameda.
COST, $900

DWELLING
(501) BROADWAY bet. Lincoln and Santa Clara, Alameda. One-story 3-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect...None.
Day's work. COST, $1000

DWELLING
(502) NO. 2067 CENTRAL AVE., Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2220 Central Ave., Alameda.
Architect...None.
Day's work. COST, $2000

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED

Mar. 1, 1917—E HILLEGASS AVE 720 S Webster S 120xS 37, Bkly. C W Vaughn to Richmond & Hopper..Feb 28, 1917

Mar. 1, 1917—LOT 7 BLK 8 Map Resubdivision Blk 8, that ptn Rock Ridge Terrace filed March 16, 1911, Okd. Blake Bros Co to whom it may concern.....Mar. 1, 1917

Mar 3, 1917—LOT 9 BLK "A" 4th Ave Park, Okd. C L Beatty to C F Lodge.....Mar. 1, 1917

Mar 5, 1917—(1) LOT 27 AND SW ½ Lot 26 Blk 5 Map 4th Ave Heights [illegible] S 30.79 Lot 29 Map Dimond Vista, Okd [illegible] C Woodburn to whom it may concern....Mar. 5, 1917

Mar. 5, 1917—LOT 21 BLK "D" Map Lakewood Park, Piedmont. P I Pedersen to A T Anderson..Mar. 3, '17

Mar. 6, 1917—S DURANT AVE 110 E Telegraph Ave S 130xE 40, Bkly. Eula E Sandow to W S Montgomery .....Mar. 3, 1917

Mar. 7, 1917—N DURANT AVE 450 E Dana E 50xN 130, Bkly. E H Lohmann to Sommarstrom Bros.....March 7, 1917

Mar. 7, 1917—W CHESTNUT 130 S 24th, Okd. Crystal Laundry Co, Inc, to John Thomsen....Mar. 1, 1917

Mar. 8, 1917—LOT 51 Lakeshore Park Heights being No. 716 Lakeshore Ave, Okd. James McGuinness to whom it may concern....Mar. 8, 1917

Mar. 9, 1917—LOT 4 BLK "A" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....March 9, 1917

Mar. 9, 1917—E 40 LOTS 1, 2 AND 3 Blk "A" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....March 9, 1917

Mar. 9, 1917—PTN LOT 1 BLK "A" Map Doe Tract, Okd. Margaret E Grace to M C Vaughn....Mar. 8, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT

Mar. 1, 1917—S FORTY-SECOND 327 W Market W 74xS 89, Okd. California Standard Planing Mill Co vs May E Richardson.....$204

Mar. 1, 1917—NW BROADWAY AND Ada N 60xW 100, Okd. Pacific Mfg Co vs T R More and J Neal...$189.35

Mar. 1, 1917—LOT 27 BLK "B" Moss Tract Amended Map being NE 83rd and Olive Aves, Okd. Chamberlain & [illegible] and Emma E Plome [illegible] $17.70

Mar. 3, 1917—W BROADWAY 60 N Ada N 30xW 100, Okd. Pacific Mfg Co vs T R More and J Neal.. $[illegible]

Mar. 7, 1917—W BROADWAY 90 N Hawthorne Ave N 56-7¼ W 216.58 S 158-7½ E [illegible] N [illegible] E to beg, Okd. Robert Howden & Sons vs Powell Bros Constr Co and L C Ables [illegible] .$1600

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT

Mar. 5, 1917—S THIRTEENTH 129 E Center E 29xS 110, Okd. J M Dale to Trostero D'Amte $95.80

Mar. 6, 1917—S PTN LOT 15 BLK 24 Amended Map Fairmount, Albany. Sunset Hardware Co to N P Bertheaud and E N Bertheaud.....$84.85

Mar. 5, 1917—S THIRTEENTH 129 E Center E 29xS 110, Okd. Melrose Lumber & Supply Co to Frank Damoto $330.81

Mar. 8, 1917—SE SEVENTH AVE & E-11th SW 30xS 99, Okd. Cobbledick Kibbe Glass Co to W F Fox et al $36.22

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGES, ETC. [illegible] Cost not stated. San Jose Santa Clara Co, Cal Engineer, County Surveyor, San Jose.

Owners, Santa Clara County. The County Supervisors at their last session ordered plans and specifications prepared for the following work: For repairing the Willow street bridge over the Guadalupe Creek. For the improvement of the Montague road in Supervisors' Districts Nos. 3 and 4. For the improvement of San Carlos street, from Race street to the city limits. For the repairing of levees on the Guadalupe Creek south of Willow street bridge. Bids for the projects will probably be called at the next session.

BRIDGE—Reinforced concrete, $2,350. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. Contractors, Raisch Improvement Co., Underwood Bldg., S. F. Contract price, $2,350.

APARTMENT HOUSE—3 story and base, reinforced concrete, $37,000. San Jose, Santa Clara Co., Cal. Architect, William Binder, Rea Bldg., San Jose. Owner, Valentine Luca. Location, San Carlos and First street, covering an area of 25 by 100 feet. Will contain stores on the first floor and a number of two and three room apartments above. Plans are being prepared.

PACKING PLANT—4, 4 story mill construction, $300,000. South San Francisco, San Mateo Co., Cal. Engineer, R. Von Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co. Plans and specifications for these buildings have been completed. All contracts will be awarded through the office of the engineer.

HOSPITAL—3 story, frame, $35,000. South San Francisco, San Mateo Co., Cal. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owner, Dr. Dolly. Will contain wards and private rooms, operating room and office. Plans complete and figures being taken.

SEPTIC TANK—Reinforced concrete. Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The County Supervisors at their last meeting instructed the County Surveyor to prepare plans and specifications for the reconstruction of a septic tank at the County Farm and Horse Hospital. Bids will be called for on completion of plans.

BUILDING CONTRACTS

SAN MATEO COUNTY.

CONCRETE RESIDENCE

FILOLI, Canada da Raymundo. All work for "omission" ornamental iron fireplace linings for two-story concrete residence.

Owner.....W. B. Bourn, 375 Sutter St., San Francisco.
Architect...Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor..Vulcan Iron Works, Kearny and Francisco, S. F.
Filed Mar. 1, '17. Dated Feb. 16, '17.
Payments not given.
TOTAL COST, $1398.50

Bond, $699.25. Surety, Fidelity & Deposit Co. of Maryland. Limit, 6 weeks. Forfeit, plans and specifications, none.

FRAME DWELLING

LOT 9 BLK 12 of Easton Addition to Burlingame, Burlingame. All work for one-story frame dwelling.

Owner.... Edward and Annie Lennon
Architect...None.
Contractor, Income H Parts, Raymond Ave S F
Filed Mar 2, '17 Dated Feb [illegible], '17
Foundation [illegible]
When framed [illegible]
Plaster [illegible]
When completed [illegible]
Usual 35 days [illegible]
TOTAL COST, $2,000

Bond, $125 Surety, William D Stephenson and Alameda A Stedman Limit, 30 days Forfeit, none Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED	ACCEPTED
Mar. 1, 1917—EASTERLY 50 FEET of Lot No 20 Blk No [illegible] San Francisco Chas F Schlag to Wm F Dreyer	Feb 5, 1917
Mar. 6, 1917—SE STANBAUGH AND Pine Sts, Redwood City. E W Calhoun to whom it may concern	March 3, 1917

LIENS FILED

SAN MATEO COUNTY.

RECORDED	AMOUNT
Feb. 28, 1917 LOT 1 Savory Ranch, Redwood City. Gray-Thorning Lumber Co vs Christofferson Aircraft Mfg Co	$541.65
Mar. 6, 1917—BLK 8 Menlo Oaks, Menlo Park. Uhl Bros (Corp) vs Mrs E S Munford	$616.83

COMPLETION NOTICES

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
Feb. 21, 1917—HOBSON ST., San Jose. G C McCombs to Tony Tomasso	Feb 17, 1917
Feb. 23, 1917—STANFORD CAMPUS, Palo Alto. Stanford University to Lawton & Vezey	Feb 20, 1917
Feb. 23, 1917 FIRST AND WILLIAM Sts, San Jose Seymour Marble Co to Morrison Bros	Feb [illegible], 1917
Feb. 26, 1917 STANFORD CAMPUS, Palo Alto. Stanford University to E J Kingsbury	Feb [illegible], 1917

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BRIDGE—Steel and concrete, $150,000. Rio Vista, Solano Co., Cal. Engineers, Strauss Bascule Bridge Co., Chicago. Owners, Sacramento and Solano Counties. Sacramento and Solano County Supervisors have officially commissioned the Strauss Bascule Bridge Co. to prepare plans and specifications for the proposed bridge to be erected over the Sacramento River at Rio Vista. Their commission will be $3,250.

STREET PAVING, ETC.—Cost as follows. San Rafael, Marin Co., Cal. Owners, City of San Rafael. A number of bids were opened on March 5th at 8 p. m. by the City Council for improving the following streets: G street, between West End avenue and 4th avenue; 5th avenue, from G to H streets; H street, from 5th to Forbes avenue; Grand avenue, from 4th to Highland avenue; B street, from First to Bay View street. Two of the bids were taken under advisement. A complete list of the bids received follows: A. H. Kopperude Construction Co., 2030 High [illegible] Oakland; [illegible] Highway Surfacing Co., [illegible] Montgomery street, S. F.; [illegible] Western Motor Dumping Co., [illegible] Crocker street, S. F.; [illegible] S. W. Smith, Phelps D. M. Chadbourne, 30 [illegible] Fell street, S. F.; E. A. J. Raisch, [illegible] Underwood Bldg., S. F.; [illegible] Clark & [illegible] Construction Co., Ochsner [illegible] Sacramento, 7 %.

RESIDENCE—2 story and base, cost $5,000. Richmond, Contra Costa Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. F. Brooks. Will contain eight rooms, two baths, sleeping porch. Separate garage. Plans are being prepared.

RESIDENCE—1 story and base, frame. Cost not stated. Martinez, Contra Costa Co., Cal. Architect, none. Owner, Lewis C. Snyder, 2820 San Pablo avenue, Oakland. Location, Ygnacio Valley. Designed for a country home. Preliminary sketches being prepared and further particulars to be given later.

STREET IMPROVEMENT—Cost not stated. Vallejo, Solano, Co., Cal. Engineer, City Engineer, Vallejo. Owner, City of Vallejo. City Engineer T. D. Kilkenny is preparing plans and specifications for street work to be undertaken in the central district of Vallejo. This district includes the east end of Maryland street near Alameda; Pennsylvania street, over the hill near Alameda; Main street, over the hill near Alameda; Napa street, from New York to Maine; El Dorado street, from New York down to Pennsylvania. The work will be done under public proceedings.

HIGHWAY IMPROVEMENT — Cost not stated. San Rafael, Marin Co., Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. Bids will be opened on March 21st for clearing and ditching that portion of the county road leading from Sausalito to Bolinas, on the east side of Bolinas Bay, between the "Dipsea" road and the Fairfax and Bolinas county road, a distance of 5.7 miles, in Road Districts Nos. 2 and 3, and for the construction of bulkheads thereon.

HIGHWAY CONSTRUCTION — Cost not stated. San Rafael, Marin Co., Cal. Engineer, County Surveyor, San Rafael. Owners, Marin County. Bids will be opened on March 21st for regrading a portion of the Point San Pedro County road, for a distance of approximately 950 feet in Road District No. 1, and for the ballasting and repairing of the present bulkhead thereon.

CHURCH—1 and 2 story, brick and frame. Cost not stated. Vallejo, Solano Co., Cal. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Vallejo Methodist Church. Location, Virginia street. Will contain a large auditorium, Sunday school rooms and social hall. Plans are being prepared.

LODGE HALL—3 story and base. Class C construction, $100,000. Vallejo, Solano Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Hall Association. Location, Marin and Virginia streets. Bids opened for this work show Cameron & Disston low on the general construction at $73,900, and J. E. O'Mara low on the heating at $6,147. Both bidders are San Francisco firms. A complete list of the bids as opened will be found under the heading of Bids Opened in this issue.

HOTEL ADDITION—2 story frame. Cost not stated. Colusa, Colusa Co., Cal. Architect, none. Owner, Neil O'Donnell, Colusa. Will contain 24 rooms and several baths. Plans complete and work to be done by Day Labor.

HOSPITAL HEATING SYSTEM—Cost not stated. Santa Rosa, Sonoma Co., Cal. Architect, none. Owners, Sonoma County. Supervisor Cunningham, County Purchasing Agent George Libby and Don Patterson, superintendent of the courtr house, have been named by the Board of Supervisors to investigate the merits of various heating plants with a view of installing a new plant at the county hospital and farm.

THEATRE AND STORES—2 story and base, reinforced concrete, $35,200. Napa, Napa Co., Cal. Architect, L. M. Turton, Napa. Owners, Garibaldi Bros. E. W. Doughty of Napa submitted the lowest bid for this work and will probably be awarded the contract.

WELL DRILLING—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. Two bids were received by the City Council for drilling a well at the pumping station. The bids were submitted by the Pacific Drilling and Prospecting Co., and the Artesian Pacifis Drilling Co., and were laid over until the next session when an award will be made.

ROAD CONSTRUCTION—Cost not stated. San Rafael, Marin Co., Cal. Engineer, A. R. Baker, Cheda Bldg., San Rafael. Owners, Marin Municipal Water District. Bids will be opened on March 22nd at 7:00 p. m. for constructing 12,000 feet of the Pipe Line road, involving approximately 28,738 feet of excavating; 8.73 acres of clearing, 283 feet of 8 inch corrugated iron pipe, 599 feet of 12-inch, 139 feet of 18-inch and 82 feet of 24-inch.

Contract Awarded.

WOVEN WIRE FENCE—Cost as follows. Santa Rosa, Sonoma Co., Cal. Engineer, County Surveyor, Santa Rosa. Owners, Sonoma County Contractors, Call Construction Co., S. F. Contract price, 7.6c per linear foot and $14.50 per gate.

RESIDENCES—11, 1 story, frame, $15,000. Winehaven, Contra Costa Co., Cal. Architect, John H. Powers, 628 Montgomery stret, S. F. Owners, California Wine Association. Contractor, J. Biller, 460 Montgomery street, S. F. Contract price, $15,000.

ROCK CONVEYOR — $1,420. Napa, Napa Co., Cal. Engineer, County Surveyor, Napa. Owners, Napa County. Contractor, Ernest Moyer, 346 Montgomery street, Napa. Contract price, $1,420.

EXCAVATING DAM SITE—$9,962.20. San Rafael, Marin Co., Cal. Engineer, A. R. Baker, Cheda Bldg., San Rafael. Owners, Marin Municipal Water District. Contractor, J. P. Holland, 553 3rd street, S. F. Contract price, $9,962.20. A contract for road construction along the pipe line was also awarded to R. B. Markle, Jr., Hearst Bldg., S. F. Contract price, $18,975.61. A complete list of the bids opened will be found under the heading of Bids Opened in this issue.

BUILDING CONTRACTS

MARIN COUNTY.

FRAME DWELLING
INVERNESS, Marin County. One-story six-room frame dwelling.
Owner.....Misses Atkins.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Day's work. COST, $2500

ALTERATIONS
ROSS VALLEY. Alterations and additions to residence.
Owner.....Emilie Bach, Ross.
Architect...H. Barth, 12 Geary, S. F.
Contractor..Arthur Heydenaber, Ross.
Filed Mar. 6, '17. Dated Mar. 3, '17.
Completed and accepted.....$390
Usual 35 days..... 130
TOTAL COST, $520
Bond, $260. Sureties, M. J. Lindsay and M. H. Lellander. Limit, 30 days. Forfeit, none. Plans and specificfiations filed.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME DWELLING
MT. DIABLO, Contra Costa Co. Two-story and basement 15-room frame dwelling.
Owner.....Wm. Letts Oliver, Bacon Bldg., Oakland.
Architect...Chester H. Miller, 1st Trust Bldg., Oakland.
Day's work. COST, $30,000

CONCRETE BUILDING
MARTINEZ, Contra Costa Co. One-story concrete ward building for insane.
Owner.....County of Contra Costa.
Architect...None.
Contractor..Hall & Smith.
COST, $4513

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Mar. 5, 1917—SAN RAFAEL. H H Jepsen to H H Jepsen...Mar. 5, 1917

BUILDING CONTRACTS

SONOMA COUNTY.

CEMENT RESERVOIR
LAKEVILLE, Sonoma Co. Construct cement reservoir of 60,000 gallons capacity.
Owner.....Rose Land Company.
Architect...None.
Contractor..Chas. Ginelli.
COST, $——

CREAMERY
NICASIO CROSS ROADS, Petaluma. All work for frame and corrugated creamery.
Owner.....Monetti, Larimer & Sollie, San Francisco.
Architect...None.
Contractor..H. P. Vogensen, 600 5th St., Petaluma.
COST, $——

COMPLETION NOTICES

SONOMA COUNTY.

RECORDED ACCEPTED
Feb. 23, 1917—PETALUMA. H B Wintringham to S Rodd..Feb. 15, 1917

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STREET IMPROVEMENT—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Council has adopted plans and specifications for the paving of the alley between 18th and 19th streets, from G to Spruce street. Bids for the work will soon be called for.

STREET IMPROVEMENTS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Trustees at their last meeting took up the matter of street iimprovement and approved plans and specifications for the following work: Paving of Calaveras street, from H to Divisadero street, and O street, from Butler to Divisadero. For the grading, curbing and placing culverts on Grant avenue, from First to Ninth street; Madison avenue, from Fresno to Ninth, and the curbing and guttering of Mariposa from F to G streets. Bids on these projects will be called for shortly.

STORM SEWERS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. The City Trustees adopted plans and specifications and bids have been ordered received for the construction of the storm sewer system in this city. On recommendation of Engineer Cronkite, the Board decided to advertise for bids for the construction of the storm sewer in Inyo strreet, between Van Ness and L streets, these bids to be called immediately. Bids for the work close March 16th at 8 p. m. Plans and further information may be had from the City Clerk.

STREET IMPROVEMENT—Cost as follows. Modesto, Stanislaus Co., Cal. Engineer, City Engineer, Modesto. Owners, City of Modesto. The City council has awarded contracts for the improvement of L street, from 9th to 10th street; 11th street, from K to L, and 13th street, from K to L, to the Central California Paving Co., 12 Schafer Bldg., Modesto, on his bid of Grading, 1½c per square foot; paving, 13½c per square foot; cement concrete gutters, 16c per square foot; cement concrete curb, 41c per lineal foot.

ROAD TRACTORS—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, County Surveyor, Bakersfield. Owners, Kern County. Two bids were received by the County Supervisors for furnishing the county with a road tractor, these being the Holt Manufacturing Co., of Stockton, and the C. L. Best Gas Traction Co., of San Leandro. Both bids were referred to the Contract Committee for report.

ELECTROLIER SYSTEM EXTENSION—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. A petition will be presented to the City Council within the next few days asking that the electrolier system on Van Ness avenue be extended from Kern street to California avenue, the cost of the work to be paid by the property owners.

HIGHWAY IMPROVEMENT — Cost not stated. Fresno, Fresno Co., Cal. Engineer, County Surveyor, Fresno. Owners, Fresno County. Plans for the improvement of the county road from Sanger to Hume by the elimination of

the heavy grades and the construction of a new road six miles in length, from Millwood to connect with the state road at Cherry Point, have been approved by the directors of the Commercial Club, and the managing director was instructed to prepare resolutions and submit them in person to the Supervisors.

RESIDENCE—1 story and base, frame, $1,800. Fresno, Fresno Co., Cal. Architect, none. Owner, F. C. Wilson, 2321 Hills street, Fresno. Location, Alta Vista Tract. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

WAREHOUSE—1 story, brick, $5,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Pacific Gas and Electric Co. Location, F street near Fresno. Besides the warehouse plans provide for a garage. Plans are complete and figures being taken.

VAULT WORK—Cost as follows. Bakersfield, Kern Co., Cal. Architect, Orville L. Clark, Bakersfield. Owners, Kern County. Only one bid was received by the Kern County Supervisors for the construction of a vault in the County Clerk's office and this was rejected as being too high. New bids have been ordered called. The bid was that of Currie & Dulgar of Fresno for $1,435. The new bids will close April 3rd at 10 a. m. Plans may be had from the architect.

HOSPITAL—2 story and base, reinforced concrete, $50,000. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Revised plans are being prepared for the new buildings to be erected at the County Hospital. Construction will now be made fireproof. Further mention will be made of the work when plans are completed.

LODGE HALL—2 story and base, reinforced concrete, $20,000. Los Banos, Merced Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Mountain Bow Lodge of Odd Fellows. Location, 6th and J streets, covering an area of 65 by 78 feet. Will contain one store and lodge rooms. Plans complete and figures being taken.

HOTEL ADDITION—1 story, reinforced concrete, $100,000. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Fresno Hotel Co. Location, Merced and I streets. Preliminary plans only have been prepared.

Contract Awarded.

ROAD GRADING—$2,750. Madera, Co., Cal. Engineer, County Surveyor Madera. Owners, Madera County. Contractor, R. L. Wood, Madera, grading the new Frizelle road. Contract price, $2,750.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
LOTS 29 AND 30 BLK 1 Van Ness Tct., Fresno. Dwelling and garage.
Owner.....Mrs. Nelsen.
Architect...None.
Contractor..L. J. Berg.
COST, $3900

ALTERATIONS
N AND TULARE STS., Fresno. All work for alteration to church building and store rooms.
Owner...A. Iversen, 304 Fortheamp St., Fresno.
Architect...Glass & Butner, Republican Bldg., Fresno.
Contractor..R. Pedersen & Co., 450 San Pablo St., Fresno.
Filed Mar 1, '17. Dated Mar. 1, '17
Usual 35 days.....Balance
TOTAL COST, $54..
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
E ½ LOT 1 BLK 14 Hazelwood Addition Fresno. Dwelling and garage.
Owner.....Montgomery Thomas, Griffith-McKenzie Bldg., Fresno
Architect...None.
Contractor..Reese & Atkins, 743 Waldon St., Fresno.
COST, $2000

ADDITION
LOTS 24 TO 28 BLK 39, Fresno Steel addition to works.
Owner.....Pacific Gas & Electric Co., J and Tuolumne Sts., Fresno.
Architect...None.
Contractor..Burnett Iron Works, Santa Fe Reservation, Fresno.
COST, $3220

DWELLING
LOTS 17, 18 BLK 3, Yosemite Addition, Fresno. Dwelling.
Owner.....Wm. Burk.
Architect...None.
Contractor..Morris Bros.
COST, $1500

WAREHOUSE
BLK 335, Fresno. Warehouse.
Owner.....J. B. Hill Co., 1648 H St., Fresno.
Architect...None.
Contrector..D. A. Cowan, 415 Glenn St., Fresno.
COST, $5600

DWELLING
LOT 1 BLK 23 Alta Vista Tct, Fresno. Dwelling.
Owner.....F. C. Wilson, 2321 Hills St., Fresno.
Architect...None.
Day's work. COST, $1800

NOTICE OF NON-LIABILITY.

FRESNO COUNTY.

Mar. 6, 1917—N ½ OF SE ¼ SEC 4 Lots 1 and 2 in Sec 6 12-24, Fresno. R W Weldon as to improvements on leased property.....

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
Mar. 5, 1917—LOTS 59 AND 60 Ingersol Tract, Fresno. Herbert Levy to whom it may concern.. .Mar. 5, 1917

LIENS FILED

FRESNO COUNTY.

RECORDED AMOUNT
Mar. 5, 1917—LOTS 19 AND 20 BLK 10 Belmont Addition, Fresno. Patterson-Dick Co vs J C Wickham..$60
Mar. 8 1917—LOTS 19 AND 20 BLK 314, Fresno. Barritt & Hicks Co vs Joe Mazzeo.....$90

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

HIGHWAY IMPROVEMENT — Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin Co. The San Joaquin County Supervisors have approved plans and specifications for improving the Mariposa road from Sanquinetti's corner to the crossing of the Santa Fe Railroad. Bids will be called for on April 3rd. Plans may be had from the County Clerk at Stockton.

BRIDGE—Steel and reinforced concrete. Cost as follows. Yuba City, Sutter Co., Cal. Engineer, County Surveyor, Yuba City. Owners, Sutter County. Property owners and residents of Nicolaus appeared before the Sutter County Supervisors at their last session and asked the construction of a bridge across the Feather River at Nicolaus. The bridge planned will be of reinforced concrete construction and is estimated to cost $120,000. The petitioners ask that construction be started immediately and that the funds be raised by means of a direct tax.

BRIDGE REPAIRS—Cost not stated. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Jenkins & Wells, 3530 Y street, Sacramento, presented the only bid to the Sacramento Supervisors for the proposed work on the Georgiana Slough bridge at Walnut Grove The bid was not opened It is probable that action on the bid will be taken at the next meeting.

BRIDGES—Steel. Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. The San Joaquin County Supervisors have instructed the County Surveyor to prepare the necessary plans and specifications for the construction of steel bridges to span the diverting canal. Plans will be rushed to completion so that early action may be taken in calling for bids on the work..

COMFORT STATIONS — Concrete. Cost not stated. Sacramento, Cal. Architect's name not given. Owners, Sacramento Park Commission. The Park Board has empowered Director Mrs. J. J. C. Fitzgerald to have plans and specifications prepared for comfort stations to be erected at Winn and Marshall Parks.

STREET IMPROVEMENTS—Cost as follows. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. At the last meeting of the City Council, plans and specifications for the improvement of certain streets in Fair Oaks Addition were adopted. The work to be includes grading, gutter and curb work. The City Engineer's estimate for the work was $42,062.36.

STREET IMPROVEMENT—Cost not stated. Sacramento, Cal. Engineer, City Engineer, Sacramento. Owners, City of Sacramento. No bids were received by the Sacramento County Supervisors for road work on Marconi avenue, from Ben Ali to the Sacramento Country Club, or on the Grant Line road from the Central California Traction Company's track at Sheldon to Lindsay place. It is probable that another call for bids will be issued

RECLAMATION WORK — Cost not stated. Marysville, Yuba Co., Cal. Engineer, County Surveyor, Marysville.

Owners, Yuba County. The County Supervisors at their last meeting directed County Surveyor [illegible] to take the necessary steps providing for the drainage of the Yuba Horse district north of Marysville. It is the intention of the Supervisors to carry all destructive surface water into the Nigger Jack Slough by means of a system of canals. Good [illegible] system would benefit [illegible] acres, comprising [illegible] extending from the Ten-mile House to the Bryden ranch, a distance of approximately ten miles. The [illegible] miles wide.

RESIDENCE [illegible] and base, frame, $1,500. Sacramento, Cal. Architect, none. Owner, O. J. Henley, 1621 13th street, Sacramento. Location, 1408 V street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

JAIL ALTERATION Class A construcion. Cost not stated. Sacramento, Cal. Archtect, none. Owners, Sacramento County. Bids will be opened on March 23rd at 2 p. m for miscellaneous alterations to the County Jail. Plans can be secured from the County Clerk.

DETENTION HOME story and base, brick, $25,000. Stockton, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, San Joaquin County. Location, East street, covering an area of 72 by 72 feet. Plans complete and figures being taken. Bids will be opened on April 3rd.

OFFICES ADDITION AND ALTERATION—5 story, Class A construction, $75,000 to $100,000. Sacramento, Cal. Architects, Woollett & Woollett, Highland Place and Ridge Road, Berkeley. Owners, Physicians' Bldg. Location, 10th and K streets. Plans are being prepared.

HYDRO-ELECTRIC PLANT — $17,000,0000. Oroville, Butte Co., Cal. Engineer, Ham, 14 Montgomery strreet, S. F. Owners, Great Western Power Co. Division Superintendent T. J. Dillon of the Great Western Power Co., is the authority for the statement that the Great Western Power Co. will erect the largest hydro-electric plant in the world at a point about 21 miles above their present plant at Big Bend on the North Fork of the Feather River in Plumas County. The main building will be 60 feet long and 86 feet high. Ten sets of 10,000 K. W. generators will be installed, which will have a capacity of 100,000 K. W. Construction will be started at once and will require two years to complete and has been estimated to cost $17,000,000.

ROAD CONSTRUCTION—Cost as follows. Yreka, Siskiyou Co., Cal. Engineer, County Surveyor, Yreka. Owners, Siskiyou County. Owing to the snow lying on the mountain sides, thereby preventing prospective bidders on the Forest House Mountain road from making estimates of the amount of earth and rock to be removed only one bid was received by the Supervisors. It was in the amount of $19,598.-34, which was considered excessive, and was rejected. The Board immediately called for new bids to be opened April 2nd, at which time they expect to let the contract for this four miles of hard surface road over Forest House Mountain on the Scott Valley side.

Contract Awarded.

SIDEWALK CONSTRUCTION — Cost not stated. Woodland, Cal. Engineer, City Engineer, Woodland Owners, City of Woodland. The City Trustees have awarded a contract to John Campbell, 713 North street Woodland, for constructing concrete sidewalks 5 feet wide on portions of the following streets: First street, 5th street, Lincoln avenue, 3rd street, Pendegast Bartlett avenue, 4th street, Clover street, North street and Oak avenue.

HIGHWAY CONSTRUCTION—Cost as follows. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Two bids were received by the San Joaquin County Supervisors for converting the New Hope Landing road into an oil macadam highway, and the contract was awarded to Moreing Bros., Commercial Savings Bank Bldg., Stockton, at $13,731.35. The only other bidder was M. Blumenkranz at $14,219.50.

SEWER PUMPING PLANTS—$2,950. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractors, Electric and Machine Equipment Co., 124 North Eldorado street, Stockton. Contract price, $2,950 and an engine now owned by the city.

STREET IMPROVEMENT—$1,606.82. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Contractors, Heafey & Tobin, Stockton. Contract price, $1,606.82.

APARTMENT HOUSE AND STORE—2 story and base, brick. Cost not stated. Marysville, Yuba Co., Cal. Architects, Milwain Bros., Dalziel Bldg., Oakland. Owners, Aaron, Ewell & Moors, Marysville. Contractor, John Palm, Marysville. Contract price not stated.

IRRIGATION PIPE—Cost not stated. Oroville, Butte Co., Cal. Engineer, none. Owner, Hermann Berg, Oroville. In a joint bid with a Marysville concern, Vaughan Bros. of this city have been awarded one of the biggest contracts for cement irrigation pipe ever placed in this district. The order calls for 15,000 feet of concrete pipe, or nearly three miles of the pipe.

POST OFFICE—2 story, brick, stone and steel, $65,609. Willows, Glenn Co., Cal. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Contractors, Welsh Bros. & Hannanman, Willows. Contract [illegible]

BUILDING CONTRACTS

SACRAMENTO COUNTY.

ALTERATIONS
W ½ LOT 5 BLK bounded by 7th, 8th, I and J Sts., No. 929 J St., Sacramento
Additions and alterations to bldg.
Owner.....S. Hornstein, Sacramento.
Architect ...C. C. Cuff.
Contractor..C. J. Guth, 1516 27th, St., Sacramento.
Filed Mar. 2, '17. Dated Mar. 1, '17.
Payments of 75%
Usual 35 days..... 25%
TOTAL COST, 33989
Bond, $3989. Sureties, Earl Wingard, Sam Gault and C. J. Guth. Limit, 35 days. Forfeit, none. Plans and specifications filed.

FRAME STORE
NO. 3411 MAGNOLIA AVE., Sacramento. One-story frame and brick store and bakery.
Owner.....R. G. Kaiser, 3407 Magnolia Ave., Sacramento.
Architect ...None.
Contractor..T. Schluckbier, 2604 California Ave., Sacramento.
COST, $1860

FORTY-NINTH ST., S of J St., Sacramento. One-story frame dwelling.
Owner.....G. W. Condon, 4804 J St., Sacramento.
Architect ...None.
Contractor..A. Soracco, 1395 48th St., Sacramento.
COST, $1800

ADDITION
NO. 2608 MILLER AVE., Sacramento. Addition to dwelling.
Owner.....C. Vander Graaf, Sacramento.
Architect ...None.
Day's work. COST, $550

NO. 727 J ST., Sacramento. Remodel store front, plate glass windows; remodel interior for meat market and grocery store; build masonry smoke room; install ice boxes, refrigerator equipment, marble counters, etc.
Owner.....Joseph Guth Estate, 1516 27th St., Sacramento.
Architect ...C. C. Cuff, Ochsner Bldg., Sacramento.
Contractor..Chas. J. Guth, 1516 27th St., Sacramento.
COST, $12,000

BRICK DWELLING
NO. 1408 V ST., Sacramento. One-story four-room and bath brick dwlg
Owner.....O. J. Henley, 1621 13th St., Sacramento.
Architect ...None.
Day's work. COST, $1400

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COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Mar. 8, 1917. Lot 1 Blk bounded 27th and 28th, L and M Sts., Sacramento Scottish Rite Cathedral Association of Sacramento to Hateley & Hateley . . . . . Mar. 2, 1917

LOS ANGELES AND SOUTHERN

RESIDENCE — 2 story and base, hollow tile, $10,000. Montecito, Santa Barbara Co., Cal. Architect, Carleton M. Winslow, Van Nuys Bldg., L. A. Owner, Mrs. Henry Stephens. Will contain ten rooms, three baths and servants' wing containing three rooms, bath and laundry. Plans being prepared.

APARTMENT HOUSE—4 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, L. T. Mayo, Black Bldg., L. A. Owner, L. T. Mayo. Location, West Seventh street near Kip, covering an area of 80 by 240 feet. Will contain 200 rooms which will be arranged in suites of two and three rooms containing 84 apartments. Plans complete and revised figures being taken.

RESIDENCE — 2 story and base, frame. Cost not stated. Oak Knoll, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Mrs. Charles A. Chapin. Location, Arden Road. Will contain seventeen rooms, seven baths and conservatory. A two-story garage and servants' rooms will also be erected. Plans are being prepared.

PACKING HOUSE—2 story, reinforced concrete. Cost not stated, Santa Paula, Ventura Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Paula Growers' Association. Will cover an area of 350 by 125 feet. Plans complete and subcontracts being let.

FACTORY—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Robert M. Taylor, Marsh-Strong Bldg., L. A. Owners, Manhattan Furniture Co. Location, Alameda and McGarry streets, covering an area of 80 by 270 feet. Plans being revised and figures to be called for shortly.

PASSENGER STATION — 1, 2 and 3 story, reinforced concrete. Cost not stated. San Bernardino, San Bernardino Co., Cal. Architect, Engineering Department Santa Fe, L. A. Owners, Santa Fe Railroad Co. Will cover an area of 190 by 90 feet. Plans are being prepared.

SCHOOL — 2 story and base, hollow tile, $118,000. South Pasadena, Los Angeles Co., Cal. Architects, Marsh & Howard, 312 Broadway Central Bldg., L. A. Owners, City of South Pasadena. Will contain ten class rooms and an auditorium. A four-class room addition to another school is also planned in the plan. Bonds will be voted on March 14th.

STORES AND LOFTS — 3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, W. H. Harrelson. Location, East Third street near Wall, covering an area of 100 by 97 feet. Plans complete and figures being taken.

Contract Awarded.

HIGHWAY CONSTRUCTION — $18,360. Riverside, Riverside Co., Cal. Engineer, County Surveyor, Riverside. Owners, Riverside County. Contractor, J. S. Miller, Santa Monica. Contract for 3½ miles of highway, $10,360.

PROMENADE — $55,952.03. Manhattan Beach, Los Angeles Co., Cal. Engineer, City Engineer, Manhattan Beach. Owners, Town of Manhattan Beach. Contractors, Redondo Construction Co., Redondo. Contract price, $55,952.03.

PORTLAND AND OREGON.

SCHOOL ADDITION—2 story, reinforced concrete, $40,000. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. This addition will include six class rooms, office and an assembly hall. Plans complete and figures being taken.

SCHOOL—2 story and base, reinforced concrete, $100,000. Corvallis, Ore. Architect, John V. Bennes, Chamber of Commerce Bldg., Poraland. Owners, Oregon Agricultural College. Designed for class rooms and a library. Plans are being prepared.

LINING WATER TUNNEL—Cost not stated. Astoria, Ore. Engineer, Lars Bergsvik, Astoria. Owners, City of Astoria. Plans have been completed by Lars Bergsvik, engineer for the Astoria Water Commission, for lining the tunnel with concrete and construction of high service distribution system. The tunnel extends for a distance of 1200 feet. The work will consist of clearing and grubbing, excavating and backfilling trenches, furnishing material and laying 11,136 feet of 6, 12, 14 and 18-inch cast iron pipe, placing specials, placing hydrants, lining a 1200-foot tunnel with concrete and building manholes. G. W. Lounsberry is clerk of the board.

Contract Awarded.

VIADUCTS—Reinforced concrete and steel, $506,457.50. Portland, Ore. Engineer, City Engineer, Portland. Owners, City of Portland. Contractors, Pearson Construction Co. Seattle, Wash. Contract price, $506,457.50.

SEATTLE AND WASHINGTON.

BRIDGE FOUNDATIONS — Cost as follows. Seattle, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. The Erickson Construction Co., Seattle, submitted the lowest bid to the City Council for the construction of the foundation for the Eastlake bridge at $217,989.47 for "'wet" concrete and $195,704.47 for "'dry." It is probable that they will be awarded the contract.

RESIDENCES — 100, 1 story and base, frame, $10,000 to $15,000. Seattle, Wash. Architect F. H. Perkins, Lumber Exchange Bldg., Seattle. Owners, H. S. Turner Realty Co., 5900 California avenue, Seattle. Location, West Seattle. These houses will contain from eight to fourteen rooms. Plans are being prepared and construction will be carried on in units of from four to twenty houses at a time.

IRRIGATION PROJECT—Cost as follows. Otis Orchards, Wash. Engineers, Sawyer Bros., White Bldg., Seattle. Owners, Otis Orchard Irrigation District. Bids opened at Otis Orchards for the installation of over 150,000 feet of pipe for the [illegible] Hope Peterson, Marion Bldg., Seattle, was awarded the contract for pipe at $[illegible]-096.75, and J. H. Fletcher, formerly in the City Engineer's office, Seattle, was awarded the contract for [illegible] at $[illegible] for concrete pipe. Engineers, Sawyer Bros., White Bldg., Seattle.

DRAINAGE SYSTEM — Spokane, Wash. Engineer, City Engineer, Spokane. Owners, City of Spokane. Commissioner of Public Works Funk reports that plans for a proposed sewer system to drain the business section are prepared and will be presented to the Council at an early date. Plans provide for a reinforced concrete system with pipe 5½ feet in diameter.

Contract Awarded.

HOTEL — [illegible] story and base, brick, $36,360. Chehalis, Wash. Architect, C. E. Troutman, Aberdeen. Owner, William West. Contractor, S. C. Erickson, Tacoma. Contract price, $36,400.

NEVADA.

SCHOOL — 2 story and base, reinforced concrete. Cost as follows. Sparks, Nev. Architect, F. D. De Longchamps, Nixon Bldg., Reno. Owners, Sparks School District. Will contain fourteen class rooms. Plans complete and ready for figures.

Note: Plans are also being prepared for a grade school and bids will be called for shortly. The sum of $65,000 is available for constructing the two buildings.

AWARD CONTRACTS FOR MARIN WATER DISTRICT.

San Francisco Firms Secure Contracts For Excavating Alpine Dam Site And For Road Work.

SAN RAFAEL, Marin Co., Cal., Mar. 8th, 1917.—Bids were opened at the Thursday meeting of the Marin Municipal Water District for excavating at the Alpine Dam site and for constructing a road along the pipe line. Plans for this work were prepared by Engineer A. R. Baker of San Rafael.

About 5,749 cubic yards of earth and 5,363 cubic yards of rock is included in the Alpine Dam work, while the following approximate quantities are included in the construction of the road, which will be 30 feet wide and about 3½ miles long, clearing 14.24 acres 53,047 cubic yards of excavating, 614 feet of 8 inch corrugated iron pipe 418 feet of 12 inch, 240 feet of 18 inch and 78 feet of 36 inch.

A contract for the work at the Alpine Dam was awarded to J. P. Holland, 553 3rd street, San Francisco, at $9,962.20 and for the road construction to R. B. Markle Jr., Hearst Bldg., San Francisco, for $18,975.61. Following is a complete list of the bids received:

Road Construction.

[illegible] $18,[illegible]
[illegible] $[illegible]
Daniel O'Day Co., S. F..... 25,011.20
A. J. Fairbanks, S. F..... 28,974.68
C. B. Cowden, S. F..... 36,570.93
[illegible] $[illegible]

Excavating Alpine Dam Site.

J. P. Holland, S. F.....$ 9,962.20
A. J. Fairbanks, S. F..... 10,183.21
J. M. DeLuca, S. F..... 10,961.87
C. B. Cowden, S. F..... 14,591.45

VALLEJO MASONIC TEMPLE FIGURES ARE OPENED.

Bids For Both General Construction And Heating Found to be Very Close on Association Building.

(By Special Wire)

VALLEJO, Cal, March 7, 1917.—Bids were opened by the Vallejo Masonic Temple Association at their meeting tonight for the construction of their new lodge building to be erected at the northwest corner of Marin and Virginia streets.

The building was designed by Architect John Davis Hatch, Humboldt Bank Bldg., San Francisco, and will cover a ground area of 100 by 100 feet. Construction will be of Class "C" type. A complete list of the bids opened follow:

General Construction.

Stockholm & Allyn	$73,977
P. J. Lynch & Co.	80,200
W. C. Duncan & Co.	84,420
Harvey A. Klyce	77,206
Elmer Carlson	79,297
Cameron & Disston (low)	73,900
Howard S. Williams	78,737
Wright & Kohn	81,939
Matthews Constr. Co.	76,885

Heating and Ventilating.

J. E. O'Mara (low)	$6,147
Gilley-Schmid Co.	7,623
Atlas Heating & Ventilating Co.	6,200
Thomas J. Kennedy	6,280
J. C. Hurley Co.	6,523

All bids were taken under advisement.

STATE HARBOR COMMISSION AWARD PIER CONTRACT.

Healy-Tibbitts Construction Co. Will Build Pier No. 31. Four Bids Submitted for Work.

Bids were opened at the Thursday meeting of the State Board of Harbor Commissioners for the construction of Pier No. 31, a creosoted pile and concrete structure, which is to be erected at the foot of Francisco street. The structure will be 800 feet long and 150 wide. Plans were prepared by Chief Engineer White. The contract was awarded to Healy-Tibbitts Co., 9 Market street, on their bid of $293,600. Following is a complete list of the bids received:

Healy-Tibbitts Constr. Co.	$293,600
Clinton Constr. Co.	296,400
J. D. Hannah	337,000
San Francisco Bridge Co.	372,700

IMPARTIAL SERVICE TO AMERICAN EXPORTERS.

The Department of Commerce cautions American firms embarking in the export trade against misrepresentations by companies formed for the purpose of acting as exporters' agents. These agencies claim to have the organization and facilities to place and develop American business in foreign lands with the least amount of trouble and the most profit to the American manufacturer.

The occasion of the Commerce Department's warning is the advertising publicity given to the organization of some of these export agencies, in which the inference seems to be conveyed that they are in particularly close touch with the foreign trade developing system of the Commerce Department. The department announces that its services are rendered impartially to all reputable American firms, companies, and individuals.

Any statements of a firm that "The Department of Commerce is extending all the help in its power," or declarations of a similar nature, mean merely that the firm may get the same aid and co-operation from the department as any other American exporter. The department goes further and advises American manufacturers to investigate carefully the financial status and organization of firms for foreign trade which aspire to handle their business.

Serious damage has been done to the good name of American trade in foreign countries by dishonest practices which would not be tolerated in our domestic trade, and by export companies which through their ignorance, their own financial weakness, or their lack of suitable organization at home and co-operation abroad, can not be expected to succeed.

No manufacturer should be led to believe that he may expect permanent success in foreign trade unless he satisfies his customers and acquires a high reputation for honest and serviceable wares. If the trade is direct, this rests with himself, but if it is conducted through an export concern it is of vital importance to the manufacturer that he assure himself of the solidity, standing, business ethics, and capacity of his agents or representatives, who, in a sense, become the custodians of the manufacturer's most valuable asset—his reputation.

anese newspapers predict an output of well toward 12,000,000 barrels within two years. The Hongkong industry is in better shape than it has been, although the business is more restricted. Cement from the United States will have no part in the trade so long as present freight rates obtain.—Report of Consul General Geo. E. Anderson.

NEW IDEAS IN SCHOOL CONSTRUCTION.

Shortly a new type of school building must appear in every industrial center especially adapted to the various occupations and equipped therefor. The expense is much less than for high schools. They should be placed near high schools or other common schools so that children in the regular schools who are about to enter employment can easily prepare themselves by going for part of the time to the industrial school. This training will largely supersede that meaningless, ineffective stuff which we have called manual training, says H. G. Miles, in American Industries.

Into a school located close by elementary and high schools where manual training is taught, the working children of the city can come for one or two half days each week to be taught the occupation they elect, and manual training pupils can get the manual instruction they ought to have, which is very different from what most of them now get. Instruction can be specialized to any extent that the situation warrants and for any number of pupils, particularly when the central vocational school's equipment is supplemented by class instruction in shops.

Into this school many concrete or hand-minded children can come at fourteen or later for regular all-year instruction, eight hours daily five and one-half days a week, fifty weeks a year, and thereby secure 2,200 hours of instruction per year as against 950 hours in the ordinary high school. This will give them more schooling in two years than does a high school in four. And it gives them a trade besides, so that at sixteen they go into the occupations masters of themselves and well along in the pathway to success and good incomes. Precisely this is being done now in various cities. The pupil hour cost is approximately midway between the elementary school cost and the high school cost. .

These schools are complementary to the present academic schools. They can carry instruction to the highest point circumstances warrant and for all ages, the older workers coming mostly for evening instruction. By them and not otherwise will our great democracy become educated efficient, broadly intelligent and happily co-operative.

This is not a theory—it is a statement of facts, of things now accomplished in Europe generally, and in several places in the United States.

ELECTRICAL UTILIZATION SAFETY ORDERS.

The Industrial Accident Commission has called Public Hearings to consider proposed revisions to Electrical Utilization Safety Orders Nos. 703 and 737. The first Hearing will be held in Room 407, 525 Market Street, San Francisco, on Friday, March 9, 1917, at 10 A. M. The second Hearing will be held in Room 405, Union League Building, Second and Hill Streets, Los Angeles, on Monday, March 12, 1917, at 10 A M.

Those interested in the questions to be discussed are especially invited to be present at either, or both, of these Public Hearings.

The proposed changes concern the size of wires for different capacities of automatic cutouts, and contain provisions for the disconnection of fusible cutouts before handling. Special requirements are stipulated which will necessitate the enclosing of fuses and interlocking of switch cabinet covers in relation to switch handles where fused switches of the externally-operated type are used.

STATE CORPORATION DEPARTMENT

SACRAMENTO, Cal.—Stockton Sugar Company, Inc., has been permitted by Commissioner of Corporations H. L. Carnahan to sell 100 shares at par, $100 per share, net to the company. The proceeds are to be used for preliminary work incident to the establishment of a large beet sugar refining enterprise near Stockton.

Indian Hill Citrus Association, North Pomona, Cal., is permitted to sell 60,815½ shares at a price not less than par, $1 per share, net to the company.

Elks Hall Association of Chico has been permitted to sell 456 shares at

par, $25 per share, net to the company.

Western Hotel Company, Marysville, Cal., has been permitted to sell 1000 shares of preferred at $95 per share, to net the company not less than 95% of the selling price. The proceeds are to be used for the purpose of reducing liabilities and improving the hotel building at an estimated cost of approximately $20,000.

Ostrander-Race Hardware Company, Lindsay, has been permitted to issue 24 shares as a stock dividend.

STATE WATER COMMISSION.

The first report of the State Water Commission, which is just from the hands of the printer, covers a period from March 1915 to December 1916, a little less than two years. Among many other things, it shows that agriculture tops the list for use of water by the overwhelming percentage of 93 per cent of the total amount applied for. Power represented 5 per cent, mining 1 7-10 per cent and municipal supply 3-10 per cent. The following are the amount applied for for all purposes, given in the units of second feet, which should be multiplied by 40 to give the equivalent in miner's inches: Agriculture, 91,360 second feet; power, 4892 second feet; mining, 1624 second feet; municipal supply, 257 second feet.

The total number of separate applications for permission to use water was 531, divided as follows: Agriculture 435; mining, 55; power, 34; municipal, 7.

There were 192 permits granted as follows: For agriculture, 162; for mining, 23; for power, 7. The remainder, with the exception of some few which were withdrawn or rejected, are now before the Commission in various stages of action.

There is an interesting map accompanying the report which shows at a glance, the location of every application. While nearly every county of the state is represented, the scenes of greatest activity may be roughly located in four sections, namely: Los Angeles and San Bernardino counties in the southern part of the State; Kern, eastern Fresno, Inyo and Mono counties in the southeastern part; Yuba, Sutter, Butte, Colusa and Glenn counties, comprising the rice-area, in the Sacramento valley; and Modoc and Lassen counties in North-eastern California. Several other counties had large individual applications and in many counties not showing much of a record, the uses of water has been developed to a large degree at prior periods.

The report contains interesting chapters on the following subjects, among others: "Earlier Efforts in Water Legislation;" "Water Rights in California;" "Water Supply of California;" "The Duty of Water;" "Ground Waters and Their Relation to Surface Waters;" "Interstate Water Rights;" "Influence of Tide on Appropriations of Water;" "Water Spreading."

The report also contains a list of the principal private irrigation enterprises of the state and of all of the irrigation districts. A chapter of interest is that describing just how the Commission acts on an application from the time it enters the office until it is disposed of, with useful information to prospective applicants, to assist them in preparing their applications. A feature which will be sought by many is a complete tabulation of every application presented to the Commission since its organization, giving all the data in regard to each one, the list being arranged by counties for easy reference.

In the matter of interstate water rights, the Commission holds for a policy that will allow adjoining states to use the waters of each for mutual benefit without respect to the imaginary boundary lines. In this connection, the report cites the great benefits California has received from the development of its sister state of Nevada, from the time of the Comstock days until the present time.

For the first time is published a report on the investigations of the duty of water in the cultivation of rice, in co-operation with the U. S. Department of Agriculture, the work having been done during the past summer. How important is this matter may be indicated by the statement that has been made in agricultural circles, that if rice production continues to increase, it will soon be running wheat a close race as the second cereal crop of the state, barley being the first. In 1912 there were only 1400 acres devoted to rice culture and in this year (1916) there were approximately 70,000 acres. The report shows the study of 18 separate rice-fields. Ten different soil types were represented. The depth of the ground water played an important part in the use of water in irrigation. Where the water-table was about one foot below the surface, as near Biggs, the amount applied was much less than in fields near Willows and Marysville, where the water-table was from 3 to 12 feet below the surface. Rice growers differ as to methods of irrigation. Some claim that it is necessary to keep water constantly running through the rice to prevent stagnation, while others that just enough water need be appiled to take care of evaporation and maintain a uniform depth over the field.

The minimum amount applied to any field was 4.27 acre feet per acre on a field of Stockton clay-adobe near Biggs and the maximum net amount used was 14.83 acre feet per acre on Willows loam and clay-abode near Willows. The average depth applied to the 18 fields was 8.23 feet and the cost per acre for irrigation varied from $7 to $10. The Wateribune was the most extensively planted variety. The total irrigation season was from 155 to 189 days, although one variety of Japanese rice required but 117 days to mature.

A striking feature of the rice industry is that consideable land, known as "goose-land," and which had been utilized only for scanty pasture, was this year planted to rice.

The report also publishes the amendments which the Commission is asking the legislature to enact, in order to strengthen the original law. Copies of the book may be had on application to the Commission.

THE CONCRETE SHIP.

It would be too much to say that the concrete ship has "arrived," but it is perhaps not too much to say that it is in sight. The ofling is not without its perils for such a vessel, and it may be some time yet before the ship is safely berthed, but the possibility is there.

When the late Monsieur Hennebique began to give practical shape to the old idea of combining concrete with iron reinforcements embedded in it, there were many who believed the proposition would fail. Since then the world has seen the almost complete realization of Hennebique's dream. An immense variety of works, small and great, and of the most varied character, from a simple watertank to lofty warehouses and great bridges, have been completed in reinforced concrete. It may be that there has not yet elapsed sufficient time to determine the question of permanence, particularly in the case of structures more or less submerged in water. Indeed, there are anxieties in competent quarters in regard to some existing structures, and it will perhaps be necessary to exercise a large measure of faith concerning them for some time to come. The possibility of corrosion of the embedded steel has still to be taken into account. Nevertheless, given proper care in the selection of materials and in the preparation of the concrete and the use of reasonable factors of safety, ferro-concrete is probably admissible as a material to take the place of steel in the construction of ships. There are now innumerable concrete tanks successfully keeping water in; and, after all, the skin of a ship is essentially a tank the purpose of which is to keep water out.

Anyway, not to mention a concrete barge of 200 tons capacity which has been doing useful work on the Manchester Ship Canal for some years and another on the Seine, a vessel of 1,000 tons has been successfully built of ferro-concrete and launched in Norway. This will unquestionably be followed by larger ships, and we shall, therefore, presently see whether a material which appears to be standing satisfactorily the viabrations set up by great rolling loads on bridges will stand equally well the peculiar and continuous vibration and the shocks to which an ocean-going vessel is exposed.

It is obvious that if this singular material can be successfully used for large ships, steel and iron must meet a most formidable competitor in a new connection. The dead-weight of a ferro-concrete ship of a given capacity must exceed that of a steel ship of equal capacity, though not, perhaps, by so much as one would imagine. Something extra in the way of working costs will, therefore, be involved. On the other hand, the ferro-concrete ship will be cheaper to build; it will be constructed in less time than a steel ship, and will not be affected by corrosion. It will thus be more durable, assuming (no doubt a large assumption) that it will resist percolation, vibration, and shock to the necessary extent.—Exchange.

Samples of marble forwarded from Guatemala City, Guatemala, by Consul Samuel C. Reat may be inspected at the Bureau of Foreign and Domestic Commerce, Customhouse, San Francisco. Refer to file No. 82002.

RELIEF FOR CONTRACTOR.

SACRAMENTO, Cal.—Major John J. Conlon, a former contractor of San Francisco, who has appealed to many legislatures in an effort to have passed an act permitting him to sue the city and county for payment of street work completed thirty years ago, has been favored by the senate municipal corporations committee. At the request of Senator W. S. Scott, the committee recommended that the bill be passed. Major Conlon has sought for years to bring suit for the recovery of $60,000 and the legislature generally has granted him that right, but his bills never have been enacted into law.

THE TEN DEMANDMENTS.

No. 1—Do not owe me any time, and I am sure to catch you in the end.

No. 2—Watch your work, not the clock. A long day's work makes a long day short, and a short day makes my face long.

No. 3—Give me more than I expect, and I will give you more than you expect. I can afford to increase your pay, if you increase my profits.

No. 4—You owe more to yourself. You cannot afford to owe any body else. Keep out of temptation, or keep out of my shop.

No.—Dishonesty is never an accident. Good men like good women never see temptation when they meet it.

No. 6—Mind your own business, and in time you will have a business of your own to mind.

No. 7—Do not do anything here which hurts your self-respect. An employee who is willing to steal for me, is willing to steal from me.

No. 8—It is none of my business what you do at night. But if dissipation affects what you do the next day, and you do half as much I demand you will last half as long as you hope to last.

No. 9—Do not tell me what I like to hear, but what I want to hear.

No. 10—Do not kick if I kick. If you are worth while correcting, you are worth while keeping. I do not waste time cutting specks out of rotten apples.

NOVEL SCHOOL VENTILATION SCHEME.

W. A. Conrad, Superintendent Coloma, Michigan, schools, says with regard to school ventilation:

At this time when so much is being said and written with the purpose of awakening the public to a realization of the importance of fresh air in the school room as a defense against tuberculosis, it may be worth while to tell how we do it in our schools at Coloma, Michigan. Our buildings is steam-heated and did not have sufficient ventilation without the use of the open window with its attending drafts. Our problem was to secure a change of air without the drafts. We took our hint from the burlap ventilators on poultry-houses. Our pupils have the same rights to good air as the fowls, so we acted accordingly. We had our janitor get some strip lumber such as is used in making window screens. Out of this he made frames to fit the upper half of the school room window and covered them with a high grade of common muslin securely tacked. These were fastened outside the upper sash just as an ordinary wire screen would be.

In the morning after the rooms are warmed the upper sash can be lowered and an interchange of air takes place without the detrimental drafts. Neither snow nor rain have caused any difficulty so far.

Last spring we were visited by a Red Cross nurse who was at that time touring the country investigating the sanitary conditions of the schools. She was profuse in her praise of the fresh, wholesome air condition of the schoolrooms and of the alert, rosy-cheeked student body resulting therefrom.

LOW FIRE LOSS ON NATIONAL FORESTS IN 1916.

WASHINGTON, D. C.—A loss to the Government of $162,385 in timber, forage and young growth was caused by fires on the National Forests in 1916, according to statistics compiled by the Forest Service. Although there was more than the average number of fires, the loss is the smallest that has been sustained from fires since the National Forests were established. A favorable season in the regions where the most severe damage is usually sustained is given as the chief reason for the relatively small loss.

A total of 299,377 acres of Government land was burned over. In addition to this, the fires covered 123,160 acres of privately owned land in the National Forests where timber valued at $36,214 was consumed. About 44 per cent of the total area burned was located in the National Forests of Arkansas and Florida.

Of the 5,655 fires which occurred, 4,133, or 73 per cent, were confined to areas of less than 10 acres. Many of these small fires, according to the Forest Service, might have developed into serious conflagrations had they not been extiguished in their incipiency.

The average cost of fighting each fire was approximately half that of former years. Lightning was the chief cause of the fires and was responsible for 23 per cent of all those which occurred. The causes of 18 per cent were unknown, while careless campers started 17 per cent. There was a slight increase in the fires of incendiary origin, as well as those started by sparks from locomotives. With the exception of those caused by lightning, all the fires were due to human agencies. One fire in Idaho which burned 600,000 feet of timber was caused by the carelessness of a ten-year-old boy.

The season was one of particular severity in the southwest, as well as parts of Colorado and Wyoming, where local weather conditions created at times a grave situation. In Washington heavy loss was caused by fires which started in inaccessible places and which the rangers were unable to reach for several days because of the lack of trails.

PLANS BIG RIVER DAMS.

LOS ANGELES, Cal.—Plans for construction of three dams in Colorado river near the mouth of Diamond canyon, to furnish cheap electric power for railroad, mining and other industrial work in Arizona, Nevada and Utah have been completed, according to word from Arizona points. J. B. Girand, local engineer, who originated the plan, states that New York construction engineers are now investigating the proposition, by which it is stated 1,000,000 horsepower can be developed.

At Diamond canyon the Colorado is very narrow, flowing between walls 1500 feet high.

GOVERNMENT PUBLICATIONS FOR SALE.

The following were among the publications received in stock for sale by the Superintendent of Documents at Washington during the week ended February 17:

Durability of Stucco and Plaster Construction (Standards Bureau Technologic Papers 70.)—Progress report containing results of investigations up to April, 1916, by the bureau in cooperation with advisory committee composed of practical plasterers, representatives from Government offices, engineering societies, and industrial associations. Price, 15 cents.

Financial Development in South American Countries (Foreign and Domestic Commerce Bureau Special Agents Series 103; reprint).—Describes financial conditions in Argentina, Brazil, Bolivia, Chile, Peru and Uruguay, immediately preceding and just after the outbreak of the European war. Price, 5 cents.

United States Government Specification for Portland Cement (Standards Buerau Circular 33, 3d er.).—Formulas and rules for the manufacture and testing of Portland cement adopted as the results of a conference between experts, scientists in the Government departments, and members of scientific societies. Price, 10 cents.

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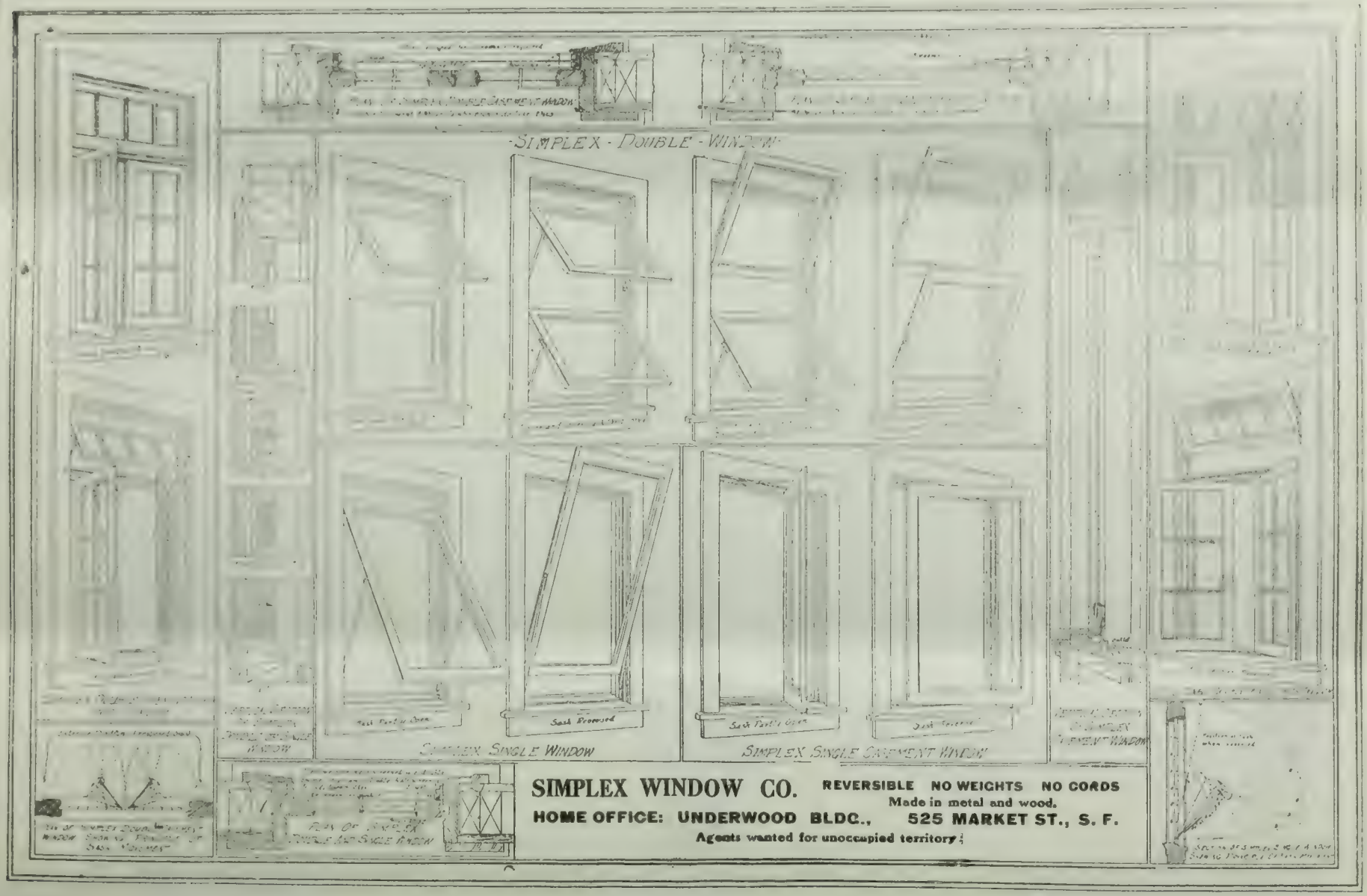
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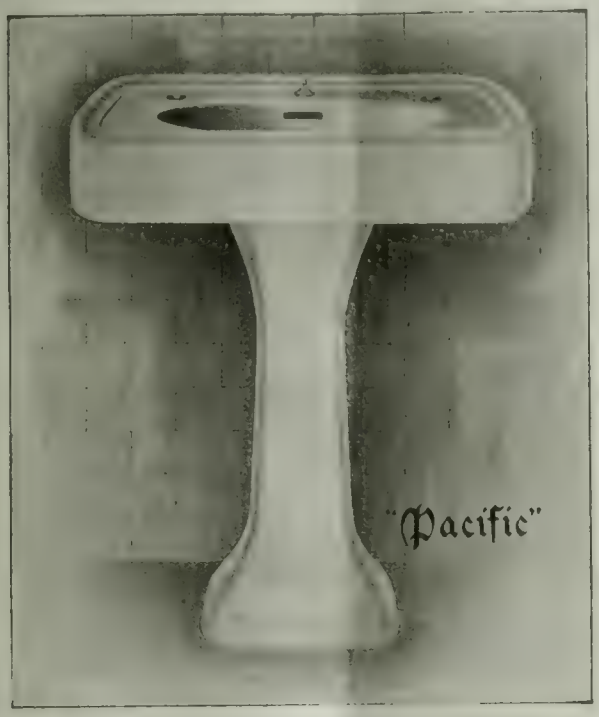
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3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
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Pending Legislation.

Report on Same by Committee from the General Contractor's Association.

The following report is worthy of the serious attention of every man engaged in the Building Business:

To the Members of the General Contractors Association:

Your committee appointed to investigate and report on the measures pending before the State Legislature now in session of particular interest to those engaged in the building business, with the purpose of assisting you individually in urging the passage of such measures as seem to be in the interest of the public welfare and the defeat of those which do not, respectfully offers the following concise statement of the object or effect of each bill, together with such brief comment as has been thought would be helpful:

The name of the committee that has the bill in charge is given under the number.

1. The following measures are deemed extremely injurious to the public welfare and especially to the interests of employers:

A. B. 1126 (Judiciary)—

(Wishard, Los Angeles) is entitled "An Act Providing for Public Safety in Buildings, etc.," but is in fact a new **Architects' License Law** and would prohibit the construction of any building (except a dwelling for a single family) or doing any work thereon unless same be designed, specified and performed by or under the direction of a certificated architect (amended bill includes structural engineers). **All architects (and structural engineers) now practicing in the State are to be certificated without examination and therefore without regard to their ability or disposition to design and supervise safe buildings**

The bill claims to accomplish the impossible; that is, to make buildings safe by examining the designer.. It is the **building itself and its plans and specifications that should be examined in behalf of the public, regardless of who designs or superintends the building.**

The bill belies its title, involves an ulterior purpose not in the public interest, implies an unsafe condition in existing buildings designed by others than certificated architects, which is contrary to fact, would place unwarranted and injurious restrictions on many concerns that are equipped and prefer to do their own designing and supervising, and is not worthy to take up the time and attention of our legislators.

S. B. 1035 (Lab. and Cap.)—

(By Flaherty) is an **anti-injunction bill,** and requires that "no restraining order shall be granted by any court in any case involving or growing out of a dispute concerning terms or conditions of employment, unless necessary to prevent irreparable injury to property.

S. B. 626 (Judiciary)

(By Brown) is another **anti-injunction measure** under an innocent-appearing title. After enumerating seven kinds of combinations as unlawful and authorizing injunctions against the same, it exempts labor organizations and specifically **legalizes striking, boycotting and picketing.**

A. B. 13 (by Farmer), **A. B. 709** (by Argabright), **S. B. 56** (by Scott), (Judiciary)

Are similar to each other and require a bond on all public work to protect labor, material and supply claims and give claimant 90 days after completion of contract to file claim and six months thereafter to commence suit.

The most objectionable feature of these bills is in the unnecessary length of time allowed claimants both for filing claims and for commencing suit. Inasmuch as county, city and state auditors will not, in general, accept security under bond as sufficient, but insist on withholding the contractor's money until all claims are satisfied, it is only fair that creditors be required to file their claims promptly and that they do not delay enforcing them. **The lien law allows 30 days to file claims and 90 days to commence action, and a similar arrangement should suffice on public work.**

2. The following measures are of great importance to the public welfare and should be strongly endorsed for enactment:

Public Investigation and Peaceful Mediation of Industrial Disputes.

A. B. 538 (Pub. Utilities)—

(By Goetting, S. F.) provides that both parties to an industrial dispute in a public utility (railroads, gas and electric companies, etc.) shall before ordering a strike or a lockout, submit statements of their differences to the Railroad Commission, which shall appoint a board of mediation to investigate and endeavor to settle the dispute, thirty days being allowed for this work, during which time work shall proceed under the old conditions, both parties being left free to act independently thereafter, without being bound by the decision of the Board.

There are three sides to every question concerning the operation of public utilities—the employer, the employee and the public, and the greatest of these is the public. It is unfair to the public to suspend service without warning while employer and workers quarrel. Moreover, the worst possible time to act is in the heat of passion. This bill calls for deliberation, publicity and sane reasoning, at the same time insuring independence of action on the part of both employee and employer.

S. B. 695 (Judiciary)—

(By Ballard) Act is the **anti-boycott bill** and would make it unlawful to conspire combine or enter into any agreement for the purpose of preventing any other person from carrying on any lawful business.

The passage of this bill is essential to the preservation of the personal freedom of our citizens and the perpetuation of free American institutions in a spirit of mutual tolerance and respect.

In the Interests of Young America.

S. B. 736 (Lab. and Cap.)—

(By Rominger) would forbid restrictions on the number of apprentices permitted in any trade.

This bill is necessitated by the attitude of some organized interests, in defiance of fair play and the spirit of America, reserving for their limited membership the exclusive privilege of working in certain trades, thus preventing the young men and women graduates of our trade schools from earning wages at the trades they have learned.

3. Senate Bills 815 to 829, inclusive, introduced by Senator Luce at the request of the Industrial Accident Commission, are intended to improve the law in the interest of all concerned and appear unobjectionable.

S. B. 815 (Insurance)—

(By Luce) is an effort to insure the solvency of insurance carriers and contains provision that a guaranty fund shall be established and maintained by the entire body of insurance carriers to insure beneficiaries against loss on account of insolvent or defaulting carriers.

S. B. 816 (Judiciary)—

(By Luce) amends the law relating to the handling of explosives.

S. B. 817 (Pub Utilities)—

(By Luce) provides for co-operation between Railroad Commission and Industrial Accident Commission with respect to safety orders affecting public utilities.

S. B. 818 (Judiciary)—

(By Luce) amending the Compensation Law, reduces waiting period to 10 days; permits employee to object to the physician assigned to him and to choose from three others selected by employer; removes the 90 day limit on medical and surgical treatment, leaving same to discretion of the Commission; doubles compensation in cases of serious misconduct of employer, but denies the employee the right to sue the employer in a court of law; extends the act to cover farm labor, leaving only domestic servants exempt, and makes certain minor changes in procedure, the object being to bring the act under Section 17½ of the Constitution, granting the Legislature full police power.

S. B. 820—

(By Luce) provides for inspection and control by Industrial Accident Commission in connection with operation of steam boilers.

S. B. 821 to 826—

Inclusive, repeal statutes controlling scaffolding, hoisting, signal, temporary floors, elevators, etc., thus leaving these matters to the judgment of the safety department of the Industrial Accident Commission.

S. B. 827 (Lab. and Cap.)—

(By Luce) requires a permit from Industrial Accident Commission for operation of power elevators in places of employment, provides for annual and semi-annual inspection and authorizes a fee of $1.00 per elevator per year.

S. B. 828 (Lab. and Cap.)—

(By Luce) invalidates any association, partnership or "station gang" agreement for performance of manual labor unless approved by Labor Commissioner, who shall see that it provides for not less than $2.50 per day net, protection against overcharges for material and for proper sanitation.

S. B. 829 (Insurance)—

(By Luce) augments the control of the Insurance Commissioner over insurance carriers.

S. C. A. 30—

(By Luce) is designed to validate and perpetuate the Workmen's Compensation Act.

4. The bills abstracted below are grouped in general by subject which necessarily involves mixing the good, bad and indifferent. Comment is offered where deemed necessary.

S. C. A. 26 (Const. Amdts.)—

(By Kehoe) authorizes legislation to establish health insurance.

A. C. A. 19 (by Harris), **A. B. 9** (by Collins), (Lab. and Cap.)—

Would prohibit charging a fee for assisting a person in obtaining employment.

A. B. 975 (Lab. and Cap.)—

(By Carlson) would require that all employment-agency fees be paid by the employer and that no applicant shall be sent to a job without an order from the employer.

A. B. 704 (Lab. and Cap.)—

Requires state officials to patronize state employment bureaus.

S. B. 111 (Lab. and Cap.)—

(By Duncan) would make Justices of the Peace in townships of less than 15,000 population employment agents, to receive fee of 10c per day from the employer for each day the employee works.

A. B. 705 (Lab. and Cap.)—

Provides a general superintendent of employment bureaus under the Commissioner of Labor at $3,000.00 per annum.—Just another job for the faithful.

All this legislation with respect to employment bureaus appears to serve no good public purpose but appears to be class legislation only slightly veiled, having as its real purpose the increased domination of labor by organized politicians.

S. B. 254 (Pub. Health)—

(By McDonald) requires dust-proof containers (paper or paper-lined bags) for cement.

A. B. 256 (Lab. and Cap.)—

(By Collins) would establish minimum wage of $3.00 per day for all labor controlled by the State, and make such a provision a necessary part of any legal contract.

A. B. 74 (Lab. and Cap.)—

(By Mouser) would make monthly pay-day mandatory instead of optional with the employee, as the present law provides.

A. B. 172 (Lab. and Cap.)—

(By Morris, S. F.) is a general Sunday closing law, enforcible by Labor Commissioner, exempting drug stores, saloons, hotels, restaurants, libraries, amusement resorts, public utilities, newspapers, and persons that worship and suspend business on another day.

A. B. 800 (by Prendergast, S. F.) is similar to A. B. 172, but would close saloons on Sunday.

S. B. 437 (Lab. and Cap.) -

(By Lyon) provides that wages on private work shall be paid in money or in some form easily and promptly convertible into money without discount.

A. B. 250 (Lab. and Cap.)—

(By Williams, Tuolumne) provides for payment of practically all wages in cash. S. B. 437 above, is preferable, and more reasonable than this.

A. B. 534 (Lab. and Cap.)—

(By Williams) prohibits the discharge of an employee for refusal to patronize the employer's boarding house. This bill might interfere seriously with control and protecton of workers. Workers can be and are protected against imposition by other measures such as the Immigration and Housing Act. An employer should have the right to prescribe conditions of employment when not injurious to the employee.

A. B. 994 (Insurance)—

(By Harris) applies to farm labor and domestic servants and forbids an employer to designate where an employee shall seek hospital service or insurance.—It is difficult to see what good purpose this bill can serve.

S. B. 954 (Lab. and Cap.)—

(By Scott) requires all State employees on a per diem basis shall be paid for legal holidays at same rate.—This something-for-nothing measure would fail of its purpose, for employers would naturally discharge such employees the day before each holiday and re-engage such as they wanted the day after.

S. B. 513 (Lab. and Cap.)—

(By Lyon) authorizes Industrial Welfare Commission to call and supervise wage conferences of employers and employees in equal numbers in any industry, the members of such conference to receive $5.00 per day and expenses; findings of such conference to be publicly posted by each County Recorder for 10 days.—This bill is limited in scope and otherwise inferior to A. B. 538 and should give way to it.

A. B. 1025 (Lab. and Cap.)—

(By Gebhardt) forbids compelling or coercing any employee to purchase anything of value from the employer.

S. B. 1015 (Lab. and Cap.)—

(By Lyon) principally prohibits operating powder works within one mile of railroad and street car line and would put several long-established concerns out of business for no good reason.

A. B. 211 (Lab. and Cap.)—

(By Harris) makes wages of a discharged employee due immediately and of one who quits due within five days thereafter; provides for a semi-monthly payday, except for farm hands, and domestics and those working for employers of three or less persons, in which cases 30-day intervals are allowed; wages to accumulate until paid, or for 30 days thereafter as a penalty.

A. B. 285 (Lab. and Cap.)—

(By Ryan) provides semi-monthly paydays for public employees paid at a per diem rate.

S. B. 367. (Lab and Cap.)—

(By Flaherty) regulates factories employing females in regard to heating, lighting and sanitary accessories.

A. B. 76 (Lab. and Cap.)—

(By Mouser) amends Compensation Law by reducing waiting period which compensation is not payable from two weeks to one week.

A. B. 588 (Lab. and Cap.)—

(By Kylberg, Merced) amends Compensation Law by granting employee the option of choosing his own physician and surgical appliances to be paid for by employer.

S. B. 865 (Judiciary)—

(By Canepa) amends the Compensation Law by placing the matter of medical and surgical services and supplies entirely in the hands of the employee to select at expense of employer.

S. B. 151 (Judiciary)—

(By Shearer, Yreka) amends the Compensation Law by permitting the employee both to seek compensation under the Act and to bring suit for damages against employer on account of the same injury, which the present law expressly prohibits.

S. B. 652 (Insurance)—

(By Flaherty) would allow employee to choose his own doctor.

S. B. 784 (Insurance)—

(By Purkitt) taxes State Insurance Fund 2% on gross premiums.

A. B. 594 (Lab. and Cap.)—

(By Harris Bakersfield) limits hours of employment in occupations operating over 21 hours per day to 8 in 24 excluding meal times.

A. B. 726 (by Gelder), **S. B. 174** (by Lyon), (Lab. and Cap.)—

Provides for a straight 8-hour day, except in fruit and vegetable industry and graduate nurses.

S. B. 183 (Lab. and Cap.)—

(By McDonald) similar to S. B. 174, but does not exempt canneries.

S. B. 176 (Lab. and Cap.)—

(By Flaherty, S. F.) establishes 8-hour day for State employees.—Statutory limitations of this kind may be embarrassing and are unnecessary under prevailing conditions.

A. B. 927 (Lab. and Cap.)—

(By Brown Santa Clara) provides three hours for meals in every 24 without docking salary, for municipal employees who work more than 120 hours per calendar week.

A. B. 350 (Lab. and Cap.)—

(By Baldwin) limits working time of domestics to 10 hours per day and 60 hours per week, distributed, in case of females, to suit convenience of employer.—Such legislation is unnecessary, for domestics largely dictate their own terms in any event.

A. B. 661 (Pub. Utilities)—

(By Gebhardt, Sacramento) requires public utility corporations to furnish service letters on request to employees leaving service.

S. B. 182 (by McDonald, S. F.), **A. B. 662** (by Gebhardt, Sacramento) (Lab. and Cap.)—

Requires employer to pay costs of bonds and photographs when required of employees or applicants.

A. B. 807 (Lab. and Cap.)—

(By Satterwhite) permits employment of minors over 14 years old on authority of superintendent of schools that such minors have completed grammar school and are physically fit; also on affidavit of parents, foster parents or guardians that such minor is over 14 and that such action is the last recourse available for the maintenance of the family.

A. B. 1262 (Lab. and Cap.)—

(By Hewes, S. F.) prohibits employment of minors under 15 years old except by special permission of Labor Commissioner during school vacations; prohibits minors under 16 years old working at dangerous or injurious occupations, prohibits minors under 18 years old working over 8 hours per day; prohibits persons under 21 years old working as messengers in cities of 1st to 3rd classes between 9:00 p. m. and 6 a. m.; prohibits boys under 14 and girls under 18 from selling newspapers or other street occupation; prohibits sweat-shop work. It permits domestic and farm labor out of school hours and provides for physical examination of minors; all under the Labor Bureau.

A. B. 1240 (Prison and Ref.)—

(By Lyons L. A.) prohibits offering for sale prison-made wearing apparel unless same be marked.—Why should the prisoner be discriminated against.

A. B. 1250 (Judiciary)—

(By Watson, L. A.) prohibits cashing a check for wages in any retail liquor store.

S. B. 13 (Lab. and Cap.)—

(By McDonald, S. F.) prohibits employment of minors under 18 years old as drivers of freight or passenger vehicles.

S. B. 101 (Lab. and Cap.)—

(By Lyon) prohibits employment of boy under 14 and girl under 18 at any street or public occupation.

S. B. 434 (Lab. and Cap.)—

(By Lyon) provides large increase in deputies and assistants and increases of salary and general expense in office of Labor Commissioner.

S. B. 930 (Lab. and Cap.)—

(By Lyon) is another bill to similar effect.

S. B. 435 (Lab. and Cap.)—

(By Lyon) makes necessary to the validity of every contract for public work a provision for a weekly pay-day and prescribing a penalty of $10.00 for every day of delinquency in payment.—Laborers on public work are amply protected already. This method would only open up another source to the shyster lawyer.

S. B. 436 (Lab. and Cap.)—

(By Lyon) makes similar requirement as to an 8-hour day provision.

S. B. 438 (Lab. and Cap.)—

(By Lyon) prohibits employer from demanding or receiving as a condition of employment any gratuity or portion of any tips from an employee.

S. B. 439 (Lab. and Cap.)—

(By Lyon) regulates factories; requires 500 cubic feet air space for each employee, fresh air four times per hour, adequate heat without humidity, [illegible] appointment. [illegible] to be [illegible] of Industrial [illegible] and Housing.

S. B. 518 (Lab. and Cap.)—

(By Canepa) prohibits interference by any manufacturer or his agent with the business or social affairs of the employee outside the [illegible] employment.

S. B. 844 (Prison and Reform)—

(By McDonald) confines prison labor to limit of prison grounds. This would hinder modern prison reform.

S. B. 950 (Health and Quarantine)—

(By Scott) provides for licensing plumbers, both master and journeymen, under direction of the State Board of Health and an annual license fee of $2.00.—A proper reason for this measure is not apparent.

The foregoing is the result of your committee's work and is believed to be free from error in so far as it goes, but is not offered as complete nor conclusive. The success of democratic government is dependent on the individual intelligent interest of the people. Each class is inherently selfish in its interests, and each therefore needs to be on the lookout that another does not put something over to his disadvantage. In view of these plain facts it is important that every citizen act promptly, without personal or class prejudice, but emphatically, as his judgment dictates.

Every interested citizen is urged to write a personal letter to the committee to which these bills have been referred, to the Governor and to personal acquaintances among the legislators, requesting proper action on the important measures, accompanied by a copy of this report or by such special argument as may properly express the individual's views.

Respectfully submitted,
SPECIAL LEGISLATION COMMITTEE,
By E. T. Thurston Chairman.

VALLEJO, Cal.—A brick church, costing between $18,000 and $20,000, exclusive of furnishings, will be erected at once by the Methodists and will occupy the site of the present house of worship on Virginia street. All preliminary details have been settled and the successful financing of the undertaking seems assured.

VALLEJO, Cal. — Robert Fowler, noted aviator, was in Vallejo last week conferring with the Chamber of Commerce and Mayor James Roney regarding a site for an aeroplane factory which he is to establish on this coast to take the place of the one now operated by him on Long Island.

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ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $30,000. Architect, Henry Shermund, Mills Bldg., S. F. Owners, B. F. Meyer and B. Abram. Location, south California east 3rd avenue, covering an area of 50 by 96 feet. Will contain twelve apartments of four rooms and bath. Plans complete and figures taken under advisement.

SAN FRANCISCO—Apartment house alteration, 2 story, frame, $1,000. Architect, Arthur Ehrenpfort Russ Bldg., S. F. Owner, G. H. Wellrock. Location, 925 Fillmore street. Work will consist of raising the present building and rearranging upper floors and placing stores on first floor. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $40,000. Architect, Norman R. Coulter, 16 Kearny street, S. F. Owner's name withheld. Location, Western Addition. Will contain 10 suites of four and five rooms. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $12,000. Architect, Phillip Schwerdt, S. F. Owner, J. J. Delucchi, 14 Eugenia avenue, S. F. Location, east San Jose avenue north 26th street, covering an area of 32 by 86 feet. Will contain nine apartments of three rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 2 story and base, frame, $7,000. Architects, A. Bachigalup, and L. De Martini, 1731 Grant avenue, S. F. Owner, F. Traverso. Location, north Edgardo west Grant avenue. Will contain four apartments. Plans complete and figures being taken.

SAN FRANCISCO—Apartment houses, 2, 3 story and base. Class C construction, $20,000 each. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Gerard Investment Co. Location, east Hyde street south Post, covering an area of 25 by 56½ feet. Each will contain six apartments of three and four rooms. Plans complete and segregated figures being taken.

SAN FRANCISCO—Apartment house alteration, 2 story and base, frame, $5,500. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, B. Sieroty, 1852 Sacramento street, S. F. Location, 1850 Sacramento. Work will consist of interior and exterior alterations and will include plastering, painting, plumbing and electric work. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $50,000. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, R. J. Pavert. Location, northwest 15th and Brush Sts., covering an area of 90 by 103½ feet. Will contain 29 suites of three, four and five rooms. Plans complete and segregated figures being taken.

SEATTLE, WASH. — Apartment house, 3 story and base, brick and steel, $45,000. Architect, B. Dudley Stuart, Securities Bldg., Seattle. Owners, Anderson Investment Co. Location, 4th avenue and Vine street, covering an area of 50 by 108 feet. Will contain 35 suites of two and three rrooms. Plans being prepared.

SEATTLE, WASH. — Apartment house, 3 story and base, brick and steel, $100,000. Architect, B. Dudley Stuart, Securities Bldg., Seattle. Owners, Anderson Investment Co. Location, northeast Denny Way and 5th street, covering an area of 60 by 113 feet. Will contain 60 suites of two and three rooms. Plans complete and figures to be called for at once.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $25,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, B. W. Hartman. Location, Post and Octavia. Will contain twenty apartments of three and four rooms. Plans complete and bids to be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Frank S. Holland, Call-Post Bldg., S. F. Owner's name not given. Location, northeast Fillmore and Grove. Will contain stores on the fifirst floor and a number of two and three room suites above. Plans being revised.

OAKLAND, CAL.—Apartment house, 3 story and base, brick and steel, $75,000. Architect, M. I. Diggs, Syndicate Bldg., Oakland. Owners, United Home Builders, 1529 Broadway, Oakland. Location, west Oak north 14th. Will contain 90 rooms arranged in suites of two and three rooms. Plans complete and segregated figures being taken.

Contract Awarded.

MARYSVILLE, YUBA CO., CAL.—Apartment house and stores, 2 story and base, brick, $16,000. Architects, Milwain Bros., Albany Block, Oakland. Owners, Ewell, Moors & Aaron, Marysville. Contractor, I. C. Evans, Marysville. Contract price, $16,000.

BONDS.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—An election has been called for April 2nd to vote bonds as follows: $21,000 for the purchase of a sewer farm and making improvements to same and $10,000 for additions to the present sewer system.

DOUGLAS, ARIZ.—April 17th is the date set to vote bonds of $166,000 for the extension of the present sewer system. On the same date the voters will decide on the issuance of $10,000 in bonds for the paving of streets around the city park.

ALHAMBRA, CONTRA COSTA CO., CAL.—An election will be held in the Alhambra School District April 7th to vote bonds of $12,000 to provide for the construction of a new school building.

BURBANK, SANTA CLARA CO., CAL.—Bids for the purchase of the $10,000 issue of bonds of the Burbank School District are being taken by the County Clerk. The proceeds of the sale will finance the construction of a new school.

LOS ANGELES, CAL.—The Moreland Motor Truck Co. has secured a 25-acre tract at the outskirts of Burbank on which to erect a large manufacturing plant. The Moreland interests agree to expend not less than $200,000 on their projected plant and its equipment within a period of two years, and to have a $100,000 unit employing a minimum of 150 men, completed and in operation within a year.

SUNNYVALE, SANTA CLARA CO., CAL.—The proposition to bond the town for $12,000 to purchase a site and erect a new city hall was defeated at an election held last week.

ANDERSON, SHASTA CO., CAL.—The Anderson-Cottonwood Irrigation District has decided to call a bond election for $575,000 with which to complete work on the system now under construction.

SANTA ROSA, SONOMA CO., CAL.—The State Board of Control has purchased the $29,000 bond issue of the Cloverdale School District. Plans for the building have been prepared and bids will be called for shortly.

BRIDGES AND DAMS.

HOLLISTER, SAN BENITO CO., CAL.—Bridge surfacing. Cost not stated. Engineer, County Surveyor, Hollister. Owners, San Benito County. The San Benito County Supervisors have accepted the plans and specifications prepared by County Engineer W. A. Winn for surfacing the Bird Creek bridge over the San Benito River, the Tres Pinos Creek bridge over the Tres Pino Creek and the Pacheco Pass bridge over Pacheco Creek. The Clerk was instructed to advertise for bids to close April 2nd at 10 a. m. Plans and further information may be had from the County Clerk.

STOCKTON, SAN JOAQUIN CO., CAL.—Siphon, reinforced concrete, $4,059.92. Engineer, City Engineer, Stockton. Owners, City of Stockton. Plans have been approved by the City Council and bids will be called for immediately for placing a 20-inch iron siphon across the Smith Canal. Bids received for this work opened recently were rejected as being too high.

CHEHALIS, WASH.—Bridges, reinforced concrete. Cost not stated. Engineer, County Surveyor, Chehalis. Owners, Lewis County. Bids will be received by the Lewis County Commissioners, Bertha Gage, County Auditor, Chehalis, Wash., until April 2nd, for the construction of two bridges, one a 90-foot, reinforced concrete span over the Skookumchuck River near Centralia, and the other a 100-foot steel span on tubular piers near Forest, Wash. Plans may be had of County Engineer, J. D. Neville.

SAN FRANCISCO. Piers, docks, etc. Cost is follows. Engineer, Chief Engineer White, Ferry Bldg., S. F. owners, State of California. Three sets of bids were received at Thursday's meeting of the State Harbor Commission for furnishing and installing steel rolling doors on Pier No. 29. C. Jorgensen & Co., Crossley Bldg., S. F. presented the low bid at $11,925. The bids were taken under advisement for one week. The following is a complete list of the bids received: Kinnear Manufacturing Co., $12,287; U. S. Metal Products Co., $13,925; C. Jorgensen & Co., $11,925.

REDWOOD CITY, SAN MATEO CO., CAL.—Culvert, reinforced concrete. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The San Mateo County Supervisors at their last meeting returned all bids received for the construction of a concrete culvert on Cascade Creek in the Fifth Road District, as it was found that there was not sufficient money in the funds to cover the cost of the work. The bids were not opened.

RIO VISTA, SOLANO CO., CAL. Bridge, steel and reinforced concrete, $150,000. Engineers, Strauss Basculo Bridge Co., Chicago, Ill. Owners, Sacramento and Solano Counties. Word has been received here that plans and specifications for the proposed bridge across the Sacramento River at Rio Vista have received the approval of the War Department, which issued a permit for its construction. The structure is to be constructed jointly by Sacramento and Solano Counties. Plans provide for a structure of the basculo type.

CHURCHES.

SAN FRANCISCO—Church and parsonage, 2 story, reinforced concrete, $50,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, St. Edward's Parish. Location, California between Walnut and Laurel. Will contain main auditorium, Sunday school rooms and social rooms. Plans are being prepared.

VALLEJO, SOLANO CO., CAL. Church, 1 story and base, brick or reinforced concrete, $20,000. Architect, L. M. Turton, Napa. Owners, Vallejo Methodist Church. Location, Virginia street. Will contain auditorium, Sunday school rooms and social halls. Plans are being prepared.

COURT HOUSES.

STOCKTON, SAN JOAQUIN CO., CAL.—Court house alteration. Class C construction. Cost not stated. Architect, Franklin E. Warner, Stockton. Owners, San Joaquin County. Bids will be opened on April 3rd at 10 a. m. for converting the west entrance lobby of the San Joaquin County court house into a court room for the Justice of Peace of Stockton Township.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO — Warehouse, 1 story, frame, $6,000. Engineer, Edward L. Soule, Rialto Bldg., S. F. Owner, Edward L. Soule. Location, southwest Division and Potrero avenue, covering an area of 107 by 200 feet. Plans complete and work to be done by Day Labor.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL. Factory group. Construction not determined. Cost not stated. Architect not selected. Owners, Steiger Terra Cotta Works, Mills Bldg., S. F. Mr. Dennison, of the Steiger Terra Cotta Co., states that while the matter of rebuilding the plant recently destroyed by fire at South San Francisco has not been fully determined upon such a step is being considered. A number of large terra cotta contracts had been completed and were ready for shipment when the plant was destroyed. Mr. Dennison states that these contracts have been turned over to other companies and that the materials will be delivered as soon as possible. Definite announcement as to rebuilding the plant will be made within two weeks.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Factory addition, steel and corrugated iron. Cost not stated. Architect, none. Owners, Schaw-Batcher Co., 356 Market street, S. F. It has been announced that the Schaw-Batcher Co. would not rebuild its Sacramento plant destroyed by fire some time ago. Another building and perhaps two will be erected at the South San Francisco plant of the company which will care for the business formerly done at Sacramento. Construction will be of steel and corrugated iron.

STOCKTON, SAN JOAQUIN CO., CAL.—Factory, 2 story and base, brick, $30,000. Architect's name not given. Owners, Benham Ice Cream Co., H and Tuolumne streets, Fresno. Location, Oak and Aurora streets, covering an area of 60 by 120 feet. Plans complete and construction to be started at once.

REEDLEY, FRESNO CO., CAL.—Factory, 2 story and base, brick, $25,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, California Peach Growers' Association. Will cover an area of 140 by 90 feet. Plans complete and work being figured.

PORTLAND, ORE.—Factory, 3 story and base, reinforced concrete. Cost not stated. Architect, F. Manson White, Chamber of Commerce Bldg., Portland. Owners, Frei Pickle Works. Will cover an area of 75 by 140 feet. Plans complete and figures being taken.

SELAH, WASH.—Storage plant, 3 story and base, reinforced concrete. Cost not stated. Architect, J. C. Corbin, American Bank Bldg., Seattle. Owners, Selah Fruit and Cold Storage Co. Will cover an area of 100 by 120 feet. Plans complete and figures being taken.

FIRE HOUSES AND JAILS

SAN FRANCISCO — Fire house, 2 story and base. Class C construction. Cost not stated. Architects, Ward & Blohme, Alaska-Commercial Bldg., S. F. Owners, City and County of San Francisco. Location, 25th and Vermont streets. Plans complete and bids to be called for shortly.

STOCKTON, SAN JOAQUIN CO., CAL.—Jail alterations. Class C construction. Cost not stated. Architects, Sala & Mayo, Stockton. Owners, San Joaquin County. Bids will be opened on April 3rd at 10 a. m. for remodeling and making certain alterations in the San Joaquin County Jail.

FLATS.

SAN FRANCISCO. Flats, 3 story and base, frame, $5,000. Architect, [illegible]. Owners, Edwards & Lochead, [illegible] Hawk avenue, S. F. Location, [illegible] avenue, South Lake, covering an area of 25 by 65 feet. Will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO. Flats, 3 story and base, frame, $5,000. Architect, none. Owner, J. V. Campbell, 1040 Bryant street, S. F. Location, west [illegible] avenue north Clement street, covering an area of 25 by 60 feet. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO. Flats, 3 story and base, frame, $9,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Mrs. Sigrist. Location, north Washington street between Powell and Mason, covering an area of 22½ by 86½ feet. Will contain three six-room flats and basement garage. Plans are being prepared.

SACRAMENTO, CAL.—Flats, 2 story and base, frame, $3,000. Architect, none. Owner, Max Smith, 1116 4th street, Sacramento. Location, 2000 6th street. Will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

GARAGES.

REEDLEY, FRESNO CO., CAL.—Garage, 1 story and base, brick, $5,000. Architect, none. Owners, Marlar & Eymann, Reedley. Location, G street, covering an area of 50 by 100 feet. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Garage, 1 story and base, brick, $9,000. Architect, none. Owners, Harrison B. Wood Auto Sales Co. Location, 15th and Macdonald avenue, covering an area of 50 by 108 feet. Plans being prepared.

GOVERNMENT WORK & SUPPLIES.

Mare Island, Cal., Bucket Dredge.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for furnishing a bucket dredge at the navy yard, Mare Island, Cal.

Item 1, price for an electrically operated bucket dredge, complete; 2, price for installing on dredge pump, motor, and wiring; 3, price for installing on dredge cable reel and cable from switchboard to shore; 4, price for two large transformers; 5, price to be deducted from item 1 if the government furnishes towing facilities from the construction site to Mare Island navy yard; 6, for furnishing at Mare Island all machinery, ironwork, fittings, and castings covered by item 1, exclusive of drift bolts for hull, spikes for decking, and rough and finished hardware.

Butte Electric and Engineering Co., 683 Howard street, San Francisco, Cal., item 3, $1,234, 150 days; 5, $50, [illegible].

Stockton Iron Works, Stockton, Cal., item 1 alternate, $37,500, [illegible].

Reclamation Service, Dragline Excavators.

The U. S. reclamation service is asking for proposals for furnishing drag-

line excavation. Cost ... bid opened at the office of the U. S. ... mation service, Denver, Colo., on April 4, 1917, and full particulars will be furnished upon request to that office.

Fort Morgan, Colo., Post Office.

The contract for the construction, complete, of the U. S. post office at Fort Morgan, Colo., has been awarded to Noel Hogg, Sterling, Colo., at $41,-165; time, 17 months.

Reclamation Service, Canals.

The U. S. reclamation service is asking for proposals for the construction of canals and structures on the Sun River irrigation project, Montana, involving about 73,000 cubic yards of excavation, 180 cubic yards of reinforced concrete, the laying of 7,200 linear feet of concrete pipe, and the placing in wooden structures of about 70,000 feet, board measure, of lumber. The work is located about 30 miles northwest of Great Falls, Mont., between the towns of Polo, Sloan, and Cordova, on the Chocteau branch of the Great Northern Railway, and Fairfield and Ashuelot, on the Chocteau branch of the Chicago, Milwaukee & St. Paul Railway. Bids will be opened at the office of the U. S. reclamation service, at Fort Shaw, Mont., on March 29, 1917.

Reclamation Service, Laterals.

The U. S. reclamation service is asking for proposals for the construction of laterals on the Flathead irrigation project, Montana, involving about 285,-000 cubic yards of excavation. The work is in two divisions, one located from 18 to 25 miles north of Perma, Mont., and the other from 9 to 15 miles northeast of Dixon, Mont., both towns being stations on the Northern Pacific Railway. Bids will be opened at the office of the U. S. reclamation service, St. Ignatius, Mont., April 5, 1917.

Puget Sound, Building.

All bids received on February 26 at the Bureau of Yards and Docks, Navy Department, for the construction of a lavatory and locker building at the navy yard, Puget Sound, Washington, have been rejected. The work will be done by yard labor.

Salvage of U. S. S. Milwaukee.

The following bids were received on March 1 at the bureau of supplies and accounts, Navy Department, Washington, D. C., for salvaging the U. S. S. Milwaukee, now ashore at Humboldt Bay, Cal.:

Bid 1. Alfred Bannister, San Francisco, Cal., bid A, moving vessel so that examination of hull can be made, $150,000; bid B, if hull can be made strong and seaworthy so that vessel can be towed to San Francisco without preliminary actual reconstruction of parts of hull after temporary strengthening and repairs, delivery at Mare Island, $600,000; time for bid A, 80 days; bid B, 100 days; bid C, if found that hull cannot be temporarily strengthened and made seaworthy and if actual reconstruction is necessary vessel will be moved in direct a line as possible to the shore of Humboldt Bay; this contemplates moving hull 2,000 feet; cost $100,000; time, 160 days; bid D, this contemplates moving vessel from point last noted to point designated by Navy Department, where vessel will be aground at low water and be afloat or capable of floating free at high water as far as condition external to the hull itself are concerned; at this point immediate delivery of vessel to be accepted by the Navy Department, $300,000; time, 71 days; recapitulation of bids A and B, $750,000; A, C, and D, $550,000.

Bid 2. Continental Salvage Co., 120 Broadway, New York city, unit prices for equipment and material to salvage the Milwaukee as a whole and for delivery at Mare Island, prices per eight-hour day: Wreckmaster, $50; master mechanic, $20; master rigger, $20; master diver, $20; machinists, $8; blacksmiths, $8; riveters and chippers, $8; divers, $10; tenders, $5; riggers, $8; wreckers, $8; carpenters, $8; electricians, $9.50; oxy-acetylene cutters and welders, $8; compressors, engine, $10; pressure men, $10; foremen pressure men, $15; timekeeper, $5; steward, $6; first cooks, $4.50; second cooks, $3.-50; labor men, $3.50. Equipment as follows: Steam-driven air compressor, $65; oil-drive do, $75; boilers for above, $50; portable gas-driven air compressors, $15; portable Westinghouse do, $10; boilers for same, $25; double drum head hoisters and boilers, $35; single do, $25; double drumm oil-driven hoister, $45; single do, $35; steam-driven dynamo, $15; acetylene outfit and welder, $10; diving outfits, $10; divers' hand pumps, $5; steel plates, $15; air hose, 50-foot length, $1; air drills, $3; 6-inch pumps, $20; boilers, $25; 8-inch pumps, steam driven, $25; boiler, $25; 10-inch pumps, $30; boiler, $35; 12-inch pumps, $35; boiler, $40; 15-inch pumps, $60; boiler, $45; 6-inch oil-driven pumps, $15; 8-inch do, $30; 10-inch do, $50; 12-inch do, $60; 15-inch do, $90; large anchors, $25; submersible 25-ton pontoons, $1; do, 50-ton, $2.

Bid 3. Ellery, Frost & Coleman, 625 Market street, San Francisco, Cal., $600,000.

Bid 4. John H. Eisenhart & Son, San Francisco, $1,205,000.

Bid 5. Great Western Wrecking Co., San Francisco, Cal., $850,000; 6 mos.

Bid 6. Humboldt Dredging Co., Eureka, Cal., breakwater, 3.98c per ton, rock in place; dredging canal, $300,-000, 150 days; dredging canal to Humboldt Bay and delivering vessel in bay, $200,000; Humboldt Bay to Mare Island, $20,000; 60 days.

Bid 7. Harry M. Pitman, 110 Jessie street, San Francisco, Cal., $409,000, delivered at Mare Island.

Bid 8. R. T. Stone, Graystone Hotel, San Francisco, Cal., bid 1, stone breakwater, $763,000; bid 2, wooden breakwater, $650,000.

Bid 9. Stephen M. Smith, Buhl, Idaho, $950,000; 100 days.

Bid 10. W. T. Cleverdon, San Francisco, Cal., actual cost plus 12½ per cent commission.

Bid 11. Yankee Salvage Association, 24 State street, New York city, unit prices, as follows: All charters at cost plus 5 per cent; outside labors charged at cost plus 5 per cent; material purchased at cost plus 10 per cent; transportation of men and material at cost; men fed and lodged at cost while on wreck; material owned and supplied by contractor; tools, pipe, etc., 25 per cent of value; employers' liability insurance at cost; air compressors, steam driven, $65 per day; do, petrol driven, $75; air compressors, small, $15; steel plates, $15; air lock, $15; air hose, 50-foot length, $1; air drills, complete, $3; 6-inch pumps, steam driven, $20; 8-inch do, $25; 10-inch do, $30; 10-inch do, petrol driven, $35; 12-inch steam driven, $35; anchor and cable, $25; mooring anchor, $5; pontoons, 25-ton capacity, $1. Labor schedule, wreckers, $3.50; riggers, $4; rigger foreman, 8; pump engineer, $6 compressor engineer, $8; engineer foreman, $15; carpenter, $5; foreman, $10; ironworker, $5; foreman, $15; pressure man, $7; foreman, $10; superintendent, $20; assistant superintendent, $15; timekeeper, $3.50; diver, $25; wrecking master, $50; overtime double.

HALLS AND SOCIETY BUILDINGS.

SACRAMENTO, CAL.—Lodge hall, 4 story and base. Class A construction, $300,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Hall Association. Location, 12th and J streets. Bids opened for the general construction show the Mathews Construction Co., Sacramento, low at $174,877. A complete list of these bids will be found under the heading of Bids Opened in this issue.

PETALUMA, SONOMA CO., CAL.—Lodge hall repairs, 3 story and base. Class C construction, $10,000. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Petaluma Masonic Hall Association. Work will consist of repairs to fire damage on the first and second floors. Plans are being prepared.

HOSPITALS

CHICO, BUTTE CO., CAL.—Hospital, 2 story and base, reinforced concrete, $35,000. Architect, A. B. Bryan, Chico. Owners, Sisters Hospital. Will contain private rooms, wards, operating rooms and office. Plans are being prepared.

SALEM, ORE. — Hospital addition wing, 2 story and base, reinforced concrete, $50,000. Architect, Edgar M. Lazarus, Portland. Owners, State of Oregon. Will contain private rooms, wards and offices. Plans are being prepared.

HOTELS.

OAKLAND, CAL.—Hotel, 2 story and base, brick, $20,000. Architects, J. C. and M. L. Newsom, 1748 Broadway, Oakland. Owner's name withheld. Location, 7th and Franklin streets. Will contain three stores and 24 rooms. Plans are being prepared.

SEATTLE, WASH.—Hotel, 3 story and base, brick, $150,000. Architects, Heath & Gove, National Realty Bldg., Seattle. Owner, Charles Murray. Location, shore of Lake Steilaccon. Will contain 200 rooms. Preliminary plans are being prepared.

IRRIGATION PROJECTS.

STOCKTON, SAN JOAQUIN CO., CAL.—Irrigation pipe. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. At the last meeting of the San Joaquin County Supervisors the purchasing agent was authorized to buy 6,200 feet of concrete irrigating pipe for additional acreage at the county hispital.

LIBRARIES.

SAN FRANCISCO—Library, 1 story and base, reinforced concrete. Cost not stated. Architects, Milwain Bros., Hearst Bldg., S. F. Owners, City and County of San Francisco. Location, southwest Octavia and Green. Will contain two reading rooms, office and stack rooms. Plans complete and figures being taken. Bids to be opened on March 21st.

POWER PLANTS.

HANFORD, KINGS CO., CAL.—Water mains. Cost not stated. Engineer, City Engineer, Hanford. Owners, City of Hanford. On recommendation of City Engineer Edward N. Lynch, the City Trustees will shortly issue a call for bids for furnishing pipe to be used in connection with the improvements to the fire main system. It was agreed that Class C pipe should be adopted for the mains in Redington, Irwin, Harris and Douty streets. This type is capable of withstanding a pressure of 130 pounds under normal circumstances and is strong enough to withstand 150 pound pressure in emergency.

RAILROAD CONSTRUCTION AND EQUIPMENT

SAN FRANCISCO—Municipal railroad extension, $74,431.30. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. The Western Motor Draying Co., presented the lowest figure for the Church street extension and will probably be awarded the contract. A complete list of bids will be found under the heading of Bids Opened in this issue.

RESIDENCES.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, $2,000 each. Architect, none. Owner, Mrs. Michael Costello, 202 San Carlos avenue, S. F. Location, southeast Arlington and Miguel. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $7,500. Architect, Norman R. Coulter, 46 Kearny street, S. F. Owner's name not given. Location, Vallejo near Scott. Will contain seven rooms, two baths and basement garage. Plans being prepared.

SAN FRANCISCO—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, W. F. St. Ores, 456 25th avenue, S. F. Location, east Ashton north Holloway. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owner, A. T. Anderson, 3625 Brookdale avenue, Oakland. Location, south Brookdale west Short. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owners, Broadhead and Wishart, 864 57th street, Oakland. Location, north 42nd street west Market. Will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

PALO ALTO, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, $25,000. Architects, J. E. Krafft & Sons, Phelan Bldg., S. F. Owner, Mrs. Howard. Location, University Campus. Will contain twelve rooms, four baths and conservatory. Separate garage. Plans complete and figures being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. F. Brooks. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

OAKLAND, CAL.—Residence 1 story and base, frame, $2,000. Architect, none. Owner, E. H. Adams, 2126 24th avenue, Oakland. Location, 23rd avenue south East 29th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $3,500. Architect, none. Owner, I. Ariel Kellogg, 1416 Grand avenue, Oakland. Location, west Manila south 42nd street. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

ALBANY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, G. B. Hollenbeck, 5444 Wadean Place, Oakland. Location, east Santa Fe avenue south Solano. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owners, Herbert F. Kern, 938 San Benito Road Berkeley. Location, north Shattuck avenue east Indian Rock. Will contain six rooms, bath and sleeping porch. Separte garage. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $12,000. Architect, Washington J. Miller, 417 Market street, S. F. Owner, Dr. Roscoe. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans are being preparred.

SAN FRANCISCO—Residence, 1 story and base, frame, $4,000. Architect, John A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, Urbano Drive. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect, none. Owner, J. Fletcher, 1104 Ellis street, S. F. Location, north Cabrillo east 16th avenue. Will contain, six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, L. M. Austin, 907 Pardee avenue, Berkeley. Location, north Bond east 50th avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $5,500. Architect, Frederick Soderberg, First National Bank Bldg., Oakland. Owner, Mrs. [illegible] Location Lake [illegible] Will contain seven rooms [illegible] and sleeping porches [illegible] Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residences, 3, 1 story and base, frame. Cost not stated. Architect, none. Owner, Pacific Home Builder. Location, Palm Villa Tract. Each house will contain six rooms, bath and sleeping porch. Plans are being prepared.

SCHOOLS.

FRESNO, FRESNO CO., CAL.—School auditorium, 1 story, brick. Cost not stated. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. Location, B and Mono streets. Plans complete and figures to be opened on March 30th.

PLACERVILLE, EL DORADO CO., CAL.—Schools, 1 and 2 story, frame and hollow tile, $30,000. Architect, N. W. Sexton, Merchants' National Bank Bldg., S. F. Owners, Town of Placerville. E. E. Etherton, S. F., submitted the lowest bid for this work at $37,800. A contract will probably be awarded. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

SEWERS, STREET WORK & WATER SYSTEMS.

SACRAMENTO, CAL.—Road improvement. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. County Surveyor Drury Butler presented plans and specifications for improvements of the Winding Way road, which covers a distance of 1.2 miles. Bids will be asked for the work and it will be started as soon as the rainy season passes.

STOCKTON, SAN JOAQUIN CO., CAL.—Outfall sewers. Cost as follows. Engineer, City Engineer, Stockton. Owners, City of Stockton. At a cost of about $56,621.99 big outfall sewers are to be laid by the city. Plans and specifications were introduced in the City Council for the work at their last session. They provide for 13,020 feet of 36-inch redwood stave sewer pipe and 4,614 feet of vitrified sewer pipe. There will be an outfall sewer extending to the river from the north side of the city and one from the south side. Three and a half miles of sewer pipe will be laid in this work. Bids will be called for shortly.

STOCKTON, SAN JOAQUIN CO., CAL.—Highway construction. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Bids will be opened on April 3rd at 10 a. m. for improvement work on the Farmington road from its intersection with the Mariposa road east to the Santa Fe Railroad crossing, a distance of approximately 3,412 feet.

FRESNO, FRESNO CO., CAL.—Storm water sewers. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be opened on April 2nd at 5 p. m. for the construction of a storm sewer system in the city of Fresno, excepting that portion of said sewer between the northeast line of Van Ness avenue and the intersection of the center line of Inyo street with the center line of L street, and from said intersection of the center line of Inyo street with the [illegible] line of L street, to the northwest line of Inyo street, together with the manhole situate at the said [illegible]

and curbs, 150 x 4 feet and for furnishing the lime and materials therefor.

LEMOORE, KINGS CO., CAL.—Electrolier system. Cost not stated. Engineer, City Engineer, Lemoore. Owners, City of Lemoore. The City Trustees are considering the installation of an electrolier system. It is planned to have the system run the full length of D street, which will include that portion of the Sierra-to-the-Sea highway within the Lemoore city limits.

MERCED, MERCED CO., CAL.—Street paving, etc. Cost not stated. Engineer, City Engineer, Merced. Owners, City of Merced. The City Trustees have ordered bids for paving work to be called, the same to close on April 2nd at 8 p. m. The streets and alleys to be paved are as follows: Streets—O, from 16th to 22nd; Alameda or K, from 19th to 24th; J, from 19th to 21st; 22nd, from M to O. Alleys—16th, 17th, and 18th, from J to O; 19th, from K to O; 20th from I to O; 21st, from G to O; 22nd, from K to N. Plans and further information may be had from the City Clerk.

DOUGLAS, ARIZ.—Street paving. Cost as follows. Engineer, City Engineer, Douglas. Owners, City of Douglas. The S. C. Contracting Co., Washington Bldg., Los Angeles, was the lowest bidder at a total of about $320,000 for paving five streets under the State bond act. The bid was on Topeka wearing surface. The aggregate of the five contracts is about 140,000 square yards. Other bids were: Roger Bros., Los Angeles, $390,000; Warren Bros., Los Angeles (Warrenite pavement), $430,000; O. & C. Construction Co., $450,000. Bids were taken under advisement.

FULLERTON, ORANGE CO., CAL.—Road grader. Cost not stated. Engineer, City Engineer, Fullerton. Owners, City of Fullerton. Bids will be received by the City Clerk up to 5 p. m. of March 27, 1917, for furnishing a heavy road grader. Bidders must submit specifications. Certified check for 10 per cent required. F. C. Hezmalhalch is the City Clerk.

BAKERSFIELD, KERN CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. At the last meeting of the City Council, the City Clerk was instructed to advertise for bids on the work of paving 20th street, from Cedar to Myrtle. These bids will be opened at the meeting of the Council to be held March 26th.

Contract Awarded.

MODESTO, STANISLAUS CO., CAL.—Highway work, etc. Cost as follows. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contracts for highway construction, reinforced concrete bridges and inverted siphons totaling $522,802 were awarded by the Board of Supervisors under bids opened at the March 13th meeting. Following is a complete list of the awards made:

Glendora Road (7.483 miles)—Awarded to McGillivray Construction Co., Capitol National Bank Bldg., Sacramento, proposition 1, $1.30; 2, $66,935; 3, 60c.

Oakdale, Oakdale-Thalheim and Oakdale-Waterford Roads (7.009 miles)—Awarded to Bent Bros., Central Bldg., Los Angeles, proposition 1, $1.40; 2, $1.10; 3, $71,850; 4, 75c.

Waterford Road, Section B (7.771 miles)—Awarded to White & Gaskill, Long Beach, proposition 1, $1.50; 2, $73,000; 3, 18c.

Newman-Westle Road, Section A (9.164 miles) Awarded to Mesmer-Rice Co., Marsh-Strong Bldg., Los Angeles, proposition 1, $1.75; 2, $2.00; 3, $3.00; 4, $91,100; 5, $1.25; 6, 50c.

Crows Landing and Grayson Road (9.111 miles) Awarded to Bates-Borland & Ayer, Oakland Bank of Savings, Oakland, proposition 1, $1.50; 2, $1.50; 3, $188,617; 4, 10c; 5, 60c.

Denair and Irwin City Road (2.208 miles)—Bids continued until Wednesday, March 14th at 10 a. m.

Sixteen Inverted Siphons—Awarded to Louis W. Larson, Turlock, proposition 1, $1,320; 2, $1,980; 3, $660; 4, $1,320.

Three Flat Slab Bridges—Awarded to C. E. Cotton, 16 California street, San Francisco, proposition 1, $1,325; 2, $1,358; 3, $2,390.

Littlejohn Bridge—Reinforced concrete bridge over Littlejohn Creek continued.

OAKLAND, CAL.—Strreet improvements. Cost as follows. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Commissioners have awarded street contracts as follows: T. B. Ransome, 28th and Poplar streets, Oakland:

That the south half of First street, from the east line of Broadway to a line drawn at right angles to the south line of First street, at a point distant thereon 100 feet east from the east line of Broadway be graded, guttered with a brick gutter 14 inches wide, and paved with asphalt, and the existing granite curb thereon be reset to line and grade. Cost: per square foot of grading, 3c; per linear foot of granite curb to be reset, 45c; per square foot of brick gutter, 48c; per square foot of asphalt pavement, 20c.

To Hutchinson Co. 13th and Franklin streets, Oakland.: That Hearst avenue, from Lincoln avenue to Laguna, be graded, curbed with redwood, guttered with concrete gutters three feet wide, paved with oil macadam and sidewalked with cement sidewalks five feet wide. Cost: Per cubic yard of excavation 35c; per linear foot of redwood curbing, 11c; per square foot concrete gutter, 14c; per square foot oil macadam pavement, 7.5c; per square foot cement sidewalk, 9.5c.

BAKERSFIELD, KERN CO., CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids for paving the alley in block 423-D, between Truxtun avenue and 17th street, between C and D streets, have been opened by the City Council, and the bid of Thompson Bros., 1512 H street, Fresno, was accepted. The contract was awarded at a rate of 14.5c per square foot for grading and paving; 17.5c per square foot for concrete gutter, and 35c per linear foot for 14-inch concrete curb.

SANGER, FRESNO CO., CAL.—Street improvement. Cost as follows. Engineer, City Engineer, Sanger. Owners, City of Sanger. Kauffield & Tompkins were the successful bidders for the improvement of 10 blocks of streets in Sanger. The price was 3 cents per square foot for the grading, oiling and laying of the sidewalk approaches, and 32 cents per linear foot for the curbing.

OAKLAND, CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Council has awarded a contract to J. Catucci, 1230 18th avenue, Oakland, for the following street improvement: That a sewer, having an internal diameter of 8 inches, be constructed on Flemming avenue, near Courtland avenue; also two brick manholes, a lamphole with top of brick and cast iron, and Y branches having 5-inch openings. The aforesaid sewer, Y branches and lamphole (excepting the top thereof) shall be constructed of vitrified sewer pipe. Cost: Per linear foot of 8-inch sewer 59c; per manhole, $39.50; per lamphole, $9.00, per Y branch, 20c.

STORES AND OFFICES.

SAN FRANCISCO.—Stores and offices, 3 story and base. Class C constrruction, $22,500. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owner, J. B. Farish. Location, south O'Farrell east Mason, covering an area of 25 by 87½ feet. Will contain stores on the first floor and theatrical offices above. Plans complete and figures to be called for at once.

SAN FRANCISCO—Stores and lofts, 2 story and base. Class C construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Panama Realty Co. Location, Eighth and Mission streets. Will contain several small stores on the first floor and lofts above. Plans are being prepared.

SAN FRANCISCO—Market, 1 story and base, reinforced concrete, $7,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owners, Lackman Grocery Co. Location, southwest Sixth avenue and Balboa street, covering an area of 25 by 90 feet. Will contain a large and up-to-date market. Plans complete and figures being taken.

SAN FRANCISCO—Offices, 12 story and base. Class A construction. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Matson Navigation Co. Architect James Reid, of Reid Bros., states that bids for the 12-story and basement Class A office building to be erected at the corner of Market and Main streets, will not be figured for at least two months. A steel contrract will be awarded first and then segregated figures will be taken on other parts of the work.

OAKLAND, CAL.—Stores, 1 story and base, brick, $1,100. Architect, none. Owner, William J. Kelly, 2028 Clinton avenne, Alameda. Location, northwest Sixth and Clay street. Will contain one small store. Plans complete and work to be done by Day Labor.

SOUTH VALLEJO, SOLANO CO., CAL.—Office, 2 story, reinforced concrete. Cost not stated. Engineer, Maurice Couchot, 110 Sutter street, S. F. Owners, Sperry Flour Co. Will cover an area of 140 by 186 feet. Plans complete and figures being taken.

FRESNO, FRESNO CO., CAL.—Newspaper plant, 2 story and base, brick. Cost not stated. Architect's name not given. Owners, Estate of Louis Einstein, leased to Fresno Herald. Location, northwest L and Inyo streets, covering an area of 100 by 60 feet. Plans are being prepared.

SALEM, ORE. Store and lofts, 2 story and base, brick, $20,000. Architect, George M. Post, Salem. Owner, Mr. Steusloff. Will cover an area of 55 by 90 feet and contain one store and lofts. Plans are being prepared.

SPOKANE, WASH. — Newspaper plant and offices, 6 story and base. Class A construction, $250,000. Architect, K. K. Cutter, Spokane. Owners, Spokane Spokesman-Review. Will cover an area of 90 by 100 feet. Complete steel frame. Plans are being prepared.

SAN FRANCISCO— Stores and lofts, 3 story and base. Class C construction, $35,000. Architect, Edward G. Bolles, 660 Market street, S. F. Owner's name not given. Location, Second and Harrison streets. Will contain two stores and light lofts. Plans complete and figures being taken.

PETALUMA, SONOMA CO., CAL.— Store addition, 1 story, brick. Cost not stated. Architect, Brainard Jones, Petaluma. Owner, G. P. McLear. Location, east Third street between B and C, covering an area of 60 by 120 feet. Plans are being prepared.

SANGER, FRESNO CO., CAL.—Bank and store, 1 story and base, brick, $20,000. Architect, Charles H. Franklin, Fresno. Owners, Cob'ent Bros. Will cover an area of 100 by 100 feet. Plans are being prepared.

Contract Awarded.

SPOKANE, WASH. — Department store, 4 story and base. Class A construction, $400,000. Architect, L. L. Rand, Spokane. Owners, Crescent Department Store Co. Contractors, Porter Bros., Spokane. Contract price, $400,000.

LOS ANGELES, CAL.—Stores and lofts, 4 story and base. Class A construction, $300,000. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owners, Seventh Street Development Co. Contractors, J. C. Kubach Co., Merchants' National Bank Bldg., L. A. Contract price, $300,000.

THEATRES.

FRESNO, FRESNO CO., CAL.—Theatre, 3 story and base, steel and concrete, $125,000. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Einstein Investment Co. Location, Van Ness avenue near Rowell Bldg., covering an area of 75 by 150 feet. Will have a seating capacity of 2,000 people. Plans are being prepared.

SPOKANE, WASH.—Theatre, 2 story and base. Class A construction, $100,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex Pantages. Will have a seating capacity of 1,800 people. Preliminary plans are being prepared.

SEALED PROPOSALS.

PROPOSALS FOR INDIAN SUPPLIES.

INDIAN SUPPLIES—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Indian Supplies" and addressed to the commissioner of Indian Affairs, No. 508 Howard street, San Francisco, Cal., will be received until **1 o'clock p. m. of Monday, April 2, 1917,** and then opened, for furnishing the Indian Service with groceries, furniture, paints, oils, harness, leather, agricultural implements, stoves, tinware, hardware, glassware, etc. Schedules giving all necessary information for bidders will be furnished upon application to the Indian Office, Washington, D. C., and the U. S. Indian warehouses at Chicago, St. Louis and San Francisco. The department reserves the right to reject any and all bids or any part of any bid. CATO SELLS, commissioner.

PROPOSALS FOR EXCAVATING.

EXCAVATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C. Sealed proposals will be received at the office of the United States Reclamation Service, St Ignatius, Mont., until **2 o'clock p. m. April 5, 1917,** and will then be opened, for the construction of laterals on the Flathead project, Montana, involving about 285,000 cubic yards of excavation. The work is in two divisions, one located from 18 to 25 miles north of Perma, Mont., and the other from 9 to 15 miles northeast of Dixon, Mont., both towns being stations on the Northern Pacific Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or St. Ignatius, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals for the construction of canals and structures on the Sun River project, Montana, involving about 71,000 cubic yards of excavation, 480 cubic yards of reinforced concrete, the laying of 3,300 linear feet of concrete pipe and the placing in wooden structures of about 70,000 feet, b. m., of lumber will be received at the office of the United States Reclamation Service at Fort Shaw, Mont., until **2 o'clock p. m. March 29, 1917,** and will at that hour be opened. The work is situated about 30 miles northwest of Great Falls, Mont., between the towns of Bole, Sloan and Cordova on the Choteau branch of the G. N. Railway and Fairfield and Ashuelet on the Choteau branch of the C. M. & St. P. Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 9, 1917.—SEALED PROPOSALS will be opened in this office **at 3 P. M., April 20, 1917,** for the construction of the United States Post Office and Courthouse at Las Cruces, New Mexico. Drawings and specifications may be obtained from the custodian of the site at Las Cruces, New Mexico, or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect. (*)

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. — SEALED PROPOSALS, in triplicate, for improvements to Water Supply System, Presidio of San Francisco, will be received here **until 11 A. M., April 7, 1317,** and then opened. Further information on application. (*)

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Sealed proposals indorsed "Proposals for Magazine Buildings, Puget Sound," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 26, 1917,** and then and there publicly opened, for one guardhouse built entirely of wood frame construction, with plastered interior walls and ceilings, and plumbing, heating and lighting system, two filling houses of wood frame construction and having the exterior surfaces covered with galvanized corrugated steel and a brick extension to building No. 18 at the naval magazine, Puget Sound, Wash. Drawings and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. F. R. HARRIS, chief of bureau.

WASHINGTON, Yolo Co., Cal.—The people of this town are elated over the information given out at a meeting of the Improvement Club that surveys have been ordered by the P[illegible] & Electric Company to place [illegible] throughout the community.

It is expected that the company will have to lay a main under the Sacramento River to a point in back of the levee on this side.

LEWISTON, Trinity Co., Cal.—The Trinity Star Dredging Company which has acquired the Paulsen Ranch and other land adjoining for dredging purposes, has let to Patrick Ryan of Patrick Ryan of Weaverville the contract for sawing the lumber for building the first dredger of Weaverville. The first contract calls for 200,000 feet of lumber.

OROVILLE, Butte Co., Cal.—Announcement is made here that the United States Exploration Company will construct a big mill and power plant at its mine in Granite Basin this Summer.

It is reported the miners struck a rich vein of quartz at a depth of 300 feet.

STIRLING CITY, Butte Co., Cal.—F. M. Thatcher and associates are busily engaged in making preparations to start logging and begin the cutting of timber at an early date. A large crew of men is on the ground waiting to go to work on the property of the Diamond Match Company at Stirling.

WILLOWS, Glenn Co., Cal.—Willows will have its new postoffiec building by May of next year, according to a letter received by Postmaster I. J. Proulx. The letter is a copy of that sent to the contractors, Welch Bros. & Hannaman of Kalispel, Mont., from the post office department. The contractors are allowed fourteen months to complete the building from the date of their acceptance of the contract.

CLOVERDALE, Cal.—The State Board of Control was the successful bidder for the $29,000 bond issue for the Cloverdale grammar school. The Board of Supervisors, after taking into consideration all bids received, fourteen in number, awarded the sale of the bonds to the state board at par, and a premium of $2,221.40. This bid was but $46 greater than that offered by the Santa Rosa Union Savings Bank, whose bid was $2.172.50 above par.

KLAMATH FALLS, Ore.—At the special meeting of the City Council a resolution was unanimously adopted accepting the bid of J. W. Siemens, President of the First State and Savings Bank of this city, of par and accrued interest, for the six municipal railway warrants for $50,000 each, the issuance of which was authorized recently by the final passage of the ordinance introduced and passed to its third reading on March 5th.

An ordinance providing for the issuance of $300,000 worth of funding bonds to take up the six warrants was also introduced and passed to its third reading. It will probably be finally passed at the regular meeting of the Council next Monday night. The sale of these bonds will enable the city to contract for the actual construction of the Klamath Falls municipal railway, extending twenty miles east to Dairy Station.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, $12,000. San Francisco. Architect, Phillip Schwerdt, S. F. Owner, J. J. Deluech, 1c Eugenia avenue. S. Location, east San Jose avenue north 26th street, covering an area of 32 by 86 feet. Will contain nine apartments of three rooms each. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $10,000. San Francisco. Architect, Norman R. Coulter, 46 Kearny street, S. F. Owner's name withheld. Location, Western Addition. Will contain ten suites of four and five rooms. Plans are being prepared.

APARTMENT HOUSE ALTERATION—2 story, frame $4,000. San Francisco. Architect, Arthur Ehrenpfort, Russ Bldg., S. F. Owner, G. H. Wellrock. Location, 925 Fillmore street. Work will consist of raising the present building and rearranging upper floors and placing stores on the first floor. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, $30,000. San Francisco. Architect, Henry Shermund, Mills Bldg., S. F. Owners, B. F. Meyer and B. Abram. Location, south California east 3rd avenue, covering an area of 50 by 96 feet. Will contain twelve apartments of four rooms and bath. Plans complete and figures taken under advisement.

APARTMENT HOUSE ALTERATION—2 story and base, frame, $5,500. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, B. Sieroty, 1852 Sacramento street, S. F. Location, 1850 Sacramento. Work will consist of interior and exterior alterations, and will include plastering, painting, plumbing and electric work. Plans complete and work to be done by Day Labor

APARTMENT HOUSES—2, 3 story and base. Class C construction, $20,000 each. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter St., S. F. Owners, Gerard Investment Co. Location, east Hyde street south Post, covering an area of 25 by 56½ feet. Each will contain six apartments of three and four rooms. Plans complete and segregated figures being taken.

APARTMENT HOUSE—2 story and base, frame, $7,000. San Frrancisco. Architects, A. Bachigalupi and L. De Martini 1731 Grant avenue, S. F. Owner, F. Traverso. Location, north Edgardo west Grant avenue. Will contain four apartments. Plans complete and figures being taken.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, none. Owner, J. V. Campbell, 1040 Bryant street S. F. Location, west 19th avenue north Clement street, covering an area of 25 by 60 feet. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, none. Owners, Edwards and Jacobson, 32 Mohawk avenue, S. F. Location, east 16th avenue south Lake, covering an area of 25 by 65 feet. Will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. San Francisco. Architect, none.. Owner, W. F. St. Ives, 456 25th avenue, S. F. Location, east Ashton north Holloway. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame $7,500. San Francisco. Architect, Norman R. Coulter, 46 Kearny street, S. F. Owner's name not given. Location, Vallejo near Scott. Will contain seven rooms, two baths and basement garage. Plans being prepared.

RESIDENCES—3, 2 story and base, frame, $2,000 each. San Francisco. Architect, none. Owner, Mrs. Michael Costello, 202 San Carlos avenue, S. F. Location, southeast Arlington and Miguel. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

FLATS—3 story and base, frame, $9,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Mrs. Sigrist. Location, north Washington street between Powell and Mason, covering an area of 22½ by 86½ feet. Will contain three six-room flats and basement garage. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Frrank S. Holland, Call-Post Bldg., S. F. Owner's name not given. Location, northeast Fillmore and Grove Will contain stores on the first floor and a number of two and three room suites above. Plans being revised.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architect Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, B W. Hartman. Location, Post and Octavia. Will contain twenty apartments of three and four rooms. Plans complete and bids to be called for shortly.

STORES AND OFFICES—3 story and base. Class C construction, $22,500. San Francisco. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owner, J. B. Farish. Location, south O'Farrell east Mason, covering an area of 25 by 87½ feet. Will contain stores on the first floor and theatrical offices above. Plans complete and figures to be called for at once.

OFFICES—12 story and base. Class A construction. Cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Matson Navigation Co. Architect James Reid, of Reid Bros., states that bids for the 12-story and basement Class A office building to be erected at the corner of Market and Main streets will not be figured for at least two months. A steel contract will be awarded first and then segregated figures will be taken on other parts of the work.

MARKET—1 story and base, reinforced concrete, $7,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owners, Lackman Grocery Co. Location, southwest Sixth avenue and Balboa street, covering an area of 25 by 90 feet. Will contain a large and up-to-date market. Plans complete and figures being taken.

STORES AND LOFTS—2 story and base. Class C construction. Cost not stated. San Francisco. Architect Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Panama Realty Co. Location, 8th and Mission streets. Will contain several small stores on the first floor and lofts above. Plans are being prepared.

WAREHOUSE—1 story, frame, $6,000. San Francisco. Engineer, Edward L. Soule. Rialto Bldg., S. F. Owner Edward L. Soule. Location, southwest Division and Potrero avenue, covering an area of 107 by 200 feet. Plans complete and work to be done by Day Labor.

PIER DOORS, ETC.—Cost as follows. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Three sets of bids were received at Thursday's meeting of the State Harbor Commission for furnishing and installing steel rolling doors on Pier No. 29. C. Jorgensen & Co., Crossley Bldg., S. F., presented the low bid at $11,925. The bids were taken under advisement for one week. The following is a complete list of the bids received: Kinnear Manufacturing Co., $12,287; U. S. Metal Products Co., $13,925; C. Jorgensen & Co., $11,925.

FIRE HOUSE—2 story and base. Class C construction. Cost not stated. San Francisco. Architects, Ward & Blohme, Alaska-Commercial Bldg., S. F. Owners, City and County of San Francisco. Location, 25th and Vermont streets. Plans complete and bids to be called for shortly.

CHURCH AND PARSONAGE — 2 story, reinforced concrete, $50,000. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, St. Edward's Parish. Location, California between Walnut and Laurel. Will contain main auditorium, Sunday school rooms and social rooms. Plans are being prepared.

LIBRARY—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Milwain Bros., Hearst Bldg., S. F. Owners, City and County of San Francisco. Location, southwest Octavia and Green. Will contain two reading rooms, office and stack rooms. Plans complete and figures being taken. Bids to be opened on March 21st.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect, none. Owner, J. Fletcher. 1104 Ellis street, S. F. Location, north Cabrillo east 16th avenue. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE 1 story and base frame, $4,000. San Francisco Architect, John A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, Urbano Drive. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

MUNICIPAL RAILROAD EXTENSION - $74,431.30. San Francisco Engineer, City Engineer, S. F. Owners, City and County of San Francisco The Western Motor Drayage Co. presented the lowest figure for the Church street extension and will probably be awarded the contract. A complete list of bids will be found under the heading of Bids Opened in this issue.

STORES AND LOFTS 3 story and base. Class C construction, $35,000 San Francisco. Architect, Edward G Bolles, 660 Market street, S. F Owner's name not given. Location, Second and Harrison streets. Will contain two stores and light lofts. Plans complete and figures being taken.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor.	Amt.
682	City & Co of S F	G G Iron	6830
683	Same	Mutual Elec	6000
684	Same	Carlson	84355
685	Same	O'Mara	7988
686	Same	Lawson	10889
687	Same	Coleman	15162
688	Same	Heckenroth	2495
689	Same	Lettich	3137
690	Jullich	Jullich	1000
691	Howard	Howard	850
692	Orange Blossom	Collupy	400
693	Dannenbaum	Johnson	750
694	St. Ores	St. Ores	2000
695	L'Italia	Del Favero	3725
696	Paiva	Sandberg	2500
697	Roberts	McBarnes	2160
698	Kuner	Filippis	17800
699	Delpech	Ernst	915
700	Same	Wengard	6978
701	Hooper	Collman	14915
702	Frankenstein	Ludwig	4000
703	Payne	Kirby	1625
704	Y M H A	Scott	3815
705	Howard	Schroder	9647
706	Sieroty	Sieroty	5500
707	Faubert	Faubert	2000
708	McDonough	Costello	1900
709	Same	Same	1900
710	Costello	Costello	2000
711	Costello	Costello	2000
712	Costello	Costelli	2000
713	Clausen	Biestel	1000
714	Sunset Rlty	McCarthy	400
715	Michlein	Britt	500
716	Dale	Brumfield	400
717	West Invst	West Invst	600
718	Burns	Klein	1000
719	Clyno	Dowling	165
720	Noonan	Reid	400
721	Barton	Barton	1800
722	Hind	Jones	2000
723	Robinson	Nelson	2000
724	Dean	Trounson	1000
725	Walther	Nelson	4500
726	Wheeler	Brandon	8750
727	McCarthy	Lamburth	1487
728	Cal Pckg.	Lynch	5487
729	Same	Coleman	3657
730	Kuner	Scott	13[illegible]
731	Levi	Hansen	27[illegible]
732	Livingston	Barrett	10983
733	Same	Kohlwey	567
734	Meyerfeld	Kohlwey	2[illegible]
735	Stark	Casty	3765
736	Norman	Olson	4[illegible]
737	Same	Skelly	1[illegible]
738	Pac Co Syrup	Soule	1000
739	Bergerot	Bergerot	900
740	Ehrenpfort	Ehrenpfort	950
741	Zeller	Ross	900
742	Lawson	Taylor	500
743	Dahla	Dahla	1250
744	Baldwin	Baldwin	400
745	Fletcher	Fletcher	2000
746	Urban	Urban	4000
747	Hooper	Pinkerton	2094
748	Pond	Allyn	4[illegible]
749	St. Francis Hsptl	Ward	93900
750	Klotz	Knight	1125

CLASS "A" SCHOOL.

(682) CHENERY AND FAIRMONT Steel work for two and three-story Class "A" school to be known as the Fairmont School.

Owner.....City & County of San Francisco.

Architect ...John Reid Jr., 1st National Bank Bldg., S. F.

Contractor..Golden Gate Iron Works, 1541 Howard, S. F.

COST, $6830

(683) ELECTRICAL WORK ON above.

Contractor..Mutual Electric Co., 10 San Carlos Ave., San Francisco.

COST, $6000

(684) GENERAL CONSTRUCTION ON above.

Contractor..Elmer Carlson, 209 Prospect, San Francisco.

COST, $84,355

(685) HEATING AND VENTILATING on above.

Contractor..J. E. O'Mara, 445 Minna, San Francisco.

COST, $7988

(686) BRICK AND HOLLOW TILE ON above.

Owner.....A. W. Lawson, 185 Stevenson, San Francisco.

COST, $10,889

(687) PLUMBING ON ABOVE.

Contractor..Alex Coleman, 706 Ellis, San Francisco.

COST, $15,162

SCHOOL

(68) NE EXCELSIOR AVE & LONDON Construction of lavatories for Monroe School.

Owner.....City and County of San Francisco.

Architect ...Bureau of Architecture, City Hall, San Francisco.

Contractor..L. Heckenroth, 335 8th Ave., San Francisco.

COST, $2495

(689) PLUMBING FOR LAVATORIES on above.

Contractor..A. Lettich, 365 Fell, S. F.

COST, $3137

FRAME DWELLING

(690) SE HANOVER 267 E Lowell. One and one-half-story and basement frame dwelling.

Owner.....Aug. F. Jullich, 318 Lowell San Francisco.

Architect ...None.

Day's work. COST, $1000

FRAME DWELLING

(691) W FORTY-SIXTH AVE 150 N Taraval. One-story and basement frame dwelling.

Owner.....Fred W. Howard, 2049 47th Ave., San Francisco.

Architect ...None.

Day's work. COST, $850

ADDITION

(692) W FILLMORE 80 N Francisco. Add to store house.

Owner.....Orange Blossom, Inc., 47 Kearny, San Francisco.

Architect ...None.

Contractor..C. R. Collupy.

COST, $400

ALTERATIONS

(693) NO. 305 DIVISADERO. Alter store.

Owner.....E. S Dannenbaum, 3997 Washington, S. F.

Architect ...None.

Contractor..J. Harold Johnson [illegible] Jessie, San Francisco

COST $[illegible]

FRAME DWELLING

(694) E ASHTON 100 N Holloway One-story and basement frame dwelling.

Owner.....W. F. St. Ores, 456 25th Ave., San Francisco.

Architect ...None.

Contractor..W. F. St Ores, 456 25th Ave., San Francisco.

COST, $2000

ALTERATIONS

(695) NOS. 114-116-118 COLUMBUS Ave. Alterations and additions to premises.

Owner.....L'Italia Press Co.

Architect ...Louis Mastropasqua 580 Washington, S. F.

Contractor..G. Del Favero, 1839 Mason, San Francisco.

Filed Mar. 12, '17. Dated Mar. 9, '17.

East store nearly completed	$931
West store nearly completed	931
Completed and accepted	931
Usual 35 days	932
TOTAL COST.	$3725

Bond, $1862.50. Surety, Royal Indemnity Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE

(696) E TWENTY-SIXTH AVE 85-11 S Balboa S 25xE 90 O L 356. All work for one-story frame residence and garage.

Owner.....Harry and Eugenie Paiva, 1 25th Ave., San Francisco.

Architect ...None.

Contractor..G. Sandberg, 1143 Lake, San Francisco.

Filed Mar. 12, '17. Dated Mar. 6, '17.

Frame up	$625
Rough plaster on	625
Completed and accepted	625
Usual 35 days	625
COST.	$2500

Bond, none Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS

(697) N HAIGHT 182-6 E Clayton N 137-6xE 25. Alterations and additions and remodeling work to present three-story frame building.

Owner.....E. J. Roberts.

Architect ...Chas. E. Gottschalk, Phelan Bldg., San Francisco.

Contractor..A. McBarnes, 1536 Haight, San Francisco.

Filed Mar. 12, '17. Dated Mar. 5, '17.

Framing work completed and [illegible] laid	$540
Plastering completed	432
Completed and accepted	648
Usual 35 days	540
TOTAL COST.	$2160

Bond, none Limit, 60 days. Forfeit, none. Plans and specifications filed.

CLASS "C" MACHINE SHOP

(698) SE GOLDEN GATE AVE AND [illegible] S 137 E 120 N 35 W [illegible] N 120 W 57-6. All work except heating and electric fixtures for one-story and basement reinforced concrete Class "C" machine shop.

Owner.....Anna Alfreda [illegible] Mirta Adele Hill, Anna Elizabeth Kuner, Bertha Katherine Kuner, Martha Pauline Gehrke [illegible] Rudolph Albert Kuner [illegible]

Architect ...August Headman, 747 Phelan Bldg. S[illegible]

Contractor V. Filippini, 866 Union, S. F.
Filed Mar. 13, '17. Dated Mar. 7, '17.
Foundation in and completed..$1650
Basement walls, columns, beams, etc. in and reinforced concrete floor poured 3000
Concrete work poured to roof line and plumbing and electric work roughed in 3500
Roof timber in place and roof completed 1500
Completed and aicepted..... 3700
Usual 35 days..... 4450
TOTAL COST, $17,800
Bond, $8900. Sureties, Jos. A. Fiorio and L. Figone. Limit, 90 days from recording. Forfeit, $10. Plans and specifications filed.

FRAME FLATS
(6999) E OAKDALE AVE (15th Ave South) and Phelps SE 25xNE 100. Trenching, sewering, gas fitting and plumbing fixtures for two-story and basement frame store and flats.
Owner.....P. and Annie Delpech, 2600 San Bruno Ave., S. F.
Architect ...Fabre & Bearwald, Merchonts Nat'l. Bank Bldg., San Francisco.
Contractor..Henry Ernst & Sons, 633 Hayes, San Francisco.
Filed Mar. 3, '17. Dated Mar. 10, '17.
Roughing in done.....$385
Completed and accepted..... 300
Usual 35 days..... 230
TOTAL COST, $915
Bond, none. Limit, as required. Forfeit, $5. Plans and specifications filed

(7000) ALL WORK EXCEPT PLUMBing, etc., on above.
Contractor..C. Wengard, 1286 34th Ave., San Francisco.
Filed Mar. 13, '17. Dated Mar. 10, '17.
Outside enclosed, sheathing on and ready for roofing.....$1744
Brown coated 1744
Completed and accepted..... 1745
Usual 35 days..... 1745
TOTAL COST, $6978
Bond, $3489. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

BRICK VENEER RESIDENCE
(701) S BROADWAY 177-6 E Fillmore S 137-6xE 40. All work except framing lumber, plumbing, painting, electric work and fixtures, finish hardware and shades for two-story and basement brick veneer residence.
Owner.....A. W. Hooper, 110 Market, San Francisco.
Architect ...J. R. Miller, Lick Bldg., San Francisco.
Contractor..A. D. Collman, 110 Jessie, San Francisco.
Filed Mar. 13, '17. Dated Mar. 12, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $14,915
Bond, $7457.50. Surety, New Amsterdam Casualty Co. Limit, 90 days after Mar. 15. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(702) E SHOTWELL 85 N 15th E 122-6xN 25. All work for two-story frame residence.
Owner.....L. Frankenstein, 2880 16th, San Francisco.
Architect ..D. C. Coleman, Clunie Bldg., San Francisco.
Contractor Herman T. Ludwig, 66 Farallones, S. F.
Filed Mar. 13, '17. Dated Feb. 15, '17.
Roof on $1000
Plastered 1000
Finished and accepted..... 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(703) E FOURTH AVE 60 N Cabrillo N 25xE 95. All work except mill work for two-story and basement 5-room and bath frame (2) flats.
Owner.....John Payne.
Architect ...John F. Haner, 3580 20th, San Francisco.
Contractor..James A. Kirby and William G. Zupar, 20 Norton, San Francisco.
Filed Mar. 13, '17. Dated Mar. 12, '17.
Frame up and roof boards on..$400.00
Brown coat approved and accepted 400.00
Completed and accepted..... 412.50
Usual 35 days..... 412.50
TOTAL COST, $1625.00
Bond, $812.50. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days from March 15. Forfeit, $5. Plans and specifications filed.

STEAM HEATING
(704) S HAIGHT 137-6 W Octavia S 137-6xW 68-9. Steam heating system and oil burning equipment for three story frame now erected and gymnasium to be erected.
Owner.....Young Men's Hebrew Association, 1562 Ellis, S. F.
Architect ...G. Albert Lansburgh, 709 Mission, San Francisco.
Engineer ...Leland & Haley, 58 Sutter, San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
Filed Mar. 13, '17. Dated Mar. 1, '17.
Before 10th of each month.... 75%
Usual 35 days..... 25%
TOTAL COST, $3815
Bond, $1910. Sureties, J. G. Sutton and H. S. Tittle. Limit, as fast as required. Forfeit, none. Plans and specififfications filed.

UNDERTAKING PARLORS
(705) NW DOLORES & SIXTEENTH W 50xN 85.83. All work for two-story and basement undertaking parlors.
Owner.....Chas. S. Howard.
Architect ...H. Geilfuss & Son, 46 Kearny, San Francisco.
Contractor..Schroder Bros., 865 Folsom, San Francisco.
Filed Mar. 13, '17. Dated Mar. 7, '17.
Frame up $1808.00
Brown coated 1808.00
White coated 1808.00
Completed and accepted..... 1811.25
Usual 35 days..... 2411.75
TOTAL COST, $9647.00
Bond, $4823.50. Surety, London & Lancashire Indemnity Co. of America. Limit, 85 days from recording. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(706) NOS. 1850-52-54 SACRAMENTO. Lower present building to conform with height limits; add to and alter for apartments.
Owner.....B. Sieroty, 1852 Sacramento, San Francisco.
Architect ..Fabre & Bearwald, 625 Market, San Francisco.
Day's work COST, $5500

ALTERATIONS
(707) N McALLISTER 156-3 W Central Ave. Move present three-story frame building and change same into two story and basement frame hotel.
Owner.....H. Faubert 2004 McAllister San Francisco.
Architect ...W. G. Hind, 46 Kearny San Francisco.
Day's work. COST, $2000

FRAME DWELLING
(708) S ARMY 150 W Bryant. One and one-half-story and basement frame dwelling.
Owner.....McDonough & Costello, 90 St. Mary's Ave., S. F.
Architect ...None.
Day's work. COST, $1900

FRAME DWELLING
(709) S ARMY 150 W Bryant. One and one-half-story and basement frame dwelling.
Owner.....McDonough & Costello, 90 St. Mary's Ave., S. F.
Architect ...None.
Day's work. COST, $1900

FRAME RESIDENCE
(710) SE ARLINGTON AVE 156 E Miguel. Two-story and basement frame residence.
Owner.....Mrs. Michael Costello, 202 San Carlos Ave. S. F.
Architect ...None.
Day's work. COST, $2000

FRAME RESIDENCE
(711) SE ARLINGTON AVE 184 E Miguel. Two-story and basement frame residence.
Owner.....Mrs. Michael Costello, 202 San Carlos Ave. S. F.
Architect...None.
Day's work. COST, $2000

FRAME RESIDENCE
(712) SE ARLINGTON Ave 128 E Miguel. Two-story and basement frame residence.
Owner.....Mrs. Michael Costello, 202 San Carlos Ave. S. F.
Architect ...None.
Day's work. COST, $2000

REPAIRS
(713) NO. 1132 PINE. Repair fire damage.
Owner.....H. Clausen, Premises.
Architect ...C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor..John Diestel, 248 Russ Bldg. San Francisco.
COST, $1000

ALTERATIONS
(714) NOS. 2125-33 MARKET. Alter and repair stores.
Owner.....Sunset Realty Co., 14 Montgomery, San Francisco.
Architect ...Welsh & Carey, Merchants National Bank Bldg., S. F.
Contractor..Jas. F. McCarthy, 432 Eureka, San Francisco.
COST, $400

ADDITION
(715) NO. 1640 PINE. Add mezzanine floor.
Owner.....Michlein Tire Co., Prem.
Architect ...None.
Contractor..O. W. Britt, 330 Ivy Ave., San Francisco.
COST, $500

ELECTRIC SIGN
(7161) NO. 140 ELLIS. Electric sign
Owner.....Mrs. H. Dale, Premises.
Architect...None.
Contractor. Brumfield Elec. Sign Co., 18 7th San Francisco
COST, $400

REPAIRS
(7177) E GIRARD 100 S Woolsey. Repair dwelling.
Owner.....G. S. West Invst. Co., 2751 Howard, San Francisco.
Architect...None.
Day's work. COST, $600

FRAME DWELLING
(7178) E TWENTY-FOURTH AVE 125 N Judah. One-story and basement frame dwelling.
Owner.....T. A. Burns, 243 Drumm, San Francisco.
Architect...None.
Contractor..F. A. Klein, 1123 24th Ave., San Francisco.
COST, $1000

REPAIRS
(7179) NO. 1140 PINE. Repair fire damage.
Owner.....Esther Clymo, Premises.
Architect...None.
Contractor..J. Dowling, 122 4th Ave., San Francisco.
COST, $165

(7720) E DIAMOND 350 N Chenery. One-story frame garage.
Owner.....Annie Noonan 57 Surrey, San Francisco.
Architect...None.
Contractor..Jos. N. Reid, 2738 Diamond San Francisco.
MOST, $400

FRAME DWELLING
(7721) W FORTY-SEVENTH AVE 125 S Taraval. One and one-half-story and basement frame dwelling.
Owner.....H. Barton, 33 Chattanooga, San Francisco.
Architect...None.
Day's work. COST, $1800

ALTERATIONS
(7722) NO. 2621 MISSION. Alter front, install new stairways and sidewalk elevator.
Owner.....Hind Estate Co., Hind Bldg San Francisco.
Architect...None.
Contractor..Jones & Hatch 180 Jessie, San Francisco.
COST, $2000

FRAME LAUNDRY
(7723) S PINE 106 E Steiner. Two-story frame laundry.
Owner.....J. Robinson, 217 Steiner, San Francisco.
Architect...None.
Contractor..Nelson & Bauer, 599 Gough San Francisco.
COST, $7000

ALTERATIONS
(7724) NW MARKET & TURK. Alter partitions, store fronts, etc.
Owner.....Walter Dean.
Architect...Chas. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor..J. Trounson, 121 5th, S. F.
COST, $1000

FRAME RESIDENCE
(7725) E TWENTY-SIXTH AVE 100 N S Balboa. Two-story and basement frame residence.
Owner.....A. R. Walther, 242 3rd Ave, San Francisco
Architect...None.
Contractor..Nelson Bros., 192 7th Ave., San Francisco.
COST, $1500

CLASS "B" OFFICES
(7726) NE FRONT AND PINE 57-6xN 87-6. General conditions, common and pressed brick work, modern fixing Blocks for seven-story and basement Class "B" office building.
Owner.....Kate Kirkham Wheeler, 2012 Broadway, S. F.
Architect...O'Brien Bros., 240 Montgomery, San Francisco.
Contractor..Brandon & Lawson, 180 Jessie, San Francisco.
Filed Mar. 14, '17. Dated Mar. —, '17.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $8350
Bond, $4175. Surety, The Aetna Accident & Liability Co. Limit, 30 days after completion of concrete frame. Forfeit, none. Plans and specifications filed.

PUMPING, ETC.
(7727) S CLAY 25 E Drumm E 25xS 59-9. Pile driving, pumping, excavating and bulkheading for one-story and basement Class "C" building.
Owner.....James McCarthy.
Architect...O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor..James E. Lamburth, 118 Capp, San Francisco.
Filed Mar. 14, '17. Dated Mar. 9, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1387
Bond, none. Limit, 115 days. Forfeit, none. Plans and specifications filed.

CONCRETE WORK, ETC.
(728 SW CALIFORNIA AND DAVIS W 87-6xS 137-6. Steel frame and concrete work for mazzanine floor and steel concrete, cast iron and marble for staircases for building.
Owner.....California Packing Corp., 112 Market, San Francisco.
Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor..P. J. Lynch, 110 Jessie, San Francisco.
Filed Mar. 15, '17. Dated Mar. 14, '17.
On March 28, April 12, April 27 and May 12..... 75%
36 days after..... 25%
TOTAL COST $5987
Bond, $2993.50. Surety, Massachusetts Bonding & Insurance Co. Limit, May 12, 1917. Forfeit, $50. Plans and specifications filed.

(729) PLUMBING WORK ON ABOVE.
Contractor..Alexander Coleman, 706 Ellis, San Francisco.
Filed Mar. 15, '17. Dated Mar. 13, '17.
Roughing on done.....$1146
Completed and accepted..... 1147
Usual 35 days..... 764
TOTAL COST, $3057
Bond, $1528.50. Surety, New Amstedram Casualty Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

CLASS "C" MACHINE SHOP
(730) SE GOLDEN GATE AVE AND Gough S 155 E 110 N 55-6 N 130 W 57-6. Heating for one-story and basement reinforced concrete Class "C" machine shop.
Owner.....Anita A. Schodz, Mary A. Hill, Annie E. Kaiser, Bertha K. Kaiser, Martha P. Gehrke and Rudolph A. Kaiser, 781 Dolores S. F.
Architect...August G. Headman, Phelan Bldg., San Francisco.
Contractor..Scott Co., 242 Minna, S. F.
Filed Mar. 15, '17. Dated Mar. 14, '17.
Heating system roughed in.....$300
Heating system completed and accepted..... 695
Usual 35 days..... 337
TOTAL COST, $1332
Bond, none. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

(731) SE LUSK ALLEY 55-3 NE Crooks NE 55-3 SE 23 55-3 SE 101 SW 55-3 NW 99 N 60-7½. All work for wholesale market for Ogden Packing & Provision Co.
Owner...H. Levi & Co., 111 New Montgomery, S. F.
Architect...G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor..F. L. Hansen, 709 Mission, San Francisco.
Filed Mar. 15, '17. Dated Mar. 5, '17.
Concrete completed to 1st floor.$3000
Brick work completed to 2nd floor level and 2nd floor joists set.. 7000
Enclosed, plumbing roughed in and electric wires drawn..... 7000
Completed and accepted..... 3570
Usual 35 days..... 7000
TOTAL COST, $27,570
Bond, $13,750. Surety, New Amsterdam Casualty Co. Limit, 85 days from recording. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(732) NE GEARY AND GRANT AVE N 122-6 E 60 S 62-6 W 19-6 S 60 W 40-6. All work except electric wiring for alterations and additions to store building.
Owner.....Livingston Bros., Premises.
Architect...G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Mar. 15, '17. Dated Mar. 7, '17.
Temporary partitions completed..... $2500
Steel work in position..... 3000
Mezzanine framed..... 700
Marble floor in place and show windows repaired..... 1500
Completed and accepted..... 485
Usual 35 days..... 2500
TOTAL COST, $10,685
Bond, $5500. Surety, Guardian Casualty Co. Limit, 111 days from recording. Forfeit $10. Plans and specifications filed.

(733) ELECTRICAL WIRING ON above.
Contractor..Kohlwey-Smith Alfs Elec. Co., 237 Powell, S. F.
Filed Mar. 15, '17. Dated Mar. 7, '17.
Roughed in and wires drawn $285.50
Completed and accepted 141.75
Usual 35 days..... 141.75
TOTAL COST, $567.00
Bond, $300. Surety, Guardian Casualty & Guaranty Co. Limit 111 working days from recording. Forfeit, $50. Plans and specifications filed.

ELECTRIC WORK
(734) N GEARY 100 E Grant Ave N 137-6 N 60 Electric [illegible] reinforced concrete Class "C" [illegible]
Owner.....Morris Meyerfeld Jr. 147 O'Farrell San [illegible]

Architect ...G. Albert Lansburgh, 703 Mission, San Francisco.
Contractor...Boldewin Smith Alfs Elec. Co., 24 Powell, S. F.
Filed Mar. 15, '17. Dated Mar. 7, '17.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2965
Bond, $3000. Surety, Guardian Casualty Co. Limit without delay to other work. Forfeit, $50. Plans and specifications filed.

FRAME RESIDENCE
(735) SE PARIS 100 SW Russia. All work for two-story and basement frame residence.
Owner.....Arthur and Mathilda Stark 573 Paris, San Francisco.
Architect ...None.
Contractor..Jno. Casta, 327 Brazil, San Francisco.
Filed Mar. 16, '17. Dated Mar. 14, '17.
Frame up.....$700
Roof on..... 700
House plastered..... 700
Completed..... 723
Usual 35 days..... 942
TOTAL COST, $3765
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE AND FLAT
(736) S TWENTY-FOURTH 100 W Chattanooga 25x114. Concrete, brick, carpenter, sheet metal, glass and glazing, roofing, lathing and plastering for two-story store and flat building.
Owner.....E. P. Norman Jr., 77 Jersey, San Francisco.
Architect ...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..Anton E. Olson, 125 Jersey San Francisco.
Filed Mar. 16, '17. Dated Mar. 13, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4135
Bond, $2067.50. Sureties, P. Duffy and Victor Nelson. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

(737) PLUMBING ON ABOVE.
Contractor..Thomas Skelly, 660 Precita Ave., San Francisco.
Filed Mar. 16, '17. Dated Mar. 13, '17.
Payments same as above.....
TOTAL COST, $425
Bond, none. Limit 90 days. Forfeit, none. Plans and specifications filed.

SHED
(738) N GOLD 100 W Sansome. Reinforced concrete roof shed.
Owner.....Pacific Coast Syrup Co., Sansome & Gold, S. F.
Engineer..Edw. L. Soule, 916 Rialto Bldg., San Francisco.
Day's work. $1000

ALTERATIONS
(739) NO. 140 TAYLOR. Alter interior of 3 upper floors.
Owner.....P. A. Bergerot, 110 Sutter, San Francisco.
Architect ...Oliver Everett, 1940 Webster, San Francisco.
Day's work. COST, $900

ALTERATIONS
(740) NOS. 2914-20 GUERRERO. Raise and move building.
Owner.....W. Ehrenpfort, 801 Fillmore, San Francisco.
Architect ...None.
Day's work. COST, $950

ADDITION
(741) NO. 17 JORDAN AVE. Add 3 rooms to dwelling.
Owner.....M. I. Zeller, Premises.
Architect ...None.
Contractor..Ross & Burns, 418 Frederick, San Francisco.
COST, $900

STUCCO WALL
(742) NO. 15 ARGUELLO BOULEVARD Erect stucco wall.
Owner.....John Lawson, Premises.
Architect ...None.
Contractor..Taylor & Goericke, 220 Sharon Bldg., S. F.
COST, $500

FRAME DWELLING
(743) W MOULTRIE 125 S Crescent. One-story and basement frame dwlg.
Owner.....John Dah'a, 814 Moultrie, San Francisco.
Architect ...None.
Day's work. COST, $1250

ALTERATIONS
(744) NO. 109 THIRD. Alter store.
Owner.....Alexander R. Baldwin, Mills Bldg., San Francisco.
Architect ...None.
Contractor..Swenson & Franzen, 145 Natoma, San Francisco.
COST, $400

FRAME RESIDENCE
(745) N CABRILLO 73 E Sixteenthh Ave. Two-story and basement frame residence.
Owner.....J. Fletcher, 1104 Ellis, San Francisco.
Architect ...None.
Day's work. COST, $2900

FRAME DWELLING
(746) S URBANO DRIVE 160 E Victoria. One-story and basement frame dwelling.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., San Francisco.
Architect ...Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work. COST, $4000

RESIDENCE
(747) S BROADWAY 177-6 E Fillmore S 137-6xE 40. Plumbing and gas fitting for two-story, attic and basement brick veneer residence.
Owner.....A. W. Hooper, 110 Market, San Francisco.
Architect ...J. R. Miller, Lick Bldg., San Francisco.
Contractor..James H. Pinkerton, 2266 Fulton, San Francisco.
Filed Mar. 17, '17. Dated Mar. 14, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2094
Bond, $1047. Surety, Guardian Casualty & Guaranty Co. Limit, fast as required Forfeit, none. Plans and specifications filed.

ALTERATIONS
(748) NO. 576 MISSION. Alterations to warehouse building.
Owner.....Sarah C. Pond, 406 Insurance Exchange Bldg., San Francisco.
Architect ...Houghtotn Sawyer, Shreve Bldg., San Francisco.
Contractor..Stockholm & Allyn, Monadnock Bldg., S. F.
Filed Mar. 17, '17. Dated Mar. 12, '17.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $4238
Bond, $2119. Surety, New Amsterdam Casualty Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

CLASS "B" OFFICE
(749) NW BUSH AND HYDE N 137-6 xW 40. All work for six-story and basement Class "B" office building.
Owner.....Saint Francis Hospital Co., Premises.
Architect ...Alfred I. Coffey, Humboldt Bank Bldg., S. F.
Contractor..P. R. Ward, 110 Jessie, San Francisco.
Filed Mar. 17, '17. Dated Feb. 20, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $93.900
Bond, $46,950. Surety, Fidelity & Deposit Co. of Maryland. Limit, 160 working days. Forfeit, $40. Plans and specifications filed.

ALTERATIONS
(750) N FIFTEENTH 180 E Noe E 25x N 115 No. 2164 15th. Alterations and additions to 8 room residence into 2 four-room flats.
Owner.....Miss Maria A. Klotz, 866 Capp, San Francisco.
Plans by Contractor.
Contractor..C. L. Knight, 3662 19th, San Francisco.
Filed Mar. 17, '17. Dated Mar. 15, '17.
Rough partitions in place and garage doors in $356.25
Plastering finished 356.25
Completed and accepted..... 356.25
Usual 35 days..... 356.25
TOTAL COST, $1425.00
Bond, $712.50. Surety, Emily G. Knight Limit, 60 days from March 20. Forfeit, none. Plans and specifications filed.

LEASE

SAN FRANCISCO COUNTY.

Mar. 12, 1917—SW GILBERT 225 SW Bryant SE 50xSW 75. Ellen and Thos Bell to Colimbo Lusardi. 10 years. $20 per month.

Mar. 13, 1917—LOT 3 BLK 4 AND LOTS 5 and 6 Blk 3 Belle Roche City. Joseph, James and Bernard Boland to Frank Garibaldi. 3 years. $40 per year.

Mar. 12, 1917—SE HAIGHT & BELVEdere No. 1649 Haight. Annie C and H C Biggs to Peter Anagnost. 3 years. $40 per month.

Mar. 15, 1917—N MISSION NO. 5122 Mission. Christian G Owen, Margt. Kattel, Mamie Anderson, Josephine L. Heureux, Emil Anderson and Nettie M Ruppel to Frank Campondonico. 4 years. $1440.

Mar. 14, 1917—COMG. 48-6 N BROADway and 343-9 E Stockton N 21. Talete Venturi to Carlo O Fauda. 10 years. $17,850.

Mar. 15, 1917—NO. 25 TURK. California Special Messenger Service to C A Tomlinson. 1 year.

Mar. 15, 1917—NO. 374A CAPITOL AVE Joseph Lo Duca to Alphonso Georgi and Joseph Licciardello. 5 years. $600.

Mar. 15, 1917—NE ELLIS AND MASON No. 180 Ellis. The Ellis Street Invst Co to A M Vasilatos and N W Vasilatos. 2 years. $2400.

Mar. 16, 1917—NO. 1556 GRANT AVE. Emanuel Maggi to Giuseppe Lucchesi, Paolo Bellnomini and Chas

Bellnomini. 5 years. $3300 with option to renew.

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Mar. 12, 1917—NE GROVE AND ASHbury 25x90 W 118-6xS 120. Minnie F Gray as to improvements on leased property .....

Mar. 14, 1917—NE KEARNY AND Washington. The Louis Schultz Co

Mar. 15, 1917—S PINE 154-9 W Van Ness Ave W 30xS 120. Caroline Moldenhauer as to improvements on leased property .....

NOTICE OF NON-LIABILITY. SAN FRANCISCO COUNTY.

Mar. 17, 1917—NOS. 141 TO 147 EDDY S line bet. Mason and Taylor. Est Gustave Harshall decd and Adolph K Harshall as to improvements on leased property .....

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Mar. 8, 1917—E EIGHTEENTH AVE 100 N Balboa N 25xE 120. James Welsh to Jas Welsh & Co. Mar. 1, 1917

Mar. 9, 1917—E TWENTY-SIXTH AV 125 N Balboa N 25xE 120. Miss A E Tracey to Thos Hamill. Mar. 9, 1917

Mar. 9, 1917—SW BALBOA & 17TH Ave S 25xW 90. John and Lena Wahren to James Welsh. . Mar. 6, 1917

Mar. 9, 1917—NW ASHBURY & FELL N 100xW 56-3. E G Fischer to Chas Monerieff..... Mar. 7, 1917

Mar. 10, 1917—W WEBSTER 18 N Hermann N 24x81-3. Mary V and Park B Buckminster to whom it may concern.....Mar. 9, 1917

Mar. 12, 1917—E EIGHTEENTH AVE 225 S Clement S 25x120. Lloyd B Ham to whom it may concern..... .....March 12, 1917

Mar. 12, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia De L Welch to Thos A Cavanagh. . .....March 12, 1917

Mar. 12, 1917—E TWENTY-SECOND Ave 180 S Ulloa 30x120. Gussie A Meyer to whom it may concern..... .....March 12, 1917

Mar. 12, 1917—N PINE 95 E Franklin E42-6xN 137-6. O W Britt to H E Drake .....Mar. 8, 1917

Mar. 12, 1917—S CLAY 107-6 W Buchanan W 30xS 127-8¼. Alice G Smith to D J & T Sullivan, Inc. .....March 10, 1917

Mar. 13, 1917—E BAKER 25 S Filbert S 50xE 100. William W Rednall to whom it may concern. Mar. —, 1917

Mar. 13, 1917—W DE HARO 200 S 18th 25x138.15 and 103-1⅛. Mario Alcamo or Alcamo Mario to Neish Bros.....Mar. 10, 1917

Mar. 13, 1917—E TWELFTH AVE 125 N Cabrillo N 25xE 120. Alton R Lapham to whom it may concern.. .....March 10, 1917

Mar. 13, 1917—SE ELEVENTH AVE and Balboa S 25xE 95. Alton R Lapham to whom it may concern.. .....March 10, 1917

Mar. 14, 1917—N VALLEJO 171-10½ W Scott W 34-4½xN 137-6. J R Henley to A Knowle[illegible] Mar. [illegible], 1917

Mar. 14, 1917—E TWENTY-FOURTH Ave 50 S Geary S 25 E 100. Spencer Needham to whom it may concern..... March 7, 1917

Mar. 14, 1917—N BROADWAY 125-6 W Jones 23x60. Gaetano Carniglia to S Montani..... Mar. 12, 1917

Mar. 14, 1917—E POWELL 30 S Jackson S 60xE 48. Frank Pedelle to Schroder Bros.....Mar. 10, 1917

Mar. 14, 1917—W TWENTY-SIXTH Ave 750 N Geary W 127-11 5-9 NW 75-1⅝ m or 1 E 130-6⅝ S 25. Gustave Moeller to Ernest E Dunn . .....March 12, 1917

Mar. 14, 1917—S MISSION bet. 10th and 11th. Gantner & Mattern Co to T H Meek Co.....Mar. 9, 1917

Mar. 15, 1917—SW ANZA AND NINTH Ave W 95xS 25. D De Bernardi & Co to Emil Nelson.....Mar. 1 1917

Mar. 15, 1917—E FIFTH AVE 25 S Kirkham S 25 E 118-8¾ m or 1 NE 28-8 m or 1 W 132-4. A J Raisch to whom it may concern.. .....March 12, 1917

Mar. 15, 1917—E VALENCIA 210 S 19th. Michael Maguire to H C Keenan.....Mar. 12, 1917

Mar. 15, 1917—N UNION 75 W Taylor W 25xN 137-6. Elena Dunn to J Del Favero and A Pardon. Mar. 15, '17

Mar. 16, 1917—NO. 183 TWENTY-Fourth Ave. George A Billings to Walter Sorensen.....Mar. 14, 1917

Mar. 16, 1917—E RAMONA AVE 30 S 14th. Ernest A Knoop to whom it may concern.....Mar. 14, 1917

Mar. 16, 1917—E TWENTY-FOURTH Ave 175 N Clement N 25xE 120. Sarah V. Loree to whom it may concern .....Mar. —, 1917

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Mar. 9, 1917—COR. GENEVA AVE & Vienna 75-6x100. No. 1249 Geneva Ave; Cor. Geneva Ave and Seville 33-6x100. No. 200 Cordova. F A George vs John F Hiner $122.50

Mar. 10, 1917—E TWENTY-THIRD Ave 225 S Balboa S 25xE 120. Thos S Hutton vs Catherine West....$200

Mar. 10, 1917—E TWENTY-THIRD Ave 250 S Balboa S 75xE 120. Thos S Hutton vs Eugene M Thompson.. ....$1022.50

Mar. 10, 1917—NW MADRID 25 SW Persia Ave SW 25xNW 75. J Piconi vs H E and T W MacArthur....$125

Mar. 10, 1917—W MADRID & PERU Ave NW 75xSW 25. J Piconi vs H E & T W MacArthur.....$130

Mar. 10, 1917—E THIRTY-FIRST AV 75 N Clement N 27xE 100. J Piconi vs H E & T W MacArthur (as MacArthur Bros Co) and Julia F Wilcox $75

Mar. 10, 1917—NW MADRID 50 SW Peru Ave SW 25xNW 75. J Piconi vs H E & T W MacArthur.....$125

Mar. 12, 1917—W SEVENTH AVE 270-6 N Geary 25x120. C Mancini & C A Jeffers vs Katherina Kovatz $135

Mar. 13, 1917—W SEVENTH AVE 300 S Clement S 25xW 120. Frank Giarritta vs Kate Kovats and A Alsop $55

Mar. 15, 1917—N RUTLEDGE 62-6 W Franconia W 37-6xN 70. Leonard Lumber Co vs Anna W Sirvio and John A Kurvala $290.02

Mar. 16, 1917—W PLUTO 80 S Masonic Ave W 27-6 S 75.51 E 27.86 N 80 Lot 41 Ashbury Terrace. Edwin T Peterson vs Co-Operative Home Bldrs Co.....$954.30

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Mar. 8, 1917—E SEVENTEENTH AVE 250 N Balboa 25x125; W 22nd Ave bet "A" and "B" No.. 531 22nd Ave. Dieckman Hardwood Company to Michael Costello and Costello and Feerick .....

Mar. 12, 1917—N PINE 77-6 W Grant Ave W 60xN 60. Tiernan & Beronio, Friedman Bros, Mission Concrete & Mosaic Co, M Perino, Michel & Pfeffer, S F Metal Stamping & Corrugating Co, E V Lacey, Fred Slepuznikoff, Dunham, Carrigan & Hayden Co (2 releases), United Materials Co, Pacific Portland Cement Co, California Brick Co, G Christina and G C Cristino to Wm A Rench and Ratto & Ratto.....

Mar. 12, 1917—N PINE 77-6 W Grant Ave W 60xN 60. Joost Bros and Western Electric Co to Wm Rench and Ratto & Ratto.....

Mar. 12, 1917—N PINE 77-6 W Grant Ave W 50xN 60. Terranova Bros, Acme Tile Co, Western Builders' Supply Co to Wm A Rench and Ratto & Ratto.....

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base frame, $4,500. Oakland, Cal. Architect, none. Owner, I. Ariel Kellogg, 1416 Grand avenue, Oakland. Location, west Manila south 42nd street. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, E. H. Adams, 2126 24th avenue, Oakland. Location, east 23rd avenue south East 29th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

STREET IMPROVEMENTS—Cost as follows. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Commissioners have awarded street contracts as follows: T. B. Ransome, 28th and Poplar streets, Oakland.

That the south half of First street, from the east line of Broadway to a line drawn at right angles to the south line of First street, at a point distant thereon 100 feet east from the east line of Broadway be graded, guttered with a brick gutter 14 inches wide, and paved with asphalt, and the existing granite curb thereon be reset to line and grade. Cost per square foot of grading, 3c; per linear foot of granite curb to be reset, 45c; per square foot of brick gutter, 48c; per square foot of asphalt pavement, 20c.

To Hutchinson Co., 13th and Franklin streets, Oakland.: That Hearst avenue be graded, curbed with redwood, guttered with concrete gutters three feet wide, paved with oil macadam and sidewalked with cement sidewalks five feet wide. Cost: Per cubic yard of excavation 35c; per linear foot of redwood curbing, 11c; per square foot concrete gutter, 14c; per square foot oil macadam pavement, 7.5c; per square foot cement sidewalk, 9.5c.

APARTMENT HOUSE—3 story and base, frame, $50,000. Oakland, Cal. Architect, Charles J. Rousseau, 46 Kearny street, S. F. Owner, R. J. Pavert. Location, northwest 15th and Brush streets, covering an area of 90 by 103½ feet. Will contain twenty-nine suites of three four and five rooms. Plans complete and segregated figures being taken.

RESIDENCE — 1 story and base, frame $1,800. Oakland, Cal. Architect, none. Owner, A. T. Anderson, 3625 Brookdale avenue, Oakland. Location, south Brookdale west Short. Will contain five rooms bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owners, Broadhead and Wishart, 864 57th street, Oakland. Location, north 42nd street west Market. Will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE —3 story and base, brick and steel, $75,000. Oakland, Cal. Architect. M. I. Diggs, Syndicate Bldg., Oakland. Owners, United Home Builders, 1529 Broadway, Oakland. Location, west Oak north 14th. Will contain 90 rooms arranged in suites of two and three rooms. Plans complete and segregated figures being taken.

RESIDENCE — 2 story and base, frame, $12,000. Piedmont, Alameda Co., Cal. Architect, Washington J. Miller, 417 Market street, S. F. Owner, Dr. Roscoe. Will contain ten rooms, three baths and slyeeping porch. Separate garage. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $2,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Herbert F. Kern, 938 San Benito Road, Berkeley. Location, north Shattuck avenue east Indian Rock. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,000. Albany, Alameda Co., Cal. Architect, none. Owner, G. B. Hollenbeck, 5444 Wadean Place, Oakland. Location, east Santa Fe avenue south Solano. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

STORES—1 story and base, brick, $1,100. Oakland, Cal. Architect, none. Owner, William J. Kelly, 2028 Clinton avenue, Alameda. Location, northwest Sixth and Clay streets. Will contain one small store. Plans complete and work to be done by Day Labor.

HOTEL—2 story and base, brick, $20,000. Oakland, Cal. Architects. J. C. and M. L. Newsom, 1748 Broadway, Oakland. Owner's name withheld. Location, 7th and Franklin streets. Will contain three stores and 24 rooms. Plans are being prepared.

RESIDENCE — 2 story and base, frame, $5,500. Oakland, Cal. Architect, Frederick Soderberg, First National Bank Bldg., Oakland. Owner, Mrs. Shoo. Location, Lakeshore Boulevard. Will contain seven rooms, two baths and sleeping porches. Separate garage. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, L. M. Austin, 907 Pardee avenue, Berkeley. Location, north Bond east 50th avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

Contract Awarded.

STREET IMPROVEMENTS—Cost as follows. Oakland, Cal. Engineerr,r City Engineer, Oakland. Owners, City of Oakland. The City Council has awarded a contract to J. Catucci, 1230 18th avenue, Oakland, for the following street improvement: That a sewer having an internal diameter of 8 inches be constructed on Flemming avenue near Courtland avenue, also tow brick manholes, a lamphole with top of brick and cast iron, and C branches having 5-inch openings. The aforesaid sewer, Y branches and lamphole (excepting the top thereof) shall be constructed of vitrified sewer pipe. Cost: per linear foot of 8-inch sewer, 59c; per manhole, $39.50; per lamphole, $9; per Y branch, 20c.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
536	Gandolfo	Olsen	1500
537	Kohler	Jarvis	1750
538	Anderson	Owner	1700
539	Baldwin	Hexer	900
540	Parker	McDonald	1[illegible]
541	Federal	Ellis	450
542	Beach	Sommerstrom	15500
543	Alameda Co.	Pedersen	7445
544	Sterling	Sommerstrom	[illegible]
545	Gwoametti	Faulkes	400
546	Emmons	Scott	1750
548	Cal. Pkg.	Cal. Pkg.	11000
549	Broadhead	Wishart	[illegible]
550	Gossett	Gossett	1000
551	Fireproof	Wichers Co.	17000
558	Getty	Getty	1000
559	Adams	Adams	2000
560	McNamara	Carpenters	400
561	Scherbage	Howell	450
562	Kellogg	Kellogg	1500

562	S P Co	Bell	—
564	McGee	Burnett	3500
565	Newell	Newell	8000
566	Hollenbeck	Hollenbeck	2000
567	Vespa	Caretto	1400
570	W'n Fuel	Graham	8275
571	Faur	Faur	850
572	Santa Fe	Owner	1200
573	Doak	Pedgrift	800
574	Standard Oil	Owner	500
575	Austin	Austin	1700
578	Murry	Murry	500
579	Cofer	Coter	10000
580	Wiggin	Sheridan	7000
581	Matteson	Matteson	1800
582	Whitehead	Callahan	2100
583	Cal. Pkg.	McIntosh	2100

DWELLING
(536) W MARKET 50 S 45th, Oakland. One-story 4-room dwelling.
Owner.....P. Gandolfo, 314 49th, Okd
Architect ...None.
Contractor..Garrelo & Cisen, 311 51st, Oakland.
COST, $1500

DWELLING
(537) NW TWELFTH AND E-17TH, Oakland. One-story 5-room dwlg.
Owner.....Olga T. Kohler, 1705 12th Ave., Oakland.
Architect ...None.
Contractor..Walter Jarvis, 242 Oakland Ave., Oakland.
COST, $1750

DWELLING
(538) S BROOKDALE 20 W Short, Oakland. One-story 5-room dwelling.
Owner.....A. T. Anderson 3625 Brookdale Ave., Oakland.
Architect ...None.
Day's work. COST, $1700

ALTERATIONS
(539) W WASHINGTON 50 S Tenth, Oakland. Alterations.
Owner.....Mrs. Baldwin, S. F.
Architect ...None.
Contractor..Chas. W. Heyer, Dalziel Bldg., Oakland.
COST, $400

ALTERATIONS
(540) NO. 827 E-TWENTIETH, Oakland. Alterations.
Owner.....A. E. Parker, Premises.
Architect ...None.
Contractor..J. C. McDonald, 932 22nd, Oakland.
COST, $400

(541) GORE TELEGRAPH & BROADway. Electric sign.
Owner.....Federal Drug Co. Prem.
Architect ...None.
Contractor..Ellis Elec. Constr. Co.
COST, $450

BRICK GARAGE
(542) SW TWENTY-SIXTH & VALDEZ, Oakland. One-story brick garage.
Owner.....F. A. Leach.
Architect ...None.
Contractor..Sommarstrom Bros., 24th and Telegraph Ave., Okd.
COST, $15,500

GARAGE
(543) LOCATION NOT GIVEN. One-story reinforced concrete garage.
Owner.....County of Alameda.
Architect ...None.
Contractor..James Pedgrift, 2233 11th Ave., Oakland.
COST, $7445

BRICK FACTORY
(544) SIXTH AND OCEAN DRIVE, Emeryville. One-story brick factory
Owner... Sterling Paint Co., 118 1st, San Francisco.
Architect None.
Contractor. Sommarstrom Bros., 24th Telegraph Ave., Oakland.
COST, $

ALTERATIONS
(545) NO. 9639 E-FOURTEENTH, Oakland. Alterations.
Owner.....A. Gwoanetti.
Architect ...None.
Contractor..John R. Faulkes, 9828 E-14th, Oakland.
COST, $100

CEMENT WORK, ETC.
(547) E BROADWAY 89-8 N 23rd, Oakland. Cement work, carpenter work, plastering, electric wiring, plumbing, mill work, glazing, hardware, sidewalks and painting for one-story store now standing.
Owner.....G. W. Emmons, 891 Union, Alameda.
Architect ...B. G. McDougal.
Contractor..G. A. Scott, 685 23rd, Okd.
Filed Mar. 13, '17. Filed Mar. 12, '17.
Completed and accepted.....$1312.50
Usual 35 days..... 437.50
TOTAL COST, $1750.00
Bond, none. Limit, 20 days. Forfeit, $10. Plans only filed.

CONCRETE BUILDING
(548) FIRST AND FILBERT, Oakland. One-story reinforced concrete printing plant.
Owner.....California Packing Cpn., 112 Market, San Francisco.
Architect ...None.
Day's work. COST, $14,000

DWELLING
(549) N FORTY-SECOND 200 W Market, Oakland. One-story 5-room dwelling.
Owner.....Broadhead & Wishart, 864 57th, Oakland
Architect ...None.
Day's work. COST, $2400

DWELLING
(550) S E-THIRTY-SEVENTH 245 W Lincoln Ave., Oakland. One-story 5-room dwelling.
Owner.....J. H. Gossett, Hayward.
Architect ...None.
Contractor..Gossett & Gossett, 1713 Nason, Alameda.
COST, $1900

WAREHOUSE
(551) E CLAREMONT AVE 300 S College Ave., Oakland. Three-story reinforced concrete warehouse.
Owner.....Fireproof Warehouse Co., 341 Alcatraz Ave., Okd.
Architect ...None.
Contractor..J. T. Cochran, 341 Alcatraz Ave., Oakland.
COST, $15,000

DWELLING
(558) E VIOLA 137 N Allendale Ave Oakland. One-story 3-room dwelling.
Owner .....M. V. Getty.
Architect ...None.
Day's work. COST, $1000

DWELLING
(559) E TWENTY-THIRD AVE [illegible] S E-29th, Oakland. One-story five-room dwelling.
Owner. ...E H Adams, [illegible] Ave., Oakland
Architect ...None.
Day's work COST $

[illegible] NO. [illegible] VALLE VISTA AVE Oakland Garage
Owner A. McNamara, Premises
Architect ...None.
Contractor E. Cimmetto [illegible] Miles Ave., Oakland.
Cost $

BARN
(561) NO. 3229 E-FOURTEENTH Oakland. Two-story barn.
Owner ...B. Scheibage, Premises
Architect ...None.
Contractor W. L. Howell, 705 35th Ave. Oakland.
COST $450

DWELLING
(562) W MANILA AVE 18 S 42nd Oakland. Two-story 7-room dwelling.
Owner... I. Ariel Kellogg, 1416 Grand Ave., San Francisco.
Architect ...None.
Day's work. COST, $3500

FILLING IN
(563) BET. CEDAR AND S. P. CO'S electric local tracks and Chase and Taylor streets produced W with material taken from property N Division and W Cedar, Oakland. All work for filling in.
Owner.....Southern Pacific Company.
Architect ...None.
Contractor..F. P. Bell.
Filed Mar. 14, '17. Dated Feb. 28, '17.
Usual 35 days.....All
TOTAL COST, 27½c per cubic yard
Bond, $300. Sureties, Palmer and McBond. Limit, 60 days. Forfeit, none. Plans only filed.

FRAME DWELLING
(564) NO. 1085 HARVARD ROAD being Lot 12 Blk "D" Lakewood Park, Piedmont. One-story frame dwelling.
Owner.....Stewart McGee.
Architect ...None.
Contractor..Chas. H. Burnett, 865 32d, Oakland.
COST, $3500

FRAME DWELLING
(565) NO. 119 BONITA AVE., Piedmont Two-story and basement frame dwlg.
Owner.....R. C. Newell, Premises.
Architect ...Falch & Knoll, Hearst Bldg., San Francisco.
Day's work. COST, $8000

DWELLING
(566) E SANTA FE AVE 220 S Solano Ave., Albany. One-story 5-room dwlg
Owner .... G. B. Hollenbeck, 5444 Wadean Place, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(567) N WASHINGTON 53 E [illegible] Albany. One-story 4-room dwelling.
Owner .. Frank Vespa, 427 [illegible] Ave., Albany.
Architect ...None.
Contractor C. Caretto & C[illegible] son, Berkeley.
COST $

[illegible]
[illegible] S FIRST [illegible] on E line Myrtle, if extended, S 691.78 W 264, Oakland All [illegible] and bridge.
[illegible] Westerly [illegible] Market [illegible]
Vic. Hotel Home [illegible]
[illegible]

Contractor David Graham, 127 9th Ave., San Francisco.
Filed Mar. 15, '17. Dated Mar. 13, '17.
Once each month 75%
Completed and accepted. 75%
Usual 35 days. 25%
TOTAL COST, $8275
Furnishing and driving piles 72c per lin. ft.
Bond, $5000. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Location given as recorded.

DWELLING
(571) N REDDING 500 W High, Oakland. One-story 1-room dwelling.
Owner.....Louis Faur, 13th Ave and E-32nd, Oakland.
Architect...None.
Day's work. COST, $850

ALTERATIONS
(572) E MADISON — S FIRST, Oakland. Alterations.
Owner.....Atchison, Topeka and Santa Fe Railway Co., Monadnock Bldg., S. F.
Architect...None.
Day's work. COST, $1200

PLATFORMS
(573) E JACKSON 80 N Fourth, Oakland. Concrete platforms.
Owner.....Doak Gas Engine Co., Madison, bet. 4th and 5th, Oakland.
Architect...None.
Contractor..Jas. H. Pedgrift, 565 16th, Oakland.
COST, $800

ALTERATIONS
(574) NE HIGH AND CLEMENT, Oakland. Alterations and additions.
Owner.....Standard Oil Co., 200 Bush, San Fraancisco.
Architect...None.
Day's work. COST, $500

DWELLING
(575) N BOND 160 E 50th Ave., Oakland. One-story five-room dwelling.
Owner.....L. M. Austin, 907 Parlee, Berkeley.
Architect...None.
Day's work. COST, $1700

DWELLING
(578) N ALMOND AVE 110 E 90th Ave., Oakland. One-story 2-room dwlg.
Owner.....Mrs. Mary C. Murry, 2210 90th Ave., Oakland.
Architect...None.
Contractor..G. A. Murry, 2210 90th Ave., Oakland.
COST, $500

APARTMENTS
(579) SE THIRTY-FIFTH AVE AND Foothill Blvd., Oakland. Two-story 20-room apartments.
Owner.....Grace Cofer, 3010 Foothill Blvd., Oakland.
Architect...None.
Contractor..J. E. Cofer, 3010 Foothill Blvd, Oakland.
COST, $10,000

MARKET
(580) SE FIFTH AND FRANKLIN, Oakland. One-story brick and concrete produce market.
Owner.....C. M. Worgan 311 Perry, Oakland.
Architect...None.
Contractor..Robt. E. Sheridan, 387 11th, Oakland.
COST, $7000

DWELLING
(581) S DAMUTH 170 W Lincoln Ave., Oakland. One-story 5-room dwlg.
Owner.....W. H. Matteson, 3328 Maple Ave., Oakland.
Architect...None.
Day's work. COST, $1800

(582) W PERALTA AVE 228 N E-23d, Oakland. One-story 5-room dwlg.
Owner.....Rupert Whitehead, 205 1st National Bank Bldg., Okd.
Architect...None.
Contractor..Callahan & McIntosh, 204 1st National Bank Bldg., Oakland.
COST, $2100

MANUFACTURING PLANT
(583) NE FIRST AND FILBERT, Oakland. All work for one-story reinforced concrete and brick manufacturing plant.
Owner.....California Packing Corporation, 112 Market, S. F.
Engineer...Philip L. Bush, 2321 Van Ness Ave., San Francisco.
Contractor..C. L. Wold & Co., Inc., 75 Sutter, San Francisco.
Filed Mar. 17, '17. Dated Mar. 16, '17.
Concrete columns poured.....$1250
Roof slabs poured..... 3000
Floor slabs poured..... 2000
Completed and accepted..... 4000
36 days after..... 3450
TOTAL COST, $13,700
Bond, $6850. Surety, U. S. Fidelity & Guaranty Co. Limit, 60 days. Forfeit, $20. Bonus, $20. Plans and specifications, none.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
546	Rother	Kollmer	1500
557	Lenhaefen	Livingston	450
568	Hillen	Peake	2000
569	Kern	Kern	2500
576	Tackle	Texdahl	400
577	Kauffman	Bischoff	450

DWELLING
(546) NO. 864 CONTRA COSTA, Berkeley. Two-story 7-room dwelling.
Owner.....Rother & Wolbold, 2008 Center, Berkeley.
Architect...None.
Contractor..Jacob Kollmer, 2813 Stuart Berkeley.
COST, $4500

ALTERATIONS
(557) NO. 3211 CALIFORNIA, Berkeley Alterations and additions.
Owner.....Theodore Lenhaefen, Prem
Architect...None.
Contractor..Wm. Livingston, 2918 Ellis Berkeley. COST, $450

DWELLING
(568) W COLUSA 215 S Posen, Berkeley. One-story 6-room dwelling.
Owner.....H. Hiller, 2131 University Ave., Berkeley.
Architect...None.
Contractor..F. R. Peake, 2131 University Ave., Berkeley.
COST, $2000

DWELLING
(569) N SHATTUCK AVE 61 E Indian Rock Path, Berkeley. One-story 6-room dwelling.
Owner.....Herbert F. Kern, 938 San Benito Road, Berkeley.
Architect...None.
Day's work. COST, $2500

ADDITION
(576) NO. 1520 WARD, Berkeley. Addition.
Owner.....A. J. Tackle, Premises.
Architect...None.
Contractor..C. Texdahl, 3035 Harper, Berkeley.
COST, $400

GARAGE
(577) NO. 22 THE UPLANDS, Berkeley Garage.
Owner.....A. F. Kauffman, Premises.
Architect...None.
Contractor..John A. Bischoff, 6045 Harwood Ave., Berkeley.
COST, $450

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
552	Tuttle	Noble	2000
553	Same	Same	2000
554	Bayne	Mullen	1400
555	Dunn	Morrison	450
556	Wemmann	MacRae	425

DWELLING
(552) NO. 606 PACIFIC AVE., Alameda One-story 5-room dwelling.
Owner.....L. P. Tuttle 1311 Santa Clara Ave., Alameda.
Architect...None.
Contractor..G. H. Noble, 2205 Santa Clara Ave., Alameda.
COST, $2000

DWELLING
(553) NO. 1618 SIXTH, Alameda. One-story 5-room dwelling.
Owner.....L. P. Tuttle, 1311 Santa Clara Ave., Alameda.
Architect...None.
Contractor..G. H. Noble, 2205 Santa Clara Ave., Alameda.
COST, $2000

DWELLING
(554) W GRAND 100 N Lincoln, Alameda. One-story 5-room dwelling.
Owner.....Duncan Bayne, Cor. Minton and Lincoln, Alameda.
Architect...None.
Contractor..C. H. Mullen, 1615 Stanton, Alamedt. COST, $1400

GARAGE
(555) NO. 1610 CENTRAL AVE., Alameda. Garage.
Owner.....Jas. Dunn, Premises.
Architect...None.
Contractor..W. K. Morrison, 1528 Pacific Ave., Alameda.
COST, $450

GARAGE
(556) NO. 1315 DAYTON AVE., Alameda. Garage.
Owner.....L. Wernmann Premises.
Architect...None.
Contractor..C. W. MacRae, 2315 Encinal Ave., Aalameda.
COST, $425

COMPLETION NOTICES

ALAMEDA COUNTY.

RECORDED ACCEPTED
Mar. 10, 1917—FIFTH AND KIRKham; Fifth and Cypress and West Oakland Yard, Okd. S P Co to B

S Harris.....Mar. 9, 1917
Mar. 10, 1917—E BROADWAY 120 NE 38th NE 41.50xSE 110, Okd. Leo L Nichols, Agent for Henry A Dodge, to whom it may concern.....March 10, 1917
Mar. 10, 1917—W PTN LOT 37 BLK "B" Map 4th Ave Terrace, Okd. S V Nichols to whom it may concern.....March 10, 1917
Mar. 12, 1917—LOT 46 Arnold Blvd. Tract, Okd. J J Criger to S A Warner.....Mar. 9, 1917
Mar. 13, 1917—BROADWAY, Oakland. G W Emmons to G A Scott.....March 7, 1917
Mar. 13, 1917—S BRISTOL 86-10¾ W Third W 31-10¼ E 51-1¼ S 170-3½ N 35-10½ E 17-4½ N 67-11¾ W 36-7½ N 46-5½, Bkly. El Dorado Oil Works to Wm E McDonald.....March 13, 1917
Mar. 14, 1917—SW FIRST & GROVE W 300xS 200, Okd. Pacific Gas & Electric Co to J M Ough. Mar. 6, 1917
Mar. 14, 1917—LOT 9 AND SW 5 ft. Lot 8 Blk 8 Map Key Route Heights Okd. Minnie A Cutler to J F Ball.....March 10, 1917
Mar. 14, 1917—LOT 8 BLK "I" Map 4th Ave Terrace, Okd. R B Wilson to whom it may concern. Mar. 12, 1917
Mar. 14, 1917—NE ARKANSAS 115 SE Peralta Ave SE 37.25 NE 100 NW 21.30 SW 101.26, Okd. Andrew Anderson to whom it may concern.....March 12, 1917
Mar. 14, 1917—SW GALINDO AND SE Gray Ave SW 100 to pt beg SW 68.72 SE 96.60 NE 255.70 NW 70, Okd. A M Werum by Adolph Werum to whom it may concern. Feb. 20, 1917
Mar. 13, 1917—SE HARRIET & FOOTHill Blvd, Okd. John Espaisse to Harry C Knight.....Mar. 13, 1917
Mar. 15, 1917—LOT 18 Map Resbdvn Ptn Highland Court, Piedmont. M Cianciarulo to John B Perona.....March 15, 1917
Mar. 15, 1917—NW DURANT AVE & Ellsworth N 50xW 100, Bkly. E A Schmidt to whom it may concern.....March 14, 1917

LIENS FILED

ALAMEDA COUNTY.

RECORDED AMOUNT
Mar. 10, 1917—NW OAKLAND AVE 37.50 SW San Carlos Ave SW 37 NW 90, Okd. E W Urch vs David G and Lona V Duncan.....$26
Mar. 10 1917—NW OAKLAND AVE 74.50 SW San Carlos Ave SW 37 NW 90, Piedmont, E E Urch vs S L Thompson.....$17.50
Mar. 10, 1917—NW OAKLAND AVE 111.50 SW San Carlos Ave SW 37 NW 90, Piedmont. E E Urch vs Vivian L and Ellen E Duncan..$28.50
Mar. 12, 1917—(1) PTN ANGHINbaugh 223.374 Acre Tract; (2) Lots 22, 25, 26, 27 and Ptn Lots 23 and 24 Sec 11 and Lot 6 Sec 14 Tp 2 S Range 4 W M D M Sale Map No. 10 Salt Marsh and Tide Lands, Ala. A T Spence vs Surf Beach Amusement Co, Alameda Park Co, John Doe, Richard Roe and Jane Doe.....$7901.27
Mar. 12, 1917—S EMERSON 287.2 W Shattuck Ave W 38.4xS 100, Bkly. Mark R Broadwell vs Henry Harris and C Lewis.....$25
Mar. 12, 1917—N MANDANA BLVD 75 N Calmar being No. 646, Oakland. Eureko Mill & Lumber Co vs H H Weider and W L Smith and Goldstein and Weider.....$19.20
Mar. 13, 1917—W LINE RIGHT OF Way of Southern Pacific Railway Co 627 N Charter line City of Oakland NW 772.71 S 1461.90 NE 386.10 SE 378.15 N 1378, Oakland Tp. Sunset Lumber Co vs Fred H Austin and Judson Mfg Co.....$145.25
Mar. 13, 1917—CONGRESS AVE SE Courtland Ave 38-6x100 being No. 4810, Oakland. J P Ehrman vs Mrs G V Raleigh and H A Raleigh..$87

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT
Mar. 9, 1917—N HILGARD AVE 90 from E line Euclid Ave E 35xN 100, Bkly. John O Adler to Marie A Wright and Charles Lock.....$43
Mar. 9, 1917—W BROADWAY 90 N Hawthorne Ave N 56-7¼ W 216.58 S 158-7½ E 50 N 100 E to pt beg, Okd. Robert Howden & Sons to Powell Bros Constr Co.....$1600

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGE SURFACING — Cost not stated. Hollister, San Benito Co., Cal. Engineer, County Surveyor, Hollister. Owners, San Benito County. The San Benito County Supervisors have accepted the plans and specifications prepared by County Engineer W. A. Winn for surfacing the Bird Creek bridge over the Tres Pino Creek and the Pacheco bridge aver the Pacheco Creek. The Clerk was instructed to advertise for bids to close April 2nd at 10 a. m. Plans and further information may be had from the County Clerk.

RESIDENCE — 2 story and base, frame, $25,000. Palo Alto, Santa Clara Co., Cal. Architects, J. E. Krafft & Sons Phelan Bldg., S. F. Owner, Mrs. Howard. Location, University Campus. Will contain twelve rooms, four baths and conservatory. Separate garage. Plans complete and figures being taken.

FACTORY GROUP—Construction not determined. Cost not stated. South San Francisco, San Mateo Co., Cal. Architect not selected. Owners, Steiger Terra Cotta Works, Mills Bldg., S. F. Mr. Dennison, of the Steiger Terra Cotta Co., states that while the matter of rebuilding the plant recently destroyed by fire at South San Francisco has not been fully determined upon such a step is being considerred. A number of large terra cotta contracts had been completed and were ready for shipment when the plant was destroyed. Mr. Dennison states that these contracts have been turned over to other companies and that the materials will be delivered as soon as possible. Definite announcement as to rebuilding the plant will be made within two weeks.

CULVERT — Reinforced concrete. Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. The San Mateo County Supervisors at their last meeting returned all bids received for the construction of a concrete culvert on Cascade Creek in the Fifth Road District, as it was found that that there was not sufficient money in the funds to cover the cost of the work. The bids were not opened.

[redacted] Architect, formerly connected with [redacted] San Francisco, San Mateo [redacted] Architect, [redacted] Co. 126 Market [redacted] been announced that the [redacted] Co. would not rebuild its [redacted] to plant, destroyed by fire [redacted] ago. Another building and [redacted] two will be erected at the South San Francisco plant of the company, which will care for the business formerly done at Sacramento. Construction will be of steel and corrugated iron.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

ADDITION
FIRST AND MARGARET STS., San Jose All work for garage addition.
Owner.....Associated Oil Co., 115 N-1st St., San Jose.
Architect...None.
Contractor..Morrison Bros., 1310 Liberty St., Santa Clara.
Filed Feb. 27, '17. Dated Feb. 17, '17.
Accepted 75%
Usual 35 days..... 25%
TOTAL COST, $868
Bond, $868. Sureties, C. A. Monson and F. W. Wehner. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

ART GALLERY
STANFORD CAMPUS, Palo Alto. Concrete floors, etc., for art gallery.
Owner.....Stanford University.
Architect...Bakewell & Brown, 251 Kearny, San Francisco.
Contractor..W. C. Duncan & Co., Sharon Bldg., San Francisco.
Filed Feb. 28, '17. Dated Feb. 23, '17.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1330
Bond, $665. Surety, New Amsterdam Casualty Co. Limit, 14 days after notice. Forfeit, $5. Plans and specifications filed.

PLASTER AND TILE WORK
SANTA CLARA. 1000 lineal feet brick, plaster and tile wall.
Owner.....Noel S. Sullivan, 2171 Sacramento, San Francisco.
Architect...Maginnis & Walsh and A. Cauldwell.
Contractor..Larsen-Sampson Co., Crocker Bldg., S. F.
Filed Mar. 2, '17. Dated Feb. 13, '17.
90 days after 50% brick finished.$3060
90 days after brick finished.... 3060
90 days after wall finished..... 3060
95 days after completion notice. 3070
TOTAL COST, $———
Bond, $6125. Surety, Guardian Casualty & Surety Co. Limit, 180 days from date. Forfeit, $10 per day. Plans and specifications filed.

FRAME DWELLING
STANFORD CAMPUS, Palo Alto. All work for one-story and basement frame dwelling and garage.
Owner.....Payson J. Treat, Salvatierra Campus, Palo Alto.
Architect...J. K. Branner.
Contractor..Dewar & Son, 180 Jessie, San Francisco.
Filed Mar. 9, '17. Dated [redacted]
Rough framing up [redacted] $[redacted]
Rough plastering [redacted]
Plastering done [redacted]
Accepted [redacted]

Usual 35 days 375
TOTAL COST, $9500
Bond, none. Limit, 140 days after filing. Forfeit, $5 per day. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY.

Feb. 27, 1917—RINCON AVE., San Jose. Ragna E White to S G Pelton .....Feb. 17, 1917
Mar. 1, 1917—HANCHETT PARK near San Jose. Mabel M Schellbach to D H Main.....Feb. 28, 1917
Mar. 3, 1917—LOT 13 BLK 12 Sunnyvale. W C Theller to George D Huston.....Feb. 28, 1917
Mar. 5, 1917—CAMPBELL. Campbell School Trustees to E L Wolfe..... .....Feb 20, 1917
Marr. 5, 1917 -LOT 2 BLK 1 Range 6 North of base line, San Jose. J A Lotz to Frank T Edmans..... .....March 5, 1917
Mar. 7, 1917—N-FOURTEENTH bet. St. John and St. James, San Jose. Thomas Nortridge to whom it may concern.....March 2, 1917
Mar. 7, 1917—STANFORD CAMPUS, Palo Alto. Stanford University to Collman & Duncan.....Feb. 28, 1917

BUILDING CONTRACTS

SAN MATEO COUNTY.

APARTMENTS, ETC.
FIRST AVE AND C ST., being Ptn Blk 4, Town of San Mateo. All work for two-story store building with living apartments on 2nd floor.
Owner.....Salvatore and Sebastiano and Paolo Giansiracusa, San Mateo.
Architect ...None.
Contractor..Wisnom Co., San Mateo.
Filed Mar. 10, '17. Dated Mar. 10, '17.
Payments secured by a note and mortgage on property above mentioned .....
TOTAL COST, $4500
Bond, none. Limit, May 15, 1917. Forfeit, none. Plans and specifications filed.

ALTERATIONS
ISABELLA AVE., Atherton. All work for alterations to two-story residence and garage.
Owner.....Carl Raiss, 429 California St., S. F. and Atherton.
Architect ...Charles A. Haber, Monadnock Bldg., S. F.
Contractor..Thomas Elam & Son, 180 Jessie, San Francisco.
Filed Mar. 13, '17. Dated Mar 10, '17.
Foundation and rough frame completed $1700
When plastered 1700
When completed 1700
Usual 35 days..... 1750
TOTAL COST, $6850
Bond, $3425. Surety, Guardian Casualty & Guaranty Co. Limit, 55 days. Forfeit, $10. Plans and specifications filed.

FRAME RESIDENCE
LOT 2 BLK 12 SBDVN NO. 2 of Burlingame Park, Burlingame. All work for two story frame residence.
Owner.....Mrs. John Gillespie.
Architect ...Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor..Fred Warden, 251 Sussex.
Filed Mar. 13, '17. Dated Mar. 10, '17.
Framed and roofed.....$ 800.00
When plastered 1400.00
When completed 2247.50
Usual 35 days..... 1482.50
TOTAL COST, $5930.00
Bond, $2965. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame $5,000. Richmond, Contra Costa Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. F. Brooks. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

OFFICE—2 story, reinforced concrete. Cost not stated. South Vallejo, Solano Co., Cal. Engineer, Maurice Couchot, 110 Sutter street, S. F. Owners, Sperry Flour Co. Will cover an area of 140 by 186 feet. Plans complete and figures being taken.

BRIDGE—Steel and reinforced concrete, $150,000. Rio Vista, Solano Co., Cal. Engineers. Strauss Bascule Bridge Co., Chicago, Ill. Owners, Sacramento and Solano Counties. Word has been received here that plans and specifications for the proposed bridge across the Sacramento River at Rio Vista have received the approval of the War Department, which has issued a permit for its construction. The structure is to be constructed jointly by Sacramento and Solano Counties. Plans provide for a structure of the bascule type.

CHURCH—1 story and base, brick or reinforced concrete, $20,000. Vallejo, Solano Co., Cal. Architect, L. M. Turton, Napa. Owners, Vallejo Methodist Church. Location, Virginia street. Will contain auditorium, Sunday school rooms and social halls. Plans are being prepared.

LODGE HALL REPAIRS—3 story and base. Class C construction, $10,000. Petaluma, Sonoma Co., Cal. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Petaluma Masonic Hall Association. Work will consist of repairs to fire damage on the first and second floors. Plans are being prepared.

GARAGE—1 story and base, brick, $9,000. Richmond, Contra Costa Co., Cal. Architect, none. Owners, Harrison B. Wood Auto Sales Co. Location, 15th and Macdonald avenue, covering an area of 50 by 108 feet. Plans being prepared.

STORE ADDITION—1 story, brick. Cost not stated. Petaluma, Sonoma Co. Cal. Architect, Brainard Jones, Petaluma. Owner, G. P. McNear. Location, east Third street between B and C, covering an arrea of 60 by 120 feet. Plans are being prepared.

BUILDING CONTRACTS

MARIN COUNTY.

FRAME STORES, ETC.
ROSS, Marin County. Carpenter work, etc., for two-story frame stores and apartments.
Owner.....Ross Invst. Co., Ross, Cal.
Architect ...Schirmer-Bugbee Co., 319 Dalziel Bldg., Oakland.
Contractor..Wm. H. Dwyer, San Anselmo, Cal.
Filed Mar. 13, '17. Dated Mar. 5, '17.
Frame up $2207
When plastered 2207
When completed 2207
Usual 35 days..... 2207
TOTAL COST, $8828.85
Bond, $4500. Sureties, Arthur M. Blade and H. M. Kuhn. Limit, forfeit, none. Plans and specifications filed.

FRAME COTTAGE
SAN RAFAEL. Carpenter work, etc., for two-story frame cottage.
Owner.....F. B. Anderson Bank of California, San Francisco.
Architect ...Albert Farr 68 Post, S. F.
Contractor..E. E. Ellingson, San Anselmo, Cal.
Filed Mar. 13, '17. Dated Mar. 13, '17.
The contractor shall upon the 12th and 27th days of each month file with the Architect the value of all materials installed & moneys expended, etc. .....
The owner to file completion 35 days after acceptance.....
TOTAL COST, $6735
Bond, $3367.50. Surety, American Indemnity Co. Limit, 70 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
TOCALOMA, Marin Co. House moving, foundation work, carpenter work, etc., for alterations and additions to cottages.
Owner.....I. and Caesar Ronchi, Tocaloma, Cal.
Architect ..None.
Contractor..A. H. Pritchard, Mill Valley
Filed Mar. 13, '17. Dated Mar. 10, '17.
Houses moved $650
Enclosed 650
Completed 650
Usual 35 days..... 650
TOTAL COST, $2600
Bond, $650. Sureties, A. Muntz and David Craelius. Limit, 40 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Marr. 10, 1917—SAN ANSELMO. S W Soderblom to Wallace & Lampher .....March 9, 1917

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME COTTAGE
W SEVENTH ST., ner Lincoln, Richmond. Frame cottage.
Owner.....Mrs. Frank Porter, Cor. 5th and Lucas Sts., Richmond.
Architect ...None.
Contractor..E. Rolf, 1008 Chanslor Ave., Richmond.
COST, $1000

BRICK STORE
MACDONALD AVE., bet 9th and 10th Sts., Richmond. Brick store and flat.
Owner.....W. A. Jones, 905 Macdonald Ave., Richmond.
Architect ...J. T. Narbett, 906 Macdonald Ave., Richmond.
Day's work. COST, $5500

CONCRETE WAREHOUSE
WINE HAVEN, Richmond. Reinforced concrete warehouse.

Owner. California Wine Association, Wine Haven, Cal.
Architect ..J. H. Power, 406 Montgomery, S. F.
Contractor. J. Biller, 406 Montgomery, San Francisco.
COST, $15,000

COTTAGES
WINE HAVEN, Richmond, Cal. Eleven cottages.
Owner..... California Wine Association, Wine Haven, Cal.
Architect .. J. H. Power, 406 Montgomery, S. F.
Contractor. J. Biller, 406 Montgomery, San Francisco.
COST, $15,000

FRAME BUILDING
E SIDE SOUTHERN PACIFIC TRACKS adjoining South Side of Tilden Lumber Company's office, Richmond. All work for one-story frame building.
Owner.....Hunt-Hatch Co., Shattuck Ave & Parker, Berkeley.
Architect ...Chas. W. McCall Central Bank Bldg., Oakland.
Contractor..Edward Strowbridge, 161 3rd St., Richmond.
Filed Mar. 6, '17. Dated Mar. 3, '17.
Frame up and roof on.....$926.00
All completed 977.40
Usual 35 days..... 650.00
TOTAL COST, $2553.40
Bond, $1278. Sureties, E. M. Tilden and J. R. Pellow. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

TANKS
AT COMPANY'S PLANT AT AVON. All work for two water seal top steel run tanks of 7,000 bbls. capacity each.
Owner.....Associated Oil Co., Sharon Bldg., S. F. and Avon.
Engineer ...A. F. L. Bell, Sharon Bldg., San Francisco.
Contractor..Western Pipe & Steel Co., 444 Market, San Francisco.
Filed Mar. 6, '17. Dated Feb. 26, '17.
10 days after steel and other materials have been delivered.... 50%
On completion 25%
Usual 35 days..... 25%
TOTAL COST, $15,700
Bond, $15,700. Surety, Guardian Casualty & Guaranty Co. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

BRICK BUILDING
LOT 21 BLK 69 City of Richmond. All work for one-story brick building.
Owner.....C. M. Wiggin, 341 Perry, Oakland.
Architect ...J. B. Ogborn, 821 Bissell, Richmond.
Contractor..Carl Overaa, 1808 Roosevelt Ave., Richmond.
Filed Mar. 9, '17. Dated Mar. 13, '17.
2nd floor joists placed.....$798.75
Brown coat plaster completed. 798.75
Completed and accepted.... 798.75
Usual 35 days..... 798.75
TOTAL COST, $3195.00
Bond, $1597. Surety, National Surety Co. of New York. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
ON MALTBY RANCH, Concord, Cal. All work for alterations to residence
Owner. ... A. W. Maltby, Bay Point Road, Concord, Cal.
Architect ...Albert Farr, 68 Post, S. F.
Contractor. L. V. Petty, Collax near Contra Costa, Concord.
Filed Mar. 7, '17. Dated Mar. 6, '17.
To be paid on percentage.
TOTAL COST, $7040
Bond, none. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STREET PAVING, ETC.—Cost not stated. Merced, Merced Co., Cal. Engineer, City Engineer, Merced. Owners, City of Merced. The City Trustees have ordered bids for paving work to be called, the same to close on April 2nd at 8 p. m. The streets and alleys to be paved are as follows: Streets O, from 16th to 22nd; Alameda or K, from 19th to 24th; J, from 19th to 21st, 22nd from M to O. Alleys 16th, 17th and 18th, from J to O; 19th, from K to O; 20th, from I to O; 21st, from G to O; 22nd, from K to N. Plans and further information may be had from the City Clerk.

ELECTROLIER SYSTEM—Cost not stated. Lemoore, Kings Co., Cal. Engineer, City Engineer, Lemoore. Owners, City of Lemoore. The City Trustees are considering the installation of an electrolier system. It is planned to have the system run the full length of D street, which will include that portion of the Sierra-to-the-Sea highway within the Lemoore city limits.

STORM WATER SEWERS—Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be opened on April 2nd at 5 p. m. for the construction of a storm sewer system for the city of Fresno, excepting therefrom that portion of said sewer between the northeast line of Van Ness avenue and the intersection of the center line of Inyo street with the center line of L street, and from said intersection of the center line of Inyo street with the center line of L street to the northwest line of Inyo street, together with the manhole situate at the said intersection of said center line of L street, and for furnishing the labor and materials therefor.

STREET IMPROVEMENTS — Cost as follows. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Bids for paving alley in block 423-D, between Truxtun avenue and 17th street, between C and D streets, have been opened by the City Council and the bid of Thompson Bros., 1512 H street, Fresno, was accepted. The contract was awarded at a rate of 14.5c per square foot for grading and paving; 17.5c per square foot for concrete gutter, and 35c per linear foot for 14-inch concrete curb.

STREET IMPROVEMENT—Cost as follows. Sanger Fresno Co., Cal. Engineer, City Engineer, Sanger. Owners, City of Sanger. Kauffiled & Tompkins were the successful bidders for the improvement of 10 blocks of streets in Sanger. The price was 3c per square foot for the grading, oiling and laying of the sidewalk approaches and 32c per linear foot for the curbing.

STREET PAVING—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. At the last meeting of the City Council, the City Clerk was instructed to advertise for bids on [illegible] opened at the meeting of the Council to be held March [illegible].

NEWSPAPER PLANT [illegible] brick. Cost not stated. [illegible] Fresno Co., Cal. Architect [illegible] owners not given. Owners Echo de Local Publishing Co., located in Fresno Herald [illegible] tion, northwest L and Inyo streets, covering an area of 100 by 80 feet. Plans are being prepared.

GARAGE—1 story and base brick, $5,000. Reedley, Fresno Co., Cal. Architect, none. Owners, Marlar & Eymann, Reedley. Location, [illegible] street, covering an area of 50 by 100 feet. Plans complete and work to be done by Day Labor.

FACTORY—2 story and base, brick, $25,000. Reedley, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, California Peach Growers' Association. Will cover an area of 140 by 90 feet. Plans complete and work being figured.

WATER MAINS—Cost not stated. Hanford, Kings Co., Cal. Engineer, City Engineer, Hanford. Owners, City of Hanford. On recommendation of City Engineer Edward N. Lynch, the City Trustees will shortly issue a call for bids for furnishing pipe to be used in connection with the improvements to the fire main system. It was agreed that Class C pipe should be adopted for the mains in Redington, Irwin, Harris and Douty streets. This type is capable of withstanding a pressure of 130 pounds under normal circumstances and is strong enough to withstand 150 pound pressure in emergency.

RESIDENCES—30, 1 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, none. Owners, Fresno Home Builders. Location, Palm Villa Tract. Each house will contain six rooms, bath and sleeping porch. Plans are being prepared.

BANK AND STORE—1 story and base, brick, $20,000. Sanger, Fresno Co., Cal. Architect, Charles H. Franklin, Fresno. Owners, Coblent Bros. Will cover an area of 100 by 100 feet. Plans are being prepared.

SCHOOL AUDITORIUM — 1 story, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. Location, B and Mono streets. Plans complete and figures to be opened on March 30th.

THEATRE—2 story and base, steel and concrete, $125,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Einstein Investment Co. Location, Van Ness avenue near Rowell Bldg., covering an area of 75 by 150 feet. Will have a seating capacity of 2,000 people. Plans are being prepared.

Contract Awarded.

HIGHWAY WORK ETC. Cost as follows. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contracts for highway construction, reinforced concrete bridges and inverted siphons totaling $522,802 were awarded by the Board of Supervisors under bids opened at the March 13th meeting. Following is a complete list [illegible] as made:

Glendora Road (7.483 miles)—Awarded to McGillivray [illegible] Capitol National Bank Bldg., Sacramento, proposition 1, $1.30, 2, $66,975 [illegible].

[illegible] Awarded to Pent [illegible] Central Bldg., Los Angeles, proposition [illegible], $1,40[illegible] 2, $[illegible], $[illegible].

Waterford Road Section [illegible] (7.771 miles)—Awarded to Wells & Gaskill, Long Beach, proposition [illegible], $1,50[illegible], 2, $[illegible].

Newman-Westley Road Section A (4.064 miles)—Awarded to Mesmer-Rice Co., Marsh-Strong Bldg., Los Angeles, proposition 1, $1.75; 2, $2.00; 3, $[illegible]; 4, $[illegible]; 5, $1,2[illegible].50c.

Crows Landing and Grayson Road (9.111 miles)—Awarded to Bates-Borland & Ayer, Oakland Bank of Savings, Oakland, proposition 1, $1.50; 2, $1.50; 3, $1[illegible],617; 4, $[illegible].

Denair and Irwin City Road (2.208 miles)—Bids continued until Wednesday, March 14th at 10 a. m.

Sixteen Inverted Siphons—Awarded to Louis W. Larson, Turlock, proposition 1, $1,320; 2, $1,980; 3, $660; 4, $1,320.

Three Flat Slab Bridges—Awarded to C. E. Cotton, 16 California street, San Francisco, proposition 1, $1,325; 2, $1,358; 3, $2,390.

Littlejohn Bridge—Reinforced concrete bridge over Littlejohn Creek continued.

BUILDING CONTRACTS

FRESNO COUNTY.

DWELLING
ONE-HALF LOTS 2 AND 3 BLK 3 Buena Vista Addition, Fresno. Dwlg.
Owner....Ed Temple, 618 Central Ave., Fresno.
Architect ...None.
Contractor..J. B. Temple, 635 Central Ave., Fresno.
COST, $1800

DWELLINGS
LOTS 17 TO 20, Fresno. Two dwellings.
Owner.....Mrs. A. D. Grossmiller.
Architect ...None.
Contractor..S. L. Allen, 3404 Elmonte St., Fresno.
COST, $3500

DWELLING
LOTS 3 AND 4 BLK 6 Markley-Vincent Tract, Fresno. Dwelling.
Owner.....Floyd C. Lynn, 1933 Mariposa St., Fresno.
Architect ...None.
Contractor..J. G. Carlsen.
COST, $2000

DWELLING
LOT 14 15½ LOT 16 BLK 3, Sunset Addition, Fresno. Dwelling and garage.
Owner.....E. C. White, 415 Van Ness, Fresno.
Architect ...None.
Contractor..R. C. Blackwell, 1556 Central St., Fresno.
COST, $5850

LOTS 37 TO 40 BLK 56, [illegible] of Hill Addition, Fresno. Building.
Owner.....Geo. V. Martin, 1002 T St., Fresno.
Architect ...None.
Contractor..A. D. Wilkins, 264 Ivy St., Fresno.
COST, $1500

BRICK WAREHOUSE
LOTS 13 AND 14 BLK [illegible] Fresno. All work for one-story and balcony brick warehouse.
Owner.....Pacific Gas & Electric Co., J & Tuolumne Sts., Fresno.
Architect ...Coates & Traver, Rowell Bldg., Fresno.
Contractor..W. D. Trewhitt & H. W. Shields, Rowell Bldg., Fresno.
Filed Mar. 14, '17. Dated Mar. 9, '17.
Brick work completed and roof framed $1000.00
Upon completion 1062.62
Usual 35 days 687.50
TOTAL COST, $2752.00
Bond, $1400. Surety, Maryland Casualty Co. Limit, 35 working days. Forfeit, $10. Plans and specifications filed.

BRICK GARAGE
W 48 FEET LOTS 12 AND 13 BLK 49, Fresno. All work for one-story brick garage.
Owner.....Pacific Gas & Electric Co., J & Tuolumne St., Fresno.
Architect ...Coates & Traver, Rowell Bldg., Fresno.
Contractor..W. D. Trewhitt & H. W. Shields, Rowell Bldg., Fresno.
Filed Mar. 14, '17. Dated Mar. 9, '17.
Brick work completed and roof framed $900
Completed 900
Usual 35 days..... 600
TOTAL COST, $2400
Bond, $1200. Surety, Maryland Casualty Co. Limit, 35 working days. Forfeit, $10. Plans and specifications filed.

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
Mar. 12, 1917—LOT 1 BLK 1 Hartley Addition, Fresno. F C Paiva to whom it may concern...Feb. 22, 1917

LIENS FILED

FRESNO COUNTY.

RECORDED AMOUNT
Mar. 12, 1917—LOTS 17 AND 18 BLK 220, Fresno. Gea Scheidt vs Herbert F Brown.....$18

NOTICE OF NON-LIABILITY.

FRESNO COUNTY.

Mar. 9, 1917—E LAURIDSEN at Station 181 plus 17, Fresno. S P R R Company as to improvements on leased property .....

SACRAMENTO STOCKTON AND NORTHERN CALIFORNIA.

SIPHON — Reinforced concrete, $4,059.92. Stockton, San Joaquin Co., Cal. Engineer, City Engineer Stockton. Owners, City of Stockton. Plans have been approved by the City Council and bids will be called for immediately for placing a 20-inch iron siphon across the Smith Canal. Bids received for this work opened recently were rejected as being too high.

HIGHWAY CONSTRUCTION — Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. Bids will be opened on April 3rd at 10 a. m. for improvement work on the Farmington road, from its intersection with the Mariposa road east to the Santa Fee Raiload crossing, a distance of approximately 3,412 feet.

OUTFALL SEWERS—Cost as follows. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. At a cost of about $56,621.99 big outfall sewers are to be laid by this city. Plans and specifications were introduced by the City Council for the work at their last session. They provide for 13,020 feet of 36-inch redwood stave sewer pipe and 4,614 feet of vitrified sewer pipe. There will be an outfall sewer extending to the river from the north side of the city and one from the south side. Three and a half miles of sewer pipe will be laid in this work. Bids will be called for shortly.

ROAD IMPROVEMENT—Cost not stated. Sacramento, Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. County Surveyor Drury Butler presented plans and specifications for improvements of the Winding Way road, which covers a distance of 1.2 miles. Bids will be asked for the work and it will be started as soon as the rainy season passes.

FLATS—2 story and base, frame, $3,000. Sacramento, Cal. Architect, none. Owner, Max Smith, 1116 4th street, Sacramento. Location, 2000 6th street. Will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

JAIL ALTERATIONS—Class C construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architects, Sala & Mayo, Stockton. Owners, San Joaquin County. Bids will be opened on April 3rd at 10 a. m. for remodeling and making certain alterations in the San Joaquin County Jail.

COURT HOUSE ALTERATION — Class C construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Franklin E. Warner, Stockton. Owners, San Joaquin County. Bids will be opened on April 3rd at 10 a. m. for converting the west entrance lobby of the San Joaquin County Court House into a court room for the Justice of Peace of Stockton Township.

FACTORY—2 story and base, brick, $30,000. Stockton, San Joaquin Co., Cal. Architect's name not given. Owners, Benham Ice Cream Co., H and Tuolumne streets, Fresno. Location, Oak and Aurora streets, covering an area of 60 by 120 feet. Plans complete and construction to be started at once.

HOSPITAL—2 story and base, reinforced concrete, $35,000. Chico, Butte Co., Cal. Architect, A. B. Bryan, Chico. Owners, Sisters Hospital. Will contain private rooms, wards, operating rooms and office. Plans are being prepared.

LODGE HALL—4 story and base. Class A construction, $30,000. Sacramento Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Hall Association. Location, 12th and J streets. Bids opened for the general construction show the Mathews Construction Co., Sacramento, low at $174,877. A complete list of these bids will be found under the heading of Bids Opened in this issue.

IRRIGATION PIPE—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. At the last meeting of the San Joaquin County Supervisors the purchasing agent was authorized to buy 6,200 feet of concrete irrigating pipe for additional acreage at the County Hospital.

SCHOOLS 1 and 2 story, frame and hollow tile, $30,000. Placerville, El Dorado Co., Cal. Architect, N. W. Sexton, Merchants' National Bank Bldg., S. F. Owners, Town of Placerville. E. E. Etherton, S. F., submitted the lowest bid for this work at $37,800. A contract will probably be awarded. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

Contract Awarded.

APARTMENT HOUSE AND STORES 2 story and base, brick, $16,000, Marysville, Yuba Co., Cal. Architects, Milwain Bros., Albany Block, Oakland. Owners, Ewell, Moors & Aaron, Marysville. Contractor, I. C. Evans, Marysville. Contract price, $16,000.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

FRAME DWELLING
NO. 2000 SIXTH ST., Sacramento. Two story frame dwelling (2 flats) five-rooms and bath.
Owner.....Max Smith, 1116 4th St., Sacramento.
Architect ...None.
Day's work. COST, $3600

ALTERATIONS
NO. 2208 V ST., Sacramento. Remodel dwelling.
Owner.....C. J. Nealis, Premises.
Architect ...None.
Contractor..W. R. Saunders, 2810 I St., Sacramento.
COST, $600

CLASS "A" OFFICE BLDG.
PTN LOTS 25 TO 29 BLK 83, Fresno. Elevator work for six-story and basement Class "A" office building.
Owner.....Florence E. M. Palmer.
Architect ...Eugene Mathewson, Cory Bldg., Sacramento.
Contractor..Otis Elevator Co., Beach and Stockton, S. F.
COST, $10,000

ALTERATIONS
NOS. 519-521 I ST., Sacramento. Build 2nd story to garage; 12 inch Denison tile and brick walls, present roof to be raised to 2nd story position
Owner.....Geo. Sellinger, 2131 L St., Sacramento.
Architect ...None.
Contractor..A. W. Norris, 3012 G St., Sacramento.
COST, $15,000

BRICK GARAGE
NO. 709 M ST., Sacramento. One-story brick garage.
Owner.....Graham & Lamus, 1217 7th St., Sacramento.
Architect ...None.
Contractor..Siller Bros., 1614 13th St., Sacramento.
COST, $950

COMPLETION NOTICES

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Mar. 12, 1917—HOTEL LAND LOT 4 and E 50 feet Lot 3 Blk K, L, 9th and 10th Sts., Sacramento. Nettie E Evans to Palm Iron & Bridge Works, March 9; Latourette-Fical Co, March 9; W P Fuller & Co....March 9, 1917
Mar. 13, 1917—LOTS 5 AND 6, 26th, [illegible] and P Sts., Sacramento. Ruby I Fitzpatrick to R M Smith .....March 13, 19

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

FRAME RESIDENCE
LOT N BLK 7 Rosedale Shdyn, Tract Cal. All work for frame residence.
Owner.. J. B. Wolf, 1105 Sacramento St., Stockton
Architect ...None.
Contractor..O. Phillips.
Filed Mar. 9, '17. Dated Feb. 27, '17.
Payments not given .....
TOTAL COST, $[illegible]
Bond, $1000. Surety, Winfield Boggert. Limit, forfeit, none. Plans and specifications filed

CLASS "C" APARTMENTS
NE COR. "B" 247 East on the W 40.4 feet N ½ Lot 5 and E 6.92 feet of N ½ Lot 3, Stockton. All excavating and grading work for three-story Class "C" apartment house.
Owner.....Mrs. Alinde Waldemeier, 15 E-Flora St., Stockton.
Architect ...Sala & Mayo, Commercial & Savings Bank Bldg., Stockton.
Contractor..Fredrickson Bros., Stockton.
Filed Mar. 10, '17. Dated Feb. 23, '17.
Each month 75%
Usual 35 days..... 25%
TOTAL COST, $838
Bond, $420. Sureties, M. P. Stein and F. C. Marks. Limit, 100 working days after signing all contracts. Forfeit, none. Plans and specifications filed.

BRICK WORK ON ABOVE.
Contractor..A. W. Cowell, 1231 N-Sutter St., Stockton.
Filed Mar. 10, '17. Dated Feb. 23, '17.
Payments same as above.....
TOTAL COST, $3100
Bond, $1550. Sureties, I. F. Stein and T. D. Lewis. Limit, forfeit, none. Plans and specifications filed.

MILL WORK ON ABOVE.
Contractor..Elves Totten, 9 E-Channel St., Stockton.
Filed Mar. 10, '17. Dated Feb. 23, '17.
Payments same as above.....
TOTAL COST, $2675
Bond, $1400. Sureties, W. J. Buchanan and G. Todari. Limit, forfeit, none. Plans and specifications filed.

IRON AND STEEL WORK ON ABOVE.
Contractor..George J. Sartorius.
Filed Mar. 10, '17. Dated Feb. 23, '17.
Payments same as above.....
TOTAL COST, $71[illegible]
[illegible] Surety Hartford Accident & Indemnity Co, Hartford, Conn. Limit none. Plans and specifications filed.

PAINTING ON ABOVE.
Contractor D. E. Burgess, 1250 N-Sierra Nevada, Stockton
Filed Mar. 10, '17. Dated Feb. 23, '17.
TOTAL COST, $448
Bond, $225. Sureties, Carl Nelson and D. E. Burgess. Limit, forfeit, none. Plans and specifications filed.

ELECTRICAL WIRING AND INSTALLATION on above.
Contractor Electrical Eng. & Supply Co., 340 E-Market, Stockton
Filed Mar. 10, '17. Dated Feb. 23, '17.
Payments same as above.....
TOTAL COST, $618
Bond, limit, forfeit, none. Plans and specifications filed.

PLASTERING AND LATHING ON above.
Contractor..Joseph Chirhart, 1048 N-Sierra Nevada St., Stockton
Filed Mar. 10, '17. Dated Feb. 23, '17.
TOTAL COST, $825
Bond, $415. Sureties, Tom Scally and A. J. McPhee. Limit, forfeit, none. Plans and specifications filed.

ALL PLUMBING AND FIXTURES ON above.
Contractor..The Miller-Hays Co., 125 N-California St., Stockton.
Filed Mar. 10, '17. Dated Feb. 23, '17.
Payments same as above.....
TOTAL COST, $2845
Bond, $1424. Sureties, J. H. Nash and Jacob H. Miller. Limit, forfeit, none. Plans and specifications filed.

SHEET METAL WORK ON ABOVE.
Contractor..A. J. Veregge, 229 E-Anderson, Stockton..
Filed Mar. 10, '17. Dated Feb. 23, '17.
Payments same as above.....
TOTAL COST, $235.50
Bond, limit, forfeit, none. Plans and specifications filed.
ROOFING AND COUNTERPLASTER on above.
Contractor..H. W. Johns-Manville Co., San Francisco.
Filed Mar. 10, '17. Dated Feb. 23, '17.
On acceptance $106.50
TOTAL COST, $106.50
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
EL DORADO AND ELM STS., Stockton. One and one-half-story and basement frame residence.
Owner.....E. G. Gall.
Architect ...Ralph P. Morrell, I. O. O. F. Bldg., Stockton.

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

Contractor..A J. McPhee, 316 N-California St., Stockton.
COST, $3500

FRAME FLATS
STOCKTON. Two-story and basement frame (4) flats
Owner.....Miss Louise Higuera.
Architect ...Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor..A J. McPhee, 316 N-California St., Stockton.
COST, $5557

REPAIRS
COR. DELLA AND MARKET STS., Stockton. Repair frame building.
Owner.....Walter and Hattie Sanborn.
Architect ...None.
Day's work. COST, $500

FRAME BUILDING
HOMEQUIST ADDITION, Stockton. Frame building.
Owner.....H. Hanson.
Architect ...None.
Day's work. COST, $1000

FRAME DWELLING
WASHINGTON ST., bet Stanislaus and Grant Sts., Stockton. Frame building.
Owner.....Marengo & Armanino.
Architect ...None.
Day's work. COST, $15,300

FRAME DWELLING
GRANT ST., bet. Washington and Lafayette Sts., Stockton. Frame bldg.
Owner.....Marengo & Armanino.
Architect ...None.
Days work. COST, $9200

FAME BUILDING
SONORA ST., bet. American and Stanislaus Sts., Stockton. Frame bldg.
Owner.....Max Cohn, 219 S-Sutter St., Stockton.
Architect ...None.
Day's work. COST, $2500

FRAME DWELLING
VILLA ADDITION, Stockton. Frame dwelling.
Owner.....C. Orange, Stockton.
Architect ...None.
Day's work. COST, $1500

ALTERATIONS
COR. MARKET AND UNION STS., Stockton. Remodel frame dwelling.
Owner.....A. Malino.
Architect ...None.
Day's work. COST, $2000

FRAME DWELLING
COR. POPLAR & OPHIR STS., Stockton. Frame building.
Owner.....Eliz and Clarence Clanous.
Architect ...None.
Day's work. COST, $2000

COMPLETION NOTICES

SAN JOAQUIN COUNTY.

RECORDED ACCEPTED
Mar. 1, 1917—LOT 1 BLK 91 S of M. Stockton. C J Ryland et al to H E Vickroy..... Feb. 28, 1917

LOS ANGELES AND SOUTHERN CALIFORNIA.

ROAD GRADER—Cost not stated. Fullerton, Orange Co., Cal. Engineer, City Engineer, Fullerton. Owners, City of Fullerton. Bids will be received by the City Clerk up to 5 p. m. of March 27, 1917, for furnishing a heavy road grader. Bidders must submit specifications. Certified check for 10 per cent required. F. C. Hezmalhalch is the City Clerk.

STREET PAVING—Cost as follows: Douglass, Ariz. Engineer, City Engineer, Douglas. Owners, City of Douglas. The S. C. Contracting Co. of Los Angeles, Washington Bldg., was the lowest bidder at a total of about $320,000 for paving five streets under the State bond act. The bid was on Topeka wearing surface. The aggregate of the five contracts is about 140,000 square yards. Other bids were: Roger Bros., Los Angeles, $390,000. Warren Bros., Los Angeles (Warrenite pavement), $430,000. O. & C. Construction Co., $450,000. Bids were taken under advisement.

Contract Awarded.

STORES AND LOFTS—4 story and base. Class A construction, $300,000. Los Angeles, Cal. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owners, Seventh Street Development Co. Contractors, J. C. Kubach Co., Merchants' National Bank Bldg., L. A. Contract price, $300,000.

PORTLAND AND OREGON.

STORES AND LOFT—2 story and base, brick, $20,000. Salem, Ore. Architect, George M. Post, Salem. Owner, Mr. Steusloff. Will cover an area of 55 by 90 feet and contain one store and lofts. Plans are being prepared.

FACTORY—3 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, F. Manson White, Chamber of Commerce Bldg., Portland. Owners, Frei Pickle Works. Will cover an area of 75 by 140 feet. Plans complete and figures being taken.

HOSPITAL ADDITION WING — 2 story and base, reinforced concrete, $50,000. Salem, Ore. Architect, Edgar M. Lazarus, Portland. Owners, State of Oregon. Will contain private rooms, wards and offices. Plans are being prepared.

SEATTLE AND WASHINGTON.

BRIDGES—Reinforced concrete. Cost not stated. Chehalis, Wash. Engineer, County Surveyor, Chehalis. Owners, Lewis County. Bids will be received by the Lewis County Commissioners, Bertha Gage, County Auditor, Chehalis, Wash., until April 2nd for the construction of two bridges, one a 90-foot, reinforced concrete span over the Skoopumchuck River near Centralia, and the other a 100-foot steel span on tubular piers near Forest, Wash. Plans may be had of County Engineer J. D. Neville.

APARTMENT HOUSE—5 story and base, brick and steel, $100,000. Seattle, Wash. Architect, B. Dudley Stuart, Securities Bldg., Seattle. Owners, Anderson Investment Co., Seattle. Location, northwest Denny Way and 5th street, covering an area of 60 by 113 feet. Will contain 60 suites of two and three rooms. Plans complete and figures to be called for at once.

APARTMENT HOUSE—3 story and base, brick and steel, $45,000. Seattle, Wash. Architect, B. Dudley Stuart, Securities Bldg., Seattle. Owners, Anderson Investment Co. Location, 4th avenue and Vine street, covering an area of 50 by 108 feet. Will contain 35 suites of two and three rooms. Plans being prepared.

NEWSPAPER PLANT AND OFFICES—6 story and base. Class A construction, $250,000. Spokane, Wash. Architect, K. K. Cutter, Spokane. Owners, Spokane Spokesman-Review. Will cover an area of 90 by 100 feet. Complete steel frame. Plans are being prepared.

STORAGE PLANT—3 story and base, reinforced concrete. Cost not stated. Selah, Wash. Architect, J. C. Corbin, American Bank Bldg., Seattle. Owners, Selah Fruit and Cold Storage Co. Will cover an area of 100 by 120 feet. Plans complete and figures being taken.

HOTEL—3 story and base, brick, $150,000. Seattle, Wash. Architects, Heath & Gove, National Realty Bldg., Seattle. Owner, Charles Murray. Location, shore of Lake Steilaccon. Will contain 200 rooms. Preliminary plans are being prepared.

THEATRE—2 story and base. Class A construction, $100,000. Spokane, Wash. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owner, Alex Pantages. Will have a seating capacity of 1,800 people. Preliminary plans are being prepared.

Contract Awarded.

DEPARTMENT STORE—4 story and base. Class A construction, $400,000. Spokane, Wash. Architect, L. L. Rand, Spokane. Owners, Crescent Department Store Co. Contractors, Porter Bros., Spokane. Contract price, $400,000.

AMADOR WILL PAY FOR HIGHWAY SURVEY.

JACKSON, Amador Co., Cal.—The Supervisors have passed a resolution to the effect that the expense of surveying the State Highway lateral from Herold to Jackson be paid out of the $5,000 set aside by the county to repair and construct the road.

Since the money was set aside the road has been designated as a State Highway lateral and the county contractors have been taken off the job.

AUTHORIZATION FOR LOAN TO COLOMBIAN GOVERNMENT.

The Congress of Colombia has authorized the Government to contract a loan for a sum not to exceed $15,000,000 gold, to be used for the sanitation of Colombian seaports and for other public works of an urgent nature. This authorization, as published in the Diario Oficail of December 23, provides for the security of the loan by the proceeds of the national salt works, and by other revenues not already assigned to other purposes. The terms of interest and amortization are to be arranged by the Government, but the privilege of liquidating the loan at any time is reserved. Provision is made for the appointment of a fiscal commission of three members elected by the House of Representatives. The members of this commission will not draw salary, unless they should be sent by the Government to a foreign country in connection with the negotiations for a loan.

CITY BIDS OPENED.

Western Motor Draying Company Low for Extension of Municipal Railroad to Sixteenth and Church Streets.

Bids opened by the San Francisco Board of Public Works for the construction of the Municipal Railroad extension from Van Ness and Market to Sixteenth and Church streets show the Western Motor Draying Co. 1444 Church street, low at approximately $74,431.30. Following is a complete list of the bids submitted on the various propositions:

Item	Eaton & Smith	Tibbitts Pac. Co.	F. O'Shea	W. M. Draying Co.	J. Grace
1.	$5.00	$5.85	$5.50	$5.50	$5.85
2.	2.77	2.83	2.70	2.55	2.97
3.	200.00	300.00	250.00	550.00	453.39
4.	143.00	475.00	450.00	325.00	388.47
5.	143.00	550.00	450.00	325.00	388.47
6.	143.00	575.00	450.00	325.00	388.47
7.	143.00	500.00	450.00	325.00	388.47
8.	143.00	500.00	450.00	325.00	388.47
9.	75.00	300.00	250.00	200.00	220.94
10.	450.00	1200.00	1100.00	1100.00	1686.16
11.	600.00	2100.00	2300.00	1750.00	3787.69
12.	2.00	1.86	1.50	1.50	1.71
13.	.13	.17	.14	.12	.12
14.	.50	.46	.25	.20	.32
15.	1.00	.51	.65	.30	.69
16.	1.25	.51	.75	1.10	.79
17.	125.00	100.00	85.00	80.00	85.64
18.	150.00	170.00	115.00	100.00	104.54
19.	.75	.135	.30	.15	.29
20.	.198	.202	.20	.17	.208
21.	.37	.563	.52	.51	.57
22.	.12	.09	.10	.09½	.104
23.	.20	.17	.15	.12	.17
24.	.09	.11	.13	.10	.12
25.	.15	.08	.07	.10	.10
26.	1500.00	1100.00	500.00	850.00	1546.10
27.	1000.00	500.00	300.00	325.00	373.00
28.	1.71	.58	1.75	1.84	1.87
29.	3.30	3.70	3.50	3.48	3.80
30.	.51	1.92	.60	.548	.59

ADDITIONAL BIDS FOR SACRAMENTO TEMPLE.

Bids for General Construction of Masonic Temple Show Mathews Construction Company Low.

SACRAMENTO, Cal., March 13th, 1917.—A number of bids were received by the Building Committee of the Sacramento Masonic Temple Association at their meeting today for the general construction of the four-story Class "A" building to be erected at the corner of 12th and J streets.

Mathews Construction Co., Sacramento, presented the lowest figure at $174,874. Bids were opened on February 25th for the structural steel work on the same building and showed Palm Iron & Bridge Works of Sacramento low at $65,147. Bids were also opened on the same date for the concrete piling. The Ross Construction Co., also of Sacramento, presented the low figure for this work at $6,590. All bids have been taken under advisement.

Plans were prepared by Architect R. A. Herold, Forum Bldg., Sacramento. Following is a complete list of the bids received for the general construction:

General Construction.

Mathews Constr. Co., Sacramento $174,877
Howard S. Williams, S. F..... 184,300
Murcell & Co., Sacramento..... 185,984
Lindgren & Co., S. F..... 188,800
Palmer & Peterson, S. F..... 189,800
McGillvray Constr. Co., Sacramento 190,000
Tiechert & Ambrose, Sacramento 190,970
Siller Bros., Sacramento..... 195,000
W. C. Keating, Sacramento.... 204,000
Harvey A. Klyce, S. F..... 214,100

BIDS OPENED FOR TWO PLACERVILLE SCHOOLS.

Bids For Uppertown and Lowertown Schools Designed by Architect N. W Sexton Taken Under Advisement.

PLACERVILLE, El Dorado Co., Cal., March 15th, 1917.—Bids were opened at 7:30 tonight by the Board of Education for the construction of two new school buildings, designed by Architect N. W Sexton, Merchants National Bank Bldg., San Francisco. Construction will be of hollow tile and frame and plaster. A complete list of the bids received follows:

Placerville Schools.

E. E. Etherton, San Francisco, Uppertown School, $6,500. Both, $37,800.

T. A. McDougall, Lowertown School, $44,250 Uppertown, $6,[illegible]

Tiechert & Ambrose. Both buildings, $39,688 (Probably bid meant for Lowertown School.)

T. Cote, Lowertown School [illegible] construction, $36,665.90.

Heating.

Thomas J. Kennedy, Martinez $[illegible] oil, $3,151.

John J. Collins $[illegible] oil $[illegible]

Electric Work.

[illegible] Charles Plackey [illegible] $600. Uppertown School $[illegible]

Roofing.

H. W. Johns-Manville Co. Lowertown School, $1,276.

All bids were taken under [illegible]

HARBOR COMMISSIONERS OPEN BIDS.

Three Figures Received for Furnishing Steel Rolling Doors for Pier No. 29.

Kinnear Manufacturing Co. $[illegible]
U. S. Metal Products Co..... 13,925
C. Jorgensen & Co..... 11,925

LIMA WATER SYSTEM.

[Commercial Attache Wm. F. Montavon, Lima, Peru.]

In his annual report for 1916, the Alcalde of Lima treats with much detail of the necessity for the immediate improvement in the sanitary conditions of this city. He gives special importance to the problems of street paving and of water supply.

At its session of October 4, 1916, the Municipal Board of Lima adopted a resolution submitting to the National Congress of Peru a bill requesting authorization to contract a bonded indebtedness of $2,000,000, providing that the interest and sinking fund should not exceed 8 and 2 per cent, respectively, the purpose of this loan being to establish a new water system in Lima.

ALTURAS, Modoc Co., Cal.—Information has been received here that Western Pacific interests plan to purchase the Nevada-California-Oregon Railroad from Hackstaff, California, to Reno, Nevada.

The general offices and railroad shops of the latter line, it is planned, will be moved here.

NEW WATERWORKS FOR PERUVIAN CITIES.

The Peruvian cities of Ica, Pisco, and Chincha Alta are to have new waterworks systems, in accordance with a recent law promulgated in El Peruano. To finance this plan, an additional duty of 2 per cent is to be levied on all merchandise imported through the customhouse of Pisco, with the exception of imports in transit to the interior departments of Huancavelica, Ayacucho, and Apurimac. From the proceeds of this surtax, which will be imposed only until the completion of the project, 1½ per cent is to go to the city of Ica and one-half per cent to Pisco, and after the installation in both these cities is completed the entire proceeds will go to the city of Chincha Alta. The executive will call for bids on the installation of a waterworks system at Ica, and may negotiate a loan for the amount necessary, the interest and amortization of the loan to be met by an appropriation in the departmental budget of Ica, the customs surtax of 1½ per cent and the water tax paid by consumers. Estimates of the expense of installing water and sewer service in these cities

will be made by order of the executive. On the amortization of the loans the installations will become the property of the respective municipal councils.

PRACTICE IN AMERICAN CONSULAR COURTS IN CHINA.

[Inquiries have been received by the State Department of the United States regarding the proper method of procedure in China in controversies over commercial matters between American citizens and the people of that country. The reply of the State Department here presented gives a list of the American consular courts in China and the provisions of law governing such courts.]

Consuls of the United States are stationed in the following places in China: Amoy, Antung, Canton, Changsha, Chefoo, Chungking, Foochow, Hankow, Harbin, Mukden, Hanking, Shanghai, Swatow, and Tientsin. These consuls have jurisdiction in civil cases in which American citizens are defendants where the sum or value of the property involved in the controversy does not exceed $500 United States money. The United States Court for China, with headquarters at Shanghai, has exclusive jurisdiction in all civil cases in which American citizens are defendants except as above indicated (act of Congress June 30, 1916, creating the United States Court for China). This court holds sessions annually at Tientsin, Hankow, and Canton, and has authority to hold special sessions at any open city where such sitting seems advisable.

Provisions in Treaty with China.

The disposition of controversies arising in China between citizens of the United States and Chinese persons is provided for in Article IV of the treaty of 1880 between the United States and China as to commercial intercourse and judicial procedure, wherein "it is agreed between the Governments of the United States and China that such cases shall be tried by the proper official of the nationality of the defendant." This article also contains the following provisions.

The properly authorized officer of the plaintiff's nationality shall be freely permitted to attend the trial and shall be treated with the courtesy due to his position. He shall be granted all proper facilities for watching the proceedings in the interest of justice. If he so desires he shall have the right to present examine, and to cross-examine witnesses. If he is dissatisfied with the proceedings he shall be permitted to protest against them in detail. The law administered will be the law of the nationality of the officer trying the case.

In the foreign settlement at Shanghai there is established, for the decision of civil and commercial suits between the Chinese residents within the settlement, and also between Chinese and foreign residents in cases where Chinese are defendants, a "mixed court," presided over by an officer having the rank of subprefect, who decides, in cases in which Chinese are defendants, in accordance with Chinese law. By the rules of the court it is provided that in cases in which a foreigner is concerned a consul or his deputy shall sit with the subperfect on trial, and that suits between natives and foreigners shall be decided equitably and impartially and in accordance with the treaties. This so-called "mixed court" at Shanghai is simply a permanent court of the sort that may be constituted as provided by treaty in any city open to foreign trade.

AMERICAN ENTERPRISES IN THE ORIENT.

[Extract from Shanghai Times, forwarded by Consul General Thomas Sammons, Shanghai, China.]

A significant step has been taken during the past two years in establishing here and in the heart of China well-equipped branches of American concerns, and we may look forward, on the conclusion of peace, to far keener competition in the Orient than was ever experienced before. The American business man has certainly awakened to a realization of what China and the Chinese have to offer. We welcome the establishment of American business houses, and the advent of keen pioneers who come along to prospect the land, for the country is so vast and so undeveloped as to be able to absorb and accommodate all the capital and energy that the western nations as well as Japan can consecrate to China's development.

TO CALL COMPETITIVE PLANS FOR FIRE HOUSE.

FRESNO, Fresno Co., Cal.—On recommendation of Mayor Snow the Fresno City Trustees passed a resolution calling for competitive plans and specifications for the construction of a modern two-story fire house to replace the old fire house on Van Ness avenue near Mono street. The building will cost about $15,000, which amount is available.

MAGNESITE IN 1915.

The annual statement on Magnesite in 1915 is now available for distribution by the United States Geological Survey, Department of the Interior.

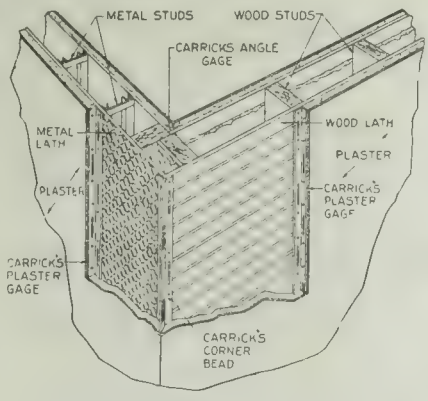
The Carrick Plaster-Gage.

Something New.

Carrick's Plaster-gage. Something new; True Plaster surfaces at last. No more skim coats of plastering.

The gage is a simple L shaped strip of metal secured to the lathing. The mortar must be of thickness sufficient to cover the gage.

The unsightly, uneven, and wavy walls and ceilings absolutely corrected by this simple device insuring a full thickness of brown mortar and a true finishing surface.



FOR DEAFENING it is indispensable as you are absolutely sure of a full coat of mortar, which is the real deafener.

This gage will also act as a stop where plastering has a tendency to crack, it can be used on any kind of wood or metal lath. Concrete, brick or tile walls can also be made to give any desired thickness of plastering.

Where this gage is used it is entirely unnecessary to have any three coat work on wood lath (as is customary in fine residences, etc.) thus saving one coat of brown mortar, it insures a full thickness of mortar, true aid straight surfaces, and a neat flush finish, especially against marble and tile work. It can be used around door and window openings where narrow casings are desired, to base, chair rails, etc., thus eliminating the wood grounds which have to be removed when coming in contact with marble or tile, causing unnecessary breakage to plastering and additional cost to repair.

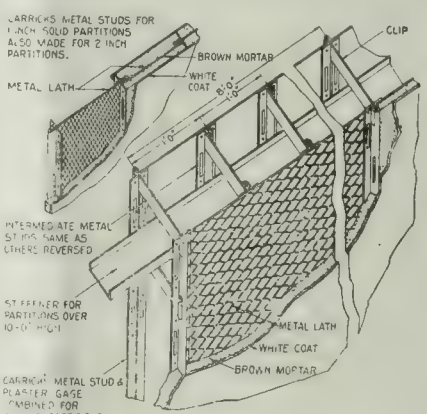
The Architect and Owner can always feel assured that they are getting value received when this strip is used, because it will compel every plasterer to give the specified thickness of plastering throughout the work, as the gage strip stands out prominently unless the brown mortar is flush with its outer edge. The finish coat is applied in the usual manner, thus concealing the gage strip.

This gage should be specified throughout the walls and ceilings about four feet centres.

This gage has been used on many buildings and is endorsed by many

LEADING ARCHITECTS.

They also manufacture an angle gage which eliminates the unsightly cracking of angles caused by shrinkage, also a metal corner bead which gives a sharp, true, well protected corner.



Their sheet iron stud for hollow or solid partitions is the lightest and most rigid stud on the market, it weighing but one-third as much as any other metal stud. It is so constructed that it forms a plaster gage as well. This stud is also used for 1" and 2" solid partitions and has a great advantage where only a limited space is available, such as closets, toilets, etc.

For any further information, phone or drop a line to 175 Jessie Street. Tel. Douglas 387.

The Sarsi Studios



A Conservatory Erected By Us In One Of The Mansions In Alameda County.

The Sarsi Studios, formerly on Oak Street, San Francisco, is now located at 361-363 Golden Gate Avenue, where a most comprehensive and instructive display room and studio has been installed.

Here will be found examples of antique and modern mantels in caen stone and artificial stone in endless variety as well as an endless display of garden furniture.

The various schools of design in mantels are displayed with appropriate setting, each mantel being in a room of its own. Here the Architect and the Owner can readily see the finished article as it will appear when fully installed.

The products of the Sarsi Studios will be found in many of the finer homes in California, and Builders have found that a Sarsi Studio Mantel is a distinct asset for the home; often being the means of selling the home for those who build to sell.

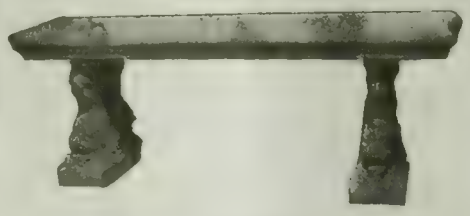
Mr. Sarsi has devoted a life time to his art, having studied abroad in the finest schools of Europe. There at the feet of the Masters of the ages he has drawn his inspiration. His service, experience, advice and art are at the disposal of those who seek for the finest in these lines.

Examples of Mr. Sarsis' decorative products will be found in most of the homes and grounds of our finest residences, and restricted residence tracts. Work has just been completed on four lions which are to guard the approaches to the Modesto Bridge now nearing completion of which Leonard and Day were the Engineers.

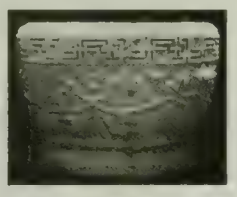
A visit to these studios is well worth the time of our Architects and Owners. The illustrations on these pages, give but a hint of what may be seen at Mr. Sarsi's Studios.



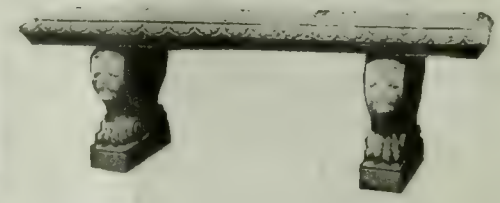
A Decorative Panel.



Garden and Hall Bench.



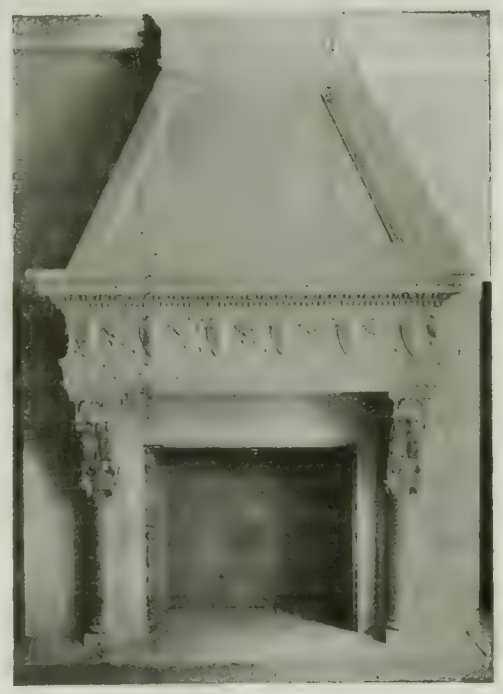
The Olive Leaf Pot.



Bench in Pompeiian Stone.



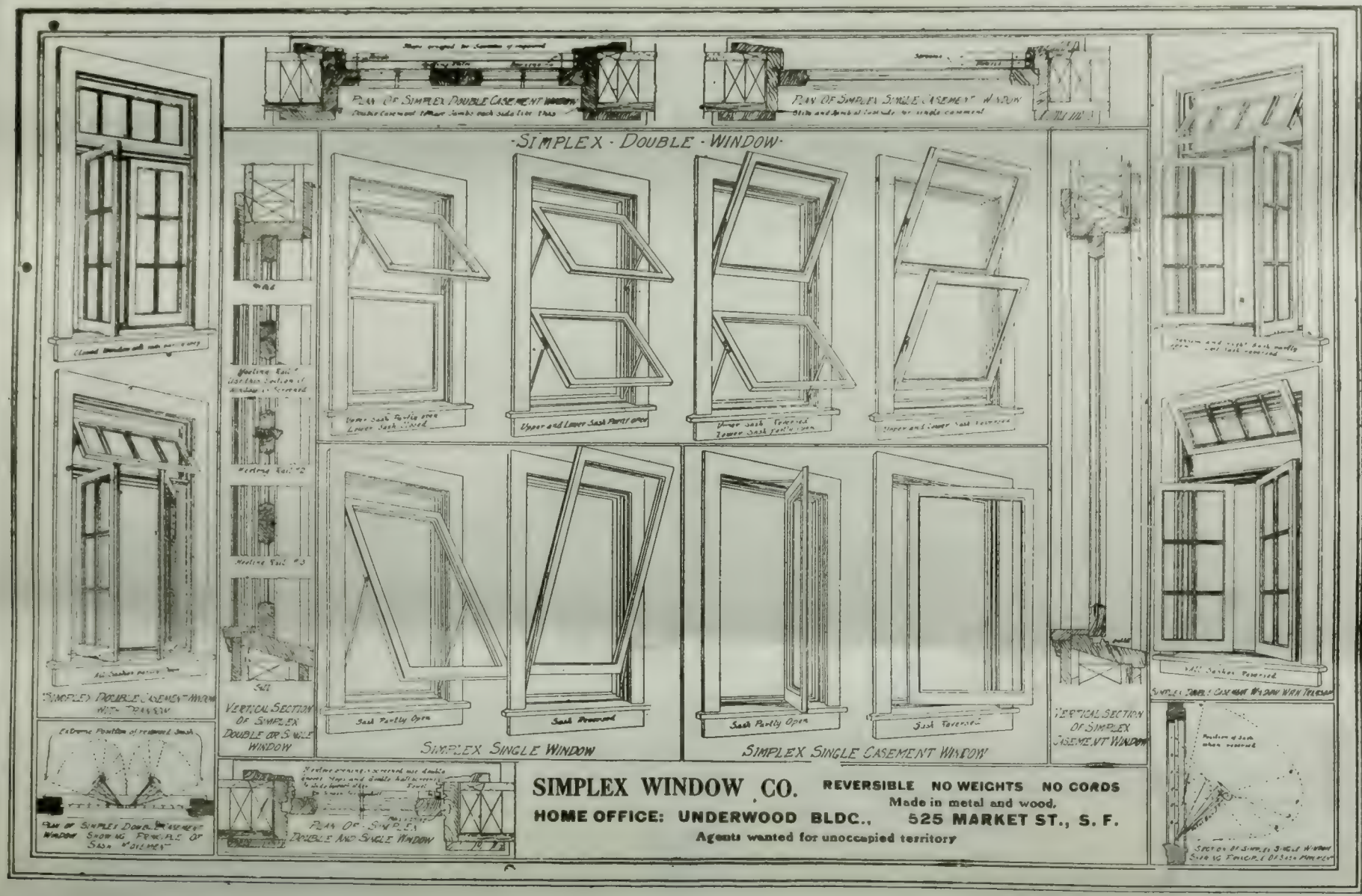
Bird Bath.



A Mediaeval Mantel Piece.



A Florentine Vase.


PLAN OF SIMPLEX DOUBLE CASEMENT WINDOW
PLAN OF SIMPLEX SINGLE CASEMENT WINDOW
SIMPLEX DOUBLE WINDOW
SIMPLEX DOUBLE CASEMENT WINDOW WITH TRANSOM
VERTICAL SECTION OF SIMPLEX DOUBLE OR SINGLE WINDOW
Upper Sash Fixed Lower Sash Closed
Upper and Lower Sash Partly Open
Upper Sash Reversed Lower Sash Partly Open
Upper and Lower Sash Reversed
Sash Partly Open
Sash Reversed
SIMPLEX SINGLE WINDOW
Sash Partly Open
Sash Reversed
SIMPLEX SINGLE CASEMENT WINDOW
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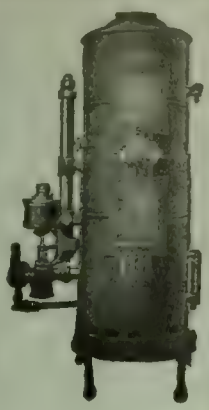
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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
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Building Operations For February, 1917.

The expected has happened. For the first time in twenty-one months, the monthly statement of building operations shows a decrease as compared with the corresponding month of the previous year. In July, 1915, building operations were 15 per cent below those of July, 1914, the latter month being that immediately preceding the outbreak of the European war. Each succeeding month, since July, 1915, has shown the comparative gain. It was very slender, once or twice, merely a thin edge, but the showing was always on the right side. Now comes the occasion for using red ink in striking the balance.

The building permits, issued in 109 principal cities for February, 1917, according to official figures, received by the California Development Board, Daily Pacific Builder and American Contractor, Chicago, total $51,998,919, compared with $53,919,905 for February, 1916.

The losses are by no means uniform—only 57 lose in the comparison, 52, or nearly one-half, gaining in volume over a year ago. There is a bright side to the statement. It is generally agreed that considerable construction work is being held up on account of the high price of material and also on account of the difficulty of procuring early deliveries of steel and some other forms of material. This large latent volume of work will doubtless come into view with a change in the conditions noted. The detailed statement for February is as follows:

Cities	Feb., 1917 Cost.	Feb., 1916 Cost.
Akron	$ 965,560	$ 435,775
Alameda, Cal.	21,910	72,121
Albany	300,740	169,230
Allentown	39,925	192,000
Atlanta	493,323	255,774
Atlantic City	194,912	143,910
Bakersfield, Cal.	25,925	19,145
Baltimore	323,382	1,138,63[illegible]
Bayonne	69,450	24,545
Berkeley, Cal.	94,300	210,450
Binghamton	156,931	165,910
Birmingham	147,257	150,965
Boston & vicinity	3,303,000	4,591,000
Brockton	36,000	[illegible]
Canton	102,900	238,675
Cedar Rapids	40,000	38,000
Chattanooga	54,371	249,689
Chicago	3,657,900	[illegible]
Cincinnati	841,490	596,120
Cleveland	2,784,260	1,552,725
Colorado Springs	10,515	40,835
Columbus	[illegible]	[illegible]
Dallas	[illegible]	[illegible]
Davenport	10,925	[illegible]
Dayton	1,922,600	99,740
Denver	248,520	472,380
Des Moines	226,760	[illegible]
Detroit	3,164,250	[illegible]
Dubuque	19,450	1,800
Duluth	158,650	[illegible]
East Orange	137,901	[illegible]
East St. Louis	240,[illegible]	[illegible]
Elizabeth	[illegible]	85,100
Erie	138,[illegible]	[illegible]
Eureka, Cal.	[illegible]	[illegible]
Evansville	50,288	22,157
Fort Wayne	148,200	74,950
Fort Worth	126,[illegible]	[illegible]
Fresno, Cal.	132,755	55,152
Grand Rapids	61,500	114,740
Harrisburg	10,805	3[illegible],160
Hartford	141,040	387,820
Hoboken	74,100	[illegible]
Holyoke	77,000	75,250
Indianapolis	522,510	406,531
Jacksonville	137,250	27,275
Kansas City, Kan	50,500	69,731
Kansas City, Mo.	759,070	464,760
Lincoln	66,565	57,800
Los Angeles, Cal	1,222,[illegible]18	976,378
Louisville	185,910	932,340
Manchester	61,625	125,055
Memphis	216,785	205,565
Milwaukee	783,844	[illegible]
Minneapolis	323,175	823,960
Montgomery	15,430	30,080
Newark	512,955	[illegible]
New Bedford	228,950	48,605
New Haven	133,186	352,040
New Orleans	370,373	116,889
New York City		
Manhattan	8,572,499	3,452,130
Bronx	[illegible]	1,649,157
Brooklyn	1,[illegible]09,165	3,600,693
Queens	[illegible]00,240	1,[illegible]
Richmond	318,262	[illegible]
Total	12,376,500	10,679,160
Norfolk	114,918	104,654
Oakland, Cal.	366,422	338,336
Oklahoma City	163,988	62,580
Omaha	[illegible]	815,692
Pasadena, Cal.	94,325	96,576
Passaic	7,550	43,280
Peoria	153,691	200,250
Philadelphia	4,042,115	2,437,750
Pittsburgh	[illegible]	1,321,686
Portland, Me.	24,550	50,585
Portland, Ore.	272,335	[illegible]
Pueblo	51,191	[illegible]
Quincy	[illegible]	54,535
Reading	[illegible]	50,150
Richmond, Cal.	28,904	24,313
Richmond, Va.	536,532	372,907
Rochester	[illegible]	691,133
Sacramento, Cal.	55,174	78,014
Saginaw	6,775	6,400
Salt Lake City	64,900	243,815
San Diego, Cal.	67,175	164,890
San Francisco	1,660,339	1,[illegible]2,678
San Jose, Cal.	[illegible]	56,905
Santa Rosa, Cal.	[illegible]	[illegible]
Savannah	93,600	[illegible]
Scranton	[illegible]	21,176
Seattle, Wash.	634,625	598,615
Sioux City	[illegible]	[illegible]
South Bend	[illegible]	[illegible]
Springfield, Ill.	[illegible]	[illegible]

Springfield, Mass.	162,747	470,185
St. Joseph	77,870	82,190
St. Louis	816,741	1,180,384
St. Paul	214,744	126,694
Stockton, Cal.	42,365	62,335
Superior	9,295	83,295
Tampa	15,700	75,395
Terre Haute	58,060	79,110
Toledo	388,133	700,781
Topeka	23,991	10,575
Trenton	350,815	33,500
Troy	15,831	14,235
Utica	13,165	226,175
Wilkes-Barre	58,878	36,748
Wilmington	51,355	42,332
Woonsocket	39,975	28,125
Worcester	217,990	174,473
Youngstown	255,420	85,665
Total	$51,998,919	$53,919,905

Architects Bill Is Now In Committee.

Bill Proposing Changes in Present License Law for Architects Under Consideration.

The following skeleton form of the new proposed Architects' License Law, now under advisement in the Judiciary Committee of the State Legislature, is published in as much as the present bill is an amended one and has, as yet, not been printed by the State.

This outline was obtained from Mr. E. T. Thurston, Construction Engineer, who represented the General Contractors' Association at the Committee meeting.

OUTLINE OF PROPOSED NEW ARCHITECTS' LICENSE LAW (A. B. 1126) ENTITLED

"An Act Providing for Public Safety in Buildings Within the State of California by Regulating the Construction, Alteration and Repair of Same, and to Provide Penalities for Violation Thereof."

SECTION 1

Provides for a new **State Board of Architecture** of seven members composed of

4 certificated architects.
2 structural engineers.
1 professor of engineering.

SECTION 2

Meetings, duties and powers.

SECTION 3

Compensation (none) and expenses.

SECTION 4

Defines "structural engineer" as "a person who has been engaged in the study of mathematics, strength of materials and allied subjects as applied to the computation of the stresses and strains in the structural features of a building and who is qualified thereby and by practical experience to design specify, and superintend or supervise such structural features of the buildings, which by this act are required to be designed and specified and superintended or supervised by a person holding a certificate thereunder, and who is engaged in such operations as a vocation."

SECTION 5

Prohibits the construction or structural alteration of buildings unless "designed, specified and supervised or superintended" by a person certificated hereunder as "architect" or "to design and superintend the construction of buildings" and who has identified each and all of the drawings and specifications or reproductions thereof and in connection with such work by his signature thereon;" or, if the drawings and specifications have been made by a non-resident of the State, unless a person certificated hereunder shall assume responsibility for the same by signature as above provided and by "direct supervision or direct control over the superintendence or supervision of the building work."

Exceptions—A dwelling for a single family, a frame dwelling or lodging house of not over two stories and temporary structures not involving the assemblage of human beings therein.

Restricts the use of the term "architect" (not including "landscape architect") to persons certificated hereunder; and prescribes maximum penalties of $500.00 fine or six months imprisonment or both.

SECTION 6

Qualifications for Examination—Candidates for examination for a certificate "to design and superintend the construction of buildings" must, in independent practice or in the employment of a person so engaged, have been continuously engaged in designing, specifying and supervising, the erection of buildings for a period of not less than five years. Examination fee $50.00.

Candidates for examination for a certificate as "architect" shall, in addition to the above qualifications, have had class work in architecture for a period of at least twenty-four months. Examination fee $25.00 or additional.

Exemptions—Structural engineers in good standing actively engaged in independent practice, will be granted a certificate "to design and construct buildings" without examination, provided application be made within six months after act goes into effect.

All architects certificated under the present law will be granted certificates as "architect" under this act on application without examination.

Examinations—The applicant for a certificate "to design and construct buildings" must pass,

(a)—A comprehensive examination "to insure that the applicant has a solid theoretical understanding and a working knowledge of the principles and mathematics involved in the computing of all stresses and strains in the mechanics of building operations."

(b)—An examination in theory and practice of sanitation of buildings and ability to design plumbing systems.

(c)—An examination in the theory and practice of heating and ventilating of buildings.

(d)—An examination in stereometry.

(e)—An examination in practical electricity.

(f)—An examination in fire protection of buildings.

(g)—An examination in specification work.

(h)—An examination as to general education and knowledge of architectural terms.

An applicant for a certificate as "architect" must in addition be examined in the following:

(i) Elements of architecture.
(j) Architectural design.
(k) History of architecture.
(l) Free hand drawing.
(m) History of ornament.
(n) Shades and shadows, and use of color.

SECTION 8

Annual license fee is fixed at $5.00 and causes for revocation specified.

SECTION 9

Safeguard act against possible decision that portions are unconstitutional.

SECTION 10

Repeals the present law entitled "An Act to Regulate the Practice of Architecture."

HOME INDUSTRY LEAGUE SEEKS INJUNCTION AGAINST CITY.

Enthusiastic approval of a proposal to get out an injunction against the city officials of San Francisco was given at a largely-attended meeting of the Home Industry League of California at their last weekly luncheon at the Palace Hotel. The injunction would prevent the mayor and supervisors from paying out the city's money to the White Automobile Co., for five passenger auto busses (for the city's street railway extension system), the contract for which has just been awarded to this Eastern concern by the bureau of Public Works of San Francisco.

Executive Secretary Thorburn reported to the meeting that the contract was given to the Eastern firm although three local companies had submitted bids that were much lower than the White Co., and that the total figures of the Eastern firm were nearly $10,000 higher than the highest of the California firms.

Mr. A. C. Rulofson, chairman of the Executive Committee of the League, and many other business men denounced the action of the city officials in spirited terms, after which it was decided to engage an attorney to secure an injunction to prevent the payment of the money to the White Company, and to carry the matter even so far as the Supreme Court.

Bunco People Exposed.

Starting details of the manner in which an army of bunco men and women succeed in "working" the charitably-inclined of San Francisco were also told to the members of the Home Industry League by R. D. Quinlan, manager of the Sperry Flour Co., and H. J. Maginnity, Secretary of the Charities Investigation Committee of the Chamber of Commerce. Quinlan told of his firm receiving letters from over 500 people the past few weeks demanding 10-lb. sacks of flour that had been promised them as premiums when they subscribed for two well-known magazines through house to house solicitors, of whom the flour people insist they never heard. Maginnity described the vast sums which fakers collect from all manner of business men—running up to $300,000 a year in San Francisco alone—the fakers represent themselves to be authorized by the army and navy authorities—and charitable organizations to collect money for "advertising" in programs and for "tickets," little or no part of which money ever reaches the people whom the fakers claim to be soliciting for.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base. Class C construction, $85,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Antone Rulfs. Location, north Geary west Leavenworth, cavering an area of 55 by 137½ feet. Will contain 24 apartments of two and three rooms. Contract for grading awarded to Dillon Grading and Teaming Co. Segragated figures to be taken for the balance of the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $20,000. Architect, none. Owner, William J. Keenan, 2 Atalaya Terrace, S. F. Location, northeast Atalaya Terrace and Fulton street, covering an area of 72½ by 107 feet. Will contain twelve large four room apartments. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $40,000. Architect, none. Owner, C. J. Keenan, 300 Webster street, S. F. Location, west Stockton north Pine, covering an area of 40 by 120 feet. Will contain 29 apartments of three rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, $30,000. Architect, Joseph Cahen, 333 Kearny St., S. F. Owners, Joseph Cahen and James Oppenheimer. Location, south Washington east Presidio. Will contain five residential apartments of four and five rooms. Plans complete and segregated figures to be taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $30,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. Location, southeast East 12th and First avenue. Will contain a number of two, three and four room apartments. Plans are being prepared.

HOLLYWOOD, LOS ANGELES CO., CAL.—Apartment house and stores, 2 story, frame. Cost not stated. Architect, H. H. Whiteley, Story Bldg., L. A. Owner, L. J. Wollan. Will cover an area of 60 by 100 feet and contain seven stores and eleven apartments of two, three and four rooms. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 4 story and base, brick, $75,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, F. L. Dickenson. Location, Benton Way between Wilshire Boulevard and Seventh street, covering an area of 75 by 125 feet. Will contain 80 rooms arranged in two and three room apartments. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 2 story and base, frame, $20,000. Architects, Taylor Bros., Black Bldg., L. A. Owners, Taylor Bros. Location, northeast Sunset Boulevard and Vista street. Will contain 40 rooms arranged in residential apartments of five and six rooms. Plans being prepared.

SEATTLE, WASH. — Apartment house, 8 story and base, reinforced concrete. Cost not stated. Architects, Charles Bebb and Carl Gould, Denny Bldg., Seattle. Owners, E. M. Jordan & Co. Location, 5th avenue and Lenora, covering an area of 60 by 120 feet. Will contain 75 apartments of two and three rooms. Plans complete and figures being taken.

SEATTLE, WASH. — Apartment house, 3 story and base, mill construction, $55,000. Architect, J. A. Creutzer, Leary Bldg., Seattle. Owner's name withheld. Location, University and Terry streets, covering an area of 60 by 120 feet. Will contain 37 apartments of two, three and four rooms. Plans complete and figures being taken.

PORTLAND, ORE. — Apartment house, 4 story and base, brick, $45,000. Architect, none. Owner, Herbert Gordon, Henry Bldg., Portland. Location, 11th near Harrison, covering an area of 50 by 100 feet. Will be arranged for three-room apartments. Plans complete and work to be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house, 2 story and base, frame, $10,000. Architect, Joseph Losekann, San Joaquin Bldg., Seockton. Owner, Miss Elina Moore. Location, Commerce and North streets. Will contain four apartments of two and three rooms. Plans are being prepared.

SEATTLE, WASH. — Apartment house, 4 story and base, brick, $50,000. Architect, V. W. Voorhies, Eitel Bldg., Seattle. Owners, A. F. Hamill and Frank Ebright. Location, 4th avenue and Virginia street, covering an area of 80 by 108 feet. Will contain 38 apartments arranged in three and four room suites. Plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL. — Apartment house, 2 story and base, frame, $21,500. Architect, W. B. Rust, Van Nuys Bldg., L. A. Owner, Florence E. Keeler. Contractor, W. L. Miller, Van Nuys Bldg., L. A. Contract price, $21,500.

BANKS

FRESNO, FRESNO CO., CAL.—Bank and offices, 8 story and base. Class A construction, $300,000. Architect, R. F. Felchin, Rowell Bldg., Fresno. Owners, Bank of Italy. Location, Tulare and J streets, covering and area of 50 by 100 feet. Will contain the bank on the first and basement floors and a number of modern offices above. Plans are being prepared.

EUREKA, HUMBOLDT CO., CAL.—Bank and offiffices, 5 story and base. Class A construction. Cost not stated. Architects, G. A. Applegarth and Fay Spangler, associated, S. F., and Eureka. Owners, Humboldt National Bank. Location, northwest Fourth and E streets, covering an area of 45 by 80 feet. Plans are being prepared and further mention will be made of the work.

UPLAND, SAN BERNARDINO CO., CAL. Bank, 1 story and base, brick, $25,000. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owners, First National Bank of Upland. Location, 2nd avenue and 9th street, covering an area of 45 by 90 feet. Plans are being prepared.

COVINA, LOS ANGELES CO., CAL.—Bank, 1 story and base, brick, $40,000. Architects, Edelman & Barnett, H. W. Hellman Bldg., L. A. Owners, First National Bank of Covina. Location, Citrus and College avenues. Will be occupied by the bank only. Plans are being prepared.

BONDS.

SAN JOSE, Santa Clara Co., Cal.—Santa Clara County defeated both propositions on the ballot for the $1,500,000 good roads bonds by a vote of about two to one. Proposition No. 1, providing that the county should incur a debt of $1,450,000 for constructing roads, bridges and highways, was defeated by a little less than a two-to-one vote. Proposition No. 2, providing for the issuance of $50,000 county bonds for the purpose of acquiring lands and providing public parks and pleasure grounds received a vote of 4634 for and 10,449 against.

YREKA, Siskiyou Co., Cal.—An election will be held March 31st in the Siskiyou High school district to vote bonds of $70,000 with which to purchase five high school lots and for the construction of six high school buildings.

LEWISTON, Ida.—An election has been called for April 10 in Clearwater district to vote on bond issue of $130,000 for construction of highway system.

OROVILLE, Butte Co., Cal.—The $80,000 school bond election carried last week. The issue will be advertised for sale within the next few weeks and the proceeds will finance the erection of a new school building.

PROVO, Utah.—An election has been called for April 17th to vote bonds of $750,000 for the construction of a highway system, comprising 43 or more miles of concrete roads.

BLYTHE, Riverside Co., Cal.—A special election will be held in the Palo Verde Valley Union High School District on March 30, to vote bonds in the sum of $43,000 for the purchase of a site and the erection of a high school building at Blythe.

MODESTO, Stanislaus Co., Cal.—Two items have been added to city bond issue that is to be voted upon on April 10, bringing the total amount to $100,000; comprising $40,000 for street improvement, $30,000 for storm sewers, $15,000 for sanitary sewers, $10,000 for

swimming pool and $5000 for water-mains.

SOUTH PASADENA, LOS ANGELES CO., CAL.—Bonds of $118,000 for school improvements in the South Pasadena city school district have been defeated.

CALEXICO, IMPERIAL CO., CAL.—Election to vote bonds of $16,000 to finance a new school building will be held April 6th. Joel Coffman, L. S. Neagle and Mrs. Jennie Buck are the school trustees.

FLAGSTAFF, ARIZ.—The Elks Lodge of this city contemplate the erection of a $25,000 building.

CHULA VISTA, SAN DIEGO CO., CAL.—An election will be held shortly to vote bonds of $82,500 for paving the principal streets and to jointly construct a highway between here and National City.

TACOMA, WASH.—Preparations are being made to call an election to vote bonds of $4,500,000 with which to purchase the Hebb Power site for $1,000,000 and the expenditure of $3,500,000 to develop it to its full capacity of 100,000 H. P.

EL CENTRO, IMPERIAL CO., CAL.—An election will be called next month to vote bonds of $2,500,000 to carry out work on the Imperial Irrigation District.

DOUGLAS, ARIZ.—April 17th is the date set to decide the question of issuing and selling bonds of $20,000 to finance a new city hall addition, new jail building and fire station.

FLORENCE, ARIZ.—Bids are being received by J. G. Bogard, City Clerk, for the purchase of bonds of $50 000 with which to finance the construction of a water works and electric lighting system.

RED BLUFF, TEHAMA CO., CAL.—Superior Judge John F. Ellison has been named chairman of a permanent Chamber of Commerce committee to superintend the campaign for a $200,000 bond issue with which to erect a new county court house.

SPOKANE, WASH.—Bonds of $260,000 have been voted for schools.

MESA, ARIZ.—The City Council has voted to hold an election to decide whether the city shall purchase the Southside Gas and Electric Co.'s plant at a cost of $113,000.

CLIFTON, ARIZ.—The bond issue of $166,000 for construction of street improvement, bridges and retaining walls has been sold.

BURLEY, IDAHO—Bonds of $12,000 have been sold. The proceeds will be used to purchase road machinery.

HANFORD, KINGS CO., CAL.—The Hanford Promotion Association has decided to ask the Board of Trustees to call a bond election to vote funds for the construction of a municipal auditorium and the purchase of a site. A committee has been appointed to take the matter up with the trustees.

SACRAMENTO, CAL.—Clubs and citizens are urging the Sacramento officials to call an election to vote bonds of $2,150,000 for the construction and reconstruction of fifteen school buildings.

CLOVIS, FRESNO CO., CAL.—On April 10th the voters will decide on the issuance of bonds of $60,000 for a new high school and on April 14th to vote an issue of $25,000 for a new grammar school.

PORTLAND, ORE.—The Commission of Public Docks will ask the voters of Portland for the authorization of a $3,000,000 bond issue, with which to build a public bulk grain elevator system. The proposed measure will be submitted to the people at the June 4 election.

RIVERSIDE, RIVERSIDE CO., CAL.—A bond issue for $30,000 will be held shortly to finance construction of a Carnegie Library. The city will put up $30,000 if an appropriation of $35,000 can be had from the Carnegie Foundation.

DENAIR, STANISLAUS CO., CAL.—Bonds of $28,000 to provide for the erection of a new school building are being advertised for sale by County Clerk H. Benson.

BRIDGES AND DAMS.

COTTONWOOD, SHASTA CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineers, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. T. A. Bedford, division engineer of the Highway Commission, reports the preparation of plans and specifications by the Highway Commission for the construction of a bridge across Cottonwood Creek at the town of Cottonwood, Shasta County. Bids will be called for shortly.

COLUSA, COLUSA CO., CAL.—Bridge, reinforced concrete and steel, $20,000. Engineer, County Surveyor, Colusa. Owners, Colusa County. The Board of Supervisors and grand jury committee on bridges and highway have agreed that the expenditure of $20,000 is necessary on the bridge between Colusa and Williams some four miles from the city, in order to make it comply with the requirements of the State Highway Commission, which has already accepted the plans of Engineer Easterly.

VISALIA, TULARE CO., CAL.—Bridges, steel and reinforced concrete. Cost not stated. Engineer, County Surveyor Byron O. Lovelace is preparing plans for ten bridges to be constructed along the line of the State highway between Octol and Tipton. They will be of steel and concrete construction and of the following lengths: No. 8, 96 feet; No. 9, 140 feet; No. 10, 40 feet; No. 11, 60 feet; No. 12, 32 feet; No. 13, 60 feet; No. 14, 30 feet; No. 15, 160 feet; No. 16, 80 feet. One of these structures will be constructed across the slough on the east line of section 10, township 21, range 26, 60 feet in length. Bids on the work will be called about the middle of April.

SAN JOSE, SANTA CLARA CO., ACL. Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. The County Supervisors have instructed the County Engineer to prepare plans and specifications for a reinforced concrete bridge on Ross road over Ross Creek in Supervisor District No. 4.

RIVERSIDE, RIVERSIDE CO., CAL.—Bridge, reinforced concrete. Cost not stated. Engineer, County Surveyor, Riverside. Owners, Riverside County. The County Supervisors have ordered bids received up to April 11th for the construction of a bridge across Snow Creek near Whitewater Point. The specifications call for piling and concrete piers. Plans may be had from the County Clerk.

NEWPORT, ORANGE CO., CAL.—Jetty work. Cos tnot stated. Engineers, Leeds & Barnard, Central Bldg., L. A. Owners, City of Newport. Sealed proposals for constructing a rubble mound jetty for the city of Newport Beach at the entrance of Newport Bay, will be received at the office of the City Clerk, city hall, until 7:30 p. m. April 23rd, 1917, and publicly opened.

Contract Awarded.

MODESTO, STANISLAUS CO., CAL.—Bridge, steel and concrete, $8,994. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contractors, W. D. Voorheis & Son, Stockton. Contract price, $8,994.

CHURCHES.

HOLLYWOOD, LOS ANGELES CO., CAL.—Church, 1 and 2 story and base, brick and frame, $40,000. Architect, Norman F. Marsh, 314 Broadway, L. A. Owners, Hollywood Baptist Church. Will cover an area of 84 by 152 feet. Will contain auditorium and Sunday school rooms. Plans are being prepared.

LAMANDA PARK, LOS ANGELES CO., CAL.—Church, 1 and 2 story, brick and concrete, $30,000. Architects, Frohman & Martin, Slavin Bldg., Pasadena. Owners, Lamanda Park Methodist Church. Will contain main auditorium and Sunday school rooms. Plans are being prepared.

Contract Awarded.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Church, 2 story and base. Class B construction, $55,000. Architect, Roland F. Sauter, San Marcos Bldg., Santa Barbara. Owners, First Presbyterian Church. Contractors, W. E. Kier Construction Co., American Bank Bldg., L. A. Contract price, $55,000.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Factory addition, 2 story. Class C construction, $6,000. Architects, Fabre & Bearwald. Merchants' National Bank Bldg., S. F. Owners, Arthur and Ethel Elvin. Location, 431 Jessie street, covering an area of 35 by 60 feet. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Factory, 1, 2 story and 1, 3 story, corrugated iron. Cost not stated. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owners, Doake Gas Engine Co. Location, 4th and Madison streets, covering areas of 40 by 80 and 46 by 123 feet. Plans complete and figures being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Factory, 3 story and base, brick, $12,000. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Benham Ice Cream Co. Location, Aurora and Oak streets. Will contain ice cream factory and ice making plant. Plans complete and figures to be taken.

MANTECA, SAN JOAQUIN CO., CAL.—Cannery, 1 story, brick and frame, $7,500. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Manteca Canning Co. Will cover

an area of 60 by 150 feet. Plans are being prepared.

LOS ANGELES, CAL.—Laundry, 2 story and base, reinforced concrete. Cost not stated. Architect, John P. Blee, Union League Bldg., L. A. Owners, Linen Laundry Co. Location, 319 and 321 Boyd street covering an area of 75 by 110 feet. Plans complete and owners taking figures.

Contract Awarded.

LOS ANGELES, CAL.—Factory, 3 story and base, brick, $50,000. Architect, Robert M. Taylor, Marsh Strong Bldg., L. A. Owners, Manhattan Furniture Co. Contractors, Lepper & Laisy, Builders' Exchange, L. A. Contract price, $50,000.

LOS ANGELES, CAL.—Packing plant, 2 story, brick, $23,000. Architects, Henschien & McLaren, Chicago, Ill. Owners, Ogden Packing Co. Contractor, C. A. Paulson, 6553 Sunset Boulevard, L. A. Contract price, $23,000.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, $5,600. Architect, none. Owner, V. Fillippis, 866 Union street, S. F. Location, west Leavenworth south Filbert. Will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $5,500 each. Architects, Harris & Antonovich, 20 Montgomery street, S. F. Owner, H. Helbush, 75 Sutter street, S. F. Location, east Arguello Boulevard east Euclid. Each building will cover an area of 25 by 75 feet and will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, $9,000. Archhitect, Paul J. Capurre, 1844 Powell street, S. F. Owner, Peter S. Cerruti. Location, southwest Columbus avenue and Taylor street. Will contain three stores and four flats. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Flat alteration, 2 story, frame, $2,500. Architect, none. Owner, George Rushforth, 2321 Blake street. The prescation, 2321 Blake street. The present two-story frame dwelling will be altered into two modern flats. Plans are complete and work will be done by Day Labor.

YREKA, SISKIYOU CO., CAL.—Flats, 2 story and base, frame, $6,500. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Miss C. Hawkins. Will contain two flats of four rooms each. Plans are being prepared.

LOS ANGELES, CAL.—Flats, 2, 2 story and base, brick and plaster, $20,000. Architects, Taylor Bros., Black Bldg., L. A. Owner, Frank Murphy. Location, 8th street near Normandie. Will contain eight flats of five rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats 2, 2 story and base, frame, $5,000 each. Architect, none. Owner, J. Johnson, 266 17th avenue, S. F. Location, west 15th avenue south Balboa. Each building will contain two flats of five and six rooms, basement garages. Plans complete and work to be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage 1 story and base, Class A construction, $18,000. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Location, south of Market street corner, covering an area of 75 by 125 feet. Plans are being prepared.

CHICO, BUTTE CO., CAL.—Garage and sales rooms, 1 story and base, reinforced concrete, $10,000. Architect, Chester Cole, Chico. Owners, S. H. Chalmers and A. A. Fano. Location, Broadway, covering an area of 60 by 132 feet. Plans complete and figures being taken.

COLUSA, COLUSA CO., CAL.—Garage, 1 story, corrugated iron. Cost not stated. Architect, none. Owner, Joseph Baum, Colusa. Location, Main street, covering an area of 40 by 60 feet. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL.—Garage, 2 story and base, brick and steel. Cost not stated. Architect, W. S. Garrett, Curries Bldg., L. A. Owner, Mrs. Amanda Salter. Location, Figueroa near 11th street, covering an area of 50 by 165 feet. Plans complete and figures being taken.

SEATTLE WASH.—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, Charles Haynes, Mehlhorn Bldg., Seattle. Owner, Central Agency Co. Location, 10th and Broadway Place, covering an area of 68 by 120 feet. Plans complete and figures being taken.

GOVERNMENT WORK & SUPPLIES.

Summerland, Cal., Conveyors, Etc.

The contract for furnishing bucket flight and screw conveyors, second hand boilers, etc., for use of the Department of Agriculture, Summerland, Cal., has been awarded to Collins & Webb, Los Angeles, Cal., at $1,323. The bids were opened on February 13.

Boise, Idaho, Wiring.

The supervising architect, Treasury Department, Washington, D. C., received the following bids on March 8 for wiring and lighting system in the U. S. post office at Boise, Idaho:

Idaho Electrical Supply Co., Ltd., Boise, Idaho, $1,200; time, 120 days.

J. L. Powers, Bennetsville, S. C., $1,980; no time stated.

Medford, Ore., Painting and Plastering.

The supervising architect Treasury Department, Washington, D. C., received the following bids March 6, for painting and plastering at the U. S. post office at Medford, Ore.:

Halliday & Moore, Roseburg, Wash., $2,393.

J. P. Sullivan, 4515 Indiana avenue, Chicago, Ill., $2,800.

D. J. Inman, Danville, Ill., $2,810.

Emil Grohne, Joliet, Ill., $2,935.

All bids have been rejected and a new call for bids will be advertised shortly.

La Junta, Colo., Gutter.

The contract for constructing a cement gutter at the U. S. post office at La Junta, Colo., has been awarded to [illegible] Lane for completion [illegible]

HALLS AND SOCIETY BUILDINGS.

WATSONVILLE, SANTA CRUZ CO., CAL.—Club house, 1 story [illegible] $9,000. Architect, Ralph Wright, San Jaro Valley National Bank Bldg., Watsonville. Owners, Watsonville Women's Club. Location, [illegible] contain seven rooms [illegible] and figures being taken.

LODI, SAN JOAQUIN CO., CAL.—Lodge Hall, 3½ story [illegible] $9,000. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Lodi Eagles Hall Association. Location, Locust and Sacramento streets. Will contain lodge rooms and others. Plans complete and [illegible] taken.

Contract Awarded.

SAN FRANCISCO, CAL.—Lodge [illegible] story and base, frame and plaster, $35,000. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, Lakeside Golf Club. Contractor, Frank M. Garden Co., 251 Kearny street, S. F. Contract price, $35,000.

SACRAMENTO, CAL.—Lodge hall, 3 story and base. Class A constrruction, $300,000. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Temple Association. The following contracts have been awarded: Mathews Construction Co., Forum Bldg., Sacramento, general construction, $174,877. Teichert & Ambrose, Ochsner Bldg., Sacramento, concrete piling, $8,700. Palm Iron Works, 1814 15th street, Sacramento, structural steel, $65,147. Latourette & Fical, 35th and Sacramento streets, plumbing. Otis Elevator Co., S. F., elevators. W. P. Fuller Co., S. F., glass and glazing. Schneider, Chappell & Jones, 615 J street, Sacramento, painting and decorating.

HOSPITALS

ROSEBURG, ORE.—Hospital, 3 story and base, brick, $22,500. Architect, Lewis Thompson, Central Bldg., Portland. Owners, State of Oregon. Location, Soldiers' Home. Will cover an area of 50 by 100 feet. Plans being prepared.

HOTELS.

EUREKA, HUMBOLDT CO., CAL.—Hotel and stores, 4 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Roy Carruthers, Palace Hotel, S. F., et al. Location, 5th and G streets, covering an area of 110 by 120 feet. Will contain several stores and 90 rooms. Plans being prepared. Construction to be under the direction of Lindgren Co., Monadnock Bldg., S. F.

TORRANCE, LOS ANGELES CO., CAL.—Hotel, 3 story [illegible] brick. Cost not stated. Architects, J. M. Cooper and W. Dougloss Lee, Marsh-Strong Bldg., L. A. Owner, Mrs. Henderson. Will contain an area of 110 by 48 feet and contain 60 rooms. Plans are being prepared.

Contract Awarded.

SANTA BARBARA, SANTA BARBARA CO., CAL.—[illegible] base, brick. Cost not stated. Architect, J. Corbley Pool, Bothin Bldg., L. A. Owner, Mrs. C. A. Meinecke. Con-

Gaetor, Samuel Hunter, Santa Barbara. Contract price not stated.

LOS ANGELES, CAL. Hotel, 1 story and base, brick and steel, $34,609. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, A. L. Phillips. Contractor, Frank R. May, Builders' Exchange, L. A. Contract price, $34,609.

IRRIGATION PROJECTS.

J. G. Ruddle of Snelling has applied to the State Water Commission for permission to appropriate 20 cubic feet per second of the waters of the Merced River in that county for irrigation and stock purposes. By a low diverting canal, the full width of the river, the applicant proposes to carry the water into the canal, to be known as the Ruddle Canal, six and a half miles in length. Two 12-inch pumps operated by 100 horsepower motors will lift the water 56 feet to a point from which it will be carried by gravity, except in a few places where there are high spots, where small auxiliary pumping plants will be used. It is intended to irrigate 1,960 acres, and the estimated cost is given in the application as $10,000.

Jessie B. Holly of San Francisco has applied to the State Water Commission for permission to appropriate 20 cubic feet per second of the waters of Dog Creek, tributary to the Truckee River in Sierra County, near the Nevada line, for the purpose of a municipal supply for Reno, in that State. The following proposed specifications are given in the application: A dam 100 feet high, 60 feet long at top and 45 feet bottom, hydraulic fill; pipe line 14 miles long; reservoir to have a storage capacity of 20,000 acre feet; estimated cost, $210,000. The present population of Reno is given as 14,000.

W. P. Boone of Berkeley has applied to the State Water Commission for permission to appropriate 20,000 cubic feet per second of the waters of Kings River in Fresno County for the purpose of irrigating lands in Fresno, Tulare and Kings Counties. It is proposed to organize a district to be known as the Kings River Conservation District. The application specifies a dam 300 to 315 feet high, 1200 feet long on top and 215 feet long at bottom of concrete construction, forming a reservoir with a storage capacity of 600,000 acre feet. The project proposes the irrigation of 1,200,000 acres, and the estimated cost is given as $9,000,000.

W. B. Baker of Los Angeles and F. H. Merrell of South Pasadena have applied to the State Water Commission for permission to appropriate all of the unappropriated waters of Tahquitt Creek, Andreas Canyon Creek, Murray Canyon Creek, West Fork of Palm Canyon Creek, Main Fork of Palm Canyon Creek, Dead Indian Creek, Deep Canyon Creek, all in Riverside County for proposed irrigation purposes. The application states that this application is supplementary to three previous applications, by which it is intended to assemble the waters of several streams and watersheds and conduct them to lands in the Coachilla Valley.

SAN DIEGO, SAN DIEGO CO., CAL. —Irrigation. Cost not stated. Engineer, County Surveyor, San Diego. Owners, San Diego County. Until 11 a. m. April 2nd, bids will be received by the Board of Supervisors for constructing an irrigation system and pipe line, consisting of cement pipe line, standpipes, valves, gates, etc., on portion of Pueblo lot No. 1118. Separate bids will also be received at the same time for the construction and installation of a pumping plant on portion of Pueblo lot 1105, to consist of pump house, motor, pump and connections to discharge pipes and wells. Plans and specifications are on file at the office of the Board. Certified check for 5 per cent. J. T. Butler, County Clerk.

YUMA, ARIZ. — Irrigation pumps, etc. Cost not stated. Engineer, U. S. Reclamation Service, Denver, Colo. Owners, United States Government. Sealed proposals for furnishing pumping machinery for the Yuma Valley drainage plant, Yuma project Arizona, will be received at the office of the United States Reclamation Service, Denver, Colo., until 2 o'clock p. m. April 18, 1917, and will then be opened. The work is located near Yuma, Ariz. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. Davis, chief engineer.

CHOWCHILLA, MADERA CO., CAL. —Irrigation. Cost not stated. Engineer's name not given. Owners, Swift & Co., Chicago. Louis F. Swift, president of Swift & Co., of Chicago, and associates have purchased the 42,000 acres in the Chowchilla ranch for a reported consideration of $2,000,000 and will immediately start work on extending the irrigation system. Additional wells and pumps will be installed. Chas H. Kendrick, president of Kendrick & Co., 742 Market street, S. F., negotiated the deal.

LIBRARIES.

SAN FRANCISCO—Library, 1 story and base, brick and concrete, $40,000. Architects, Coxhead & Coxhead. Hearst Bldg., S. F. Owners, City and County of San Francisco. C. E. McMullen, 110 Jessie street, presented the lowest bid for the general construction and will probably be awarded the contract. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

POWER PLANTS.

McKITTRICK, KERN CO., CAL.—Gas plant, etc. Cost not stated. Engineer's name not given. Owner's Pacific Gas and Fuel Co. The Pacific Gas and Fuel Co. has secured a franchise to construct gas mains in the streets of McKittrick. The same company has also made application for franchises at Taft, Reward and Belridge. According to Murray Bourne, a Fresno attorney, who represented the corporation, about $300,000 will be expended in the construction of pipe lines, compressor stations, etc., in this territory.

SUNNYVALE, SANTA CLARA CO., CAL.—Pipe. Cost not stated. Engineer, City Engineer, Sunnyvale. Owners, City of Sunnyvale. All bids received by the Town Trustees for furnishing pipe to be used in connection with the municipal plant have been rejected. The pipe will be purchased in the open market.

GRAND CANYON ARIZ. — Hydroelectric plant. Cost not stated. Engineer, J. B. Girard Phoenix. Owners' names not given. Work of constructing three concrete dams and hydroelectric plants in the Grand Canyon will be commenced in the near future, according to J. B. Girard. The first dam will be constructed about 21 miles north of Peach Springs, at a point where the walls of the Canyon rise 1500 feet above the stream. It will be necessary to construct a spur track from the Santa Fe at Peach Springs to the site, or to construct a highway to allow the use of motor trucks. Power generated by this plant when completed, will be used in constructing the other two. The Clark Engineering Co., of New York City, has a man on the site checking up plans and making estimates.

Contract Awarded.

REDWOOD CITY, SAN MATEO CO., CAL.—Pipe, $1,372. Engineer, City Engineer, Redwood City. Owners, Redwood City. Contractors, American Cast Iron Pipe Co., Balboa Bldg., S. F. Contract price, $1,372.

RAILROAD CONSTRUCTION AND EQUIPMENT

Contract Awarded.

SAN FRANCISCO—Municipal railroad construction, etc. Cost as follows. Engineer City Engineer, S. F. Owners, City and County of San Francisco. The following contracts have been awarded by the Board of Public Works for furnishing various items in the construction of the Municipal Railway: To Eccles & Smith, 71 First street, S. F., for furnishing tie plates and anticreepers. To Payne's Bolt Works, 133 Howard street, S. F., for furnishing tie rods and to the U. S. Steel Products Co., Rialto Bldg., S. F., for furnishing rail spikes and rail braces. The Board requested the Supervisors to appropriate $17,565.65 to cover the cost of the above contracts.

VISITACION, SAN MATEO CO., CAL. —Railroad shops, 3, 1 story, brick, $85,000. Engineer Engineering Dept., Southern Pacific Co. Flood Bldg., S. F. Owners, Southern Pacific Co. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price for brick work only, $85,000.

RESIDENCES.

SAN FRANCISCO — Residence, 1½ story and base, frame, $3,500. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner's name not given. Location, Claremont Court. Will contain seven rooms, bath and basement garage. Plans complete and figures to be called for shortly.

SAN FRANCISCO — Residence, 1½ story and base, frame, $5,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Mr. Goldmeyer. Location, 38th avenue and Fulton. Will contain seven rooms, bath and basement garage. Plans being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, $5,000. Architect, none. Owners Allen & Co., 125 Sutter street, S. F. Location, east 28th avenue north California. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans com-

plete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 1 story and base, frame. Cost not stated. Architects, Foulkes & Hildebrandt, Crocker Bldg., S. F. Owner, Herbert F. Hellwig. Location, St. Francis Wood. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, M. P. Loebel, 4341 Piedmont avenue, Oakland. Location, west Howe south Market. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, L. F. Hyde, 2745 26th avenue, Oakland. Owner, Mr. J. Reining. Location, 17th street west 57th avenue. Will contain five rooms and bath. Plans complete and figures being taken.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, J. P. Christiansen, 3831 Brighton avenue, Oakland. Location, west Brighton avenue south Park Boulevard. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, $4,500. Architect, none. Owner, J. Conrad, 6081 Claremont avenue, Oakland. Location, east Elise avenue south Harwood. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, W. H. Matterson, 3328 Maple avenue, Oakland. Location, south Damuth west Lincoln avenue. Will contain five rooms bath and sleeping porch. Plans complete and work to be done by Day Labor.

REDWOOD CITY, SAN MATEO CO., CAL.—Residence, 1½ story and base, frame, $5,000. Architects, Charles Peter Weeks, Phelan Bldg., S. F. Owner, George Sperry. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

MENLO PARK, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, $9,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Morris. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence 2 story and base, frame, $4,000. Architect, John Stafford White, 15 th and Broadway, Oakland. Owner, Judge Henry A. Melvin. Location, Mt. Diablo Park. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

SAN RAFAEL, MARIN CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, Alfred Farr, Foxcroft Bldg., S. F. Owner, Henry Hansen. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are complete and work to be done by Day Labor.

KENTFIELD, MARIN CO., CAL.—Residence and laundry, 2, 1 story, frame. Cost not stated. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, William Kent. The servants quarters will contain seven rooms and two baths. A laundry also will be erected. Plans complete and figures being taken.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, $8,000. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Louis Hemrich. Location, Mt. Diablo Park. Will contain nine rooms, three baths and sleeping porches. Separate garage. Plans complete and segregated figures being taken.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $4,000. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Jenkin B. John. Location, Mt. Diablo Park. Will contain six rooms, bath and sleeping porch. Separate garage. Plans are being prepared.

YREKA, SISKIYOU CO., CAL.—Residence, 2 story and base, frame, $7,500. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, R. H. De Witt, Yreka. Will contain nine rooms and two baths. Plans complete and figures being taken.

SACRAMENTO, CAL.—Residence, 2 story and base, brick, $16,000. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owner, Mrs. G. W. Mills. Location, Yardley avenue. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans complete and figures to be called for shortly.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $15,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owner, B. F. Shepherd. Location, Ventura Vista Tract. Will contain eleven rooms, three baths and sleeping porches. Separate garage. Plans being prepared.

SAN MARINO, LOS ANGELES CO., CAL.—Residence, 2 story and base, reinforced concrete, $100,000. Architect, Robert D. Farquhar, Van Nuys Bldg., L. A. Owner, Rufus Spaulding. Location, Shenandoah Road. Only preliminary plans have been prepared and details cannot be given at this time. Further mention will be made of the work.

OXNARD, VENTURA CO., CAL.—Residence, 2 story and base, hollow tile. Cost not stated. Architect, Alfred F. Priest, Fay Bldg., L. A. Owner, Louis Maulhardt. Will contain 12 rooms and three baths. Separate garage. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Arthur R. Kelly, Story Bldg., L. A. Owner, C. B. Hersey. Location, Arden Boulevard, between 4th and 5th streets. Will contain fourteen rooms and three baths. Plans complete and figures to be called for shortly.

SEATTLE, WASH.—Sorority house, 3 story and base, frame. Cost not stated. Architect, Bruce W. Roberts, Arcade Bldg., Seattle. Owner, A. T. Churchill. Location, 18th avenue. Will contain twenty rooms and a number of private baths. Plans complete and subfigures to be taken.

OAKLAND CAL.—Residence, 1 story and base, frame, $3,000. Architect, none. Owner, Andrew Anderson, 3030 Arkansas street, Oakland. Location, [illegible] and base, frame, $2,000. Architect, [illegible] Will contain five rooms and bath. Plans complete and [illegible] Day Labor.

[illegible] SANTA [illegible] CAL. Residence [illegible] $4,000. Architect H. C. Hyde, 31 Kearny street, S. F. Cost not given. Will contain seven [illegible] bath and sleeping porch. Separate garage. Plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL.—Residence, 2 [illegible] and base, [illegible] tile, $40,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Karl Steinlein. Contractors, Milwaukee Building Co. Contract price, $40,000.

SAN FRANCISCO—Residences, 4, 1½ story and base, frame, $3,000 each. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, The Dawson Co. Location, west 47th avenue north Cabrillo. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

LIVERMORE, ALAMEDA CO., CAL.—Residence, 2 story and base, brick, $15,000. Architect, H. C. Bauman, 251 Kearny street, S. F. Owner, C. P. Raboli. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

SCHOOLS.

BURBANK, SCHOOL DISTRICT SANTA CLARA CO., CAL.—School, 1 story, frame. Cost not stated. Architect, F. D. Wolfe, Auzerais Bldg., San Jose. Owners, Burbank School District. Will contain five class rooms. Plans complete and bids to be opened on April 10th.

YREKA, SISKIYOU CO., CAL.—Schools, 1, 2 story and 2 story brick and frame, $125,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Siskiyou County. Location, Yreka Fort Jones, Sissons, McCloud and Dorris. The Yreka building will contain high school and grammar grades, the Fort Jones a junior high school and the other buildings grammar schools. Bids to be called for at once.

PLACERVILLE, EL DORADO CO., CAL.—Schools, [illegible] and frame, $27,000. Architect, N. W. Sexton, Merchants' National Bank Bldg., S. F. Owners, City of Placerville. All bids for this work have been rejected. Plans are being revised and new bids will be called.

SACRAMENTO, CAL.—[illegible] base, [illegible] stated. Architects, [illegible] quist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Location, property bounded by E, F, 17th and [illegible] streets. [illegible] Plans complete and [illegible] taken. Bids [illegible] April 15th.

Contract Awarded.

COLUSA, COLUSA CO., CAL. School, 2 story and base reinforced concrete, $90,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Colusa. Contractor, I. S. Hannah, Williams Bldg., S. F., general construction, $81,000. A complete list of these bids will be found under the heading of Bids Opened in this issue.

FORT BIDWELL, MODOC CO., CAL. School 1 story, brick and stone, $9,000. Architect's name not given. Owners, Fort Bidwell School District. Contractor, J. A. Blunt, Fort Bidwell. Contract price, $9,500.

SEWERS, STREET WORK & WATER SYSTEMS.

OAKLAND, CAL. Safety stations, reinforced concrete. Cost not stated. Engineer City Engineer, Oakland. Owners, City of Oakland. No bids were received by the Oakland City Council for the construction of two reinforced concrete safety stations at 36th and Telegraph. The work will probably be done by the city.

STOCKTON, SAN JOAQUIN CO., CAL.—Sewer construction. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Bids will be opened on March 30th at 10:30 a. m. for the construction of a 16-inch, vitrified, pipe sewer at intersection of Wyanandotte street with the Lower Sacramento road, a portion of Kennington Way, etc.; also for constructing a 36-inch diameter sewer of redwood staves, commencingg at the intersection of the center line of West street and South avenue, etc. Also for constructing 26 man holes with concrete walls and bottoms and cast iron covers.

LODI, SAN JOAQUIN CO., CAL.—Electrolier system. Cost not stated. Engineer, City Engineer, Ldoi. Owners, City of Lodi. The Business Men's Association is consulting with the City Trustees with the intention of constructing an electrolier system in all the streets of the city. The light will be provided free by the city if the property owners will purchase the electroliers, is the plan under which the system will be constructed.

STOCKTON, SAN JOAQUIN CO., CAL.—Siphon. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Bids will be opened on March 30th at 10:30 a. m. for constructing a 20-inch cast iron siphon crossing Smith Canal, with a special manhole at each end and 93.3 feet of 24-inch, vitrified, salt-glazed, ironstone sewer pipe.

STOCKTON, SAN JOAQUIN CO., CAL. Street improvements. Cost as follows. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council at its last meeting opened bids for street work in McCloud's addition in North Stockton, and action on awarding the contract was laid over as all bids were considered too high. The bids received wer as follows: Federal Construction Co., Sharon Bldg., San Francisco $45,796.31; Pahl & Caldwell, Stockton, $44,102.68; Clark & Henery, Stockton, $40,238.83; M. A. Greely, San Francisco, $39.962.89. The City Engineer's estimate for the work was $38,-227.99. Greely, the lowest bidder is a member of the firm of Ehrhart & Greely of San Francisco.

EUREKA, HUMBOLDT CO., CAL. Road Construction. Cost not stated. Engineer, County Surveyor, Eureka. Owners, Humboldt County. Bids will be opened on April 10th at 2 p. m. for the construction of four miles of the Lord-Ellis road near Blue Lake in Road District No. 3.

RICHVALE, BUTTE CO., CAL.—Culverts and crushed rock, etc. Cost not stated. Engineer's name not given. Owners, Drainage District No. 100, Richvale. Bids will be opened on April 10th at 7:30 p. m. for the construction of concrete culverts and for furnishing cement and broken rock or gravel for drainage district No. 100 of Butte County. For the construction of concrete culverts, including the furnishing of reinforcing steel; also sealed proposals for furnishing cement and broken rock or gravel to the said district. The work to be done under said proposals constitutes only a part of the drainage work planned for the district. The estimated amount of concrete work is 700 yards, of cement wanted is 2000 barrels, of broken stone is 2,000 cubic yards.

SACRAMENTO, CAL.—Cement, rock and sand. Cost as follows. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Bids for furnishing 175,000 barrels of cement and a large quantity of sand for use in constructing the Sacramento County highway system have been rejected. It is the intention of the Supervisors to purchase these materials in the open market. A contract for 100,000 tons of crushed rock was awarded to the Natomas Consolidated Co., of Oroville, on their bid of 55 cents per ton, F. O. B., Oroville or Fairoaks. The Contra Costa Construction Co., of Berkeley, was awarded the contract for unloading the materials on their bid of 14 cents per ton.

VISALIA, TULARE CO., CAL.—Comfort station, brick. Cost not stated. Engineer, County Surveyor, Visalia. Owners, Tulare County. Bids will be received by the Board of Supervisors up to 2 p. m. of April 3rd for the construction of a brick comfort station in Mooney Park (Tulare County Park), in accordance with plans and specifications on file at the office of the Board. Certified check for 10 per cent required. Geo. H. Prestidge is Clerk of the Board.

MODESTO, STANISLAUS CO., CAL.—Highway construction. Cost not stated. Engineer County Surveyor, Modesto. Owners, Stanislaus County. For the construction of approximately 3.81 miles of cement concrete road, 16 feet in width, beginning at the end of East Main street in the city of Turlock and running thence northerly and easterly to the east line of the town of Denair; also approximately 2.208 miles of cement concrete road 16 feet in width, beginning at the south line of the city of Turlock and running thence southerly to the county line between the counties of Stanislaus and Merced; thus making a total length of approximately 6.018 miles, said roads being known as the Denair and Irwin City Roads. Also for bids for the construction of approximately 2,882 miles of cement concrete road 16 feet wide, beginning at the T. I. D. main canal southeast of Hickman and running in a northwesterly direction to a pont intersecting the section line between M. D. B. M., also approximately 8.222 miles of cement concrete road, a part of which is 12 feet wide and remainder 16 feet in width, beginning at the S. P. R. R. at Waterford and running thence in an easterly direction to the Roberts Ferry bridge; thus making a total of approximately 11.104 miles, said roads being known as the Hickman-Thalheim and Waterford (section C) roads. Also bids for the construction of approximately 9.876 miles of cement concrete road 16 feet in width on the Newman-Westley road (section B), beginning at a point about midway between Crows Landing and Patterson, running in a northwesterly direction to the north line of the townsite of Westley.

WASCO KERN CO., CAL.—Lighting system. Cost not stated. Engineer, City Engineer, Wasco. Owners, City of Wasco. By a vote of 86 to 12 the people of Wasco adopted the proposed lighting system for the thriving city and vicinity. According to the plans the cost of the proposed system will be decided upon by the residents who will be levied upon as per the appraised property value.

FRESNO, FRESNO CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be received by the City Clerk shortly for improving Calaveras street, from H street to Daviadero street, by grading, curbing and guttering, with 1½-inch bitulithic surfacing on 4-inch cement concrete base, and the construction of corrugated iron culverts. Plans and specifications are on file at the office of the City Engineer.

MODESTO, STANISLAUS CO., CAL.—Highway improvement. Cost not stated. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. All bids for construction of highway from Denair to Irwin City, 6.018 miles, have been rejected because too high, and new bids will be received until April 10th by Hugh Benson, County Clerk.

BAKERSFIELD, KERN CO., CAL.—Sidewalks, etc. Cost not stated. Engineer, none. Owners, City of Bakersfield. Bids will be opened on April 15th at 9 a. m. for the furnishing of all materials and labor necessary to grade, fill, plane and complete all sidewalk and curb for the entire length of the south side of the Bryant School property, or block 196.

SANTA ROSA, SONOMA CO., CAL.—Cement. Cost not stated. Engineer, City Engineer Santa Rosa. Owners, City of Santa Rosa. The City Council has rejected all bids received for furnishing 150 barrels of cement for use in street work and new bids have been ordered received.

VALLEJO, SOLANO CO., CAL.—Street miprovements. Cost not stated Engineer, City Engineer, Vallejo. Owners, City of Vallejo. Steps are being taken by the City Engineer for improvement work proposed by the members of the Eastern Park Improvement Club. The engineer's map for the work calls for a 16-foot paved roadway on each side of an 8-foot parking space, and 20-foot sidewalks in Monterey street, between Capitol and Kentucky streets; Florida street, between

Alameda and Colusa street, and Kentucky street, between Alameda and Monterey.

SANTA BARBARA, SANTA BARBARA CO., CAL. Street improvements. Cost not stated. Engineer, City Engineer, Santa Barbara. Owners, City of Santa Barbara. Bids will be received by the City Clerk up to 2 p. m. of April 5th for improving portions of Canyon Perdido street and San Andres street, by grading and paving with 2-inch asphalt on 4-inch concrete base, and by constructing concrete curb and gutters, stone curbs, vitrified pipe sanitary sewer, five manholes, thirteen catchbasins, etc., all in accordance with plans and specifications on file at the office of the City Engineer. Certified check or bond for 10 per cent required. A. Christine Hall is the City Clerk.

LOS ANGELES CAL.—Sewer construction. Cost as follows. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Lea Miletich was the lowest bidder at $16,900 for the construction of a sewer in Topaz street, from Huntington Drive to Galena street, and in portions of other streets. The other bids were: Mike Chutuk, $17,818; B. Z. Wucetich, $21,450; B. Zaich, $23,333.

RIVERSIDE, RIVERSIDE CO., CAL.—Highway improvements. Cost not stated. Engineer, County Surveyor, Riverside. Owners, Riverside County. Bids will be opened on April 4th at 10 a. m. for the improvement of a portion of the roads of Coral Reef Permanent Road Division. Said improvements consisting in part of grading, surfacing with gravel and oiling, approximately 4½ miles of roadway, grading and brushing 20¼ miles of roadway, and clearing and grading 6½ miles of roadway.

UPLAND, SAN BERNARDINO CO., CAL.—Sewer system, $50,000. Engineers, Olmstead & Gillelen, Hollingsworth Bldg., L. A. Owners, City of Upland. The system will require about 17,000 feet of outfall sewer, which will be built by bond issue. The lateral sanitary sewer system will be constructed under the provisions of the Vrooman Act.

SEAL BEACH, LOS ANGELES CO., CAL.—Sewer construction. Cost as follows. Engineers, Olmstead & Gillelen, Hollingsworth Bldg., L. A. Owners, City of Seal Beach. John Sutalo, 476 Bell street, L. A., was the lowest bidder at $33,619 for constructing the sewer system. Alternate bids were taken on both vitrified and concrete pipe, the price bid being the same. The next lowest bid was submitted by J. Chutuk for $34,382.58.

VENTURA, VENTURA CO., CAL.—Highway construction. Cost as follows. Engineer, County Surveyor, Ventura. Owners, Ventura County. The Brasher-Burns Co., Van Nuys Bldg., L. A., was the lowest bidder at $31,601.66 for improving Division 3, Fillmore to Pinu road, consisting of 7.54 miles of 4-inch concrete paving 16 feet wide, and constructing concrete and metal pipe culverts. The bid was taken under advisement for one week.

TACOMA, WASH. — Highway construction. Cost not stated. Engineer, County Surveyor, Tacoma. Owners, Pierce County. Bids will be received by the Pierce County Commissioners, Thos. H. Morris, County Auditor, Tacoma, until April 12th for the construction of two miles of Permanent Highway No. 8-A, known as the Pacific Highway, by grading, clearing, grubbing and constructing culverts and for the paving of a portion with any of the following: Brick, monolithic, one-course concrete, bitulithic, Warrenite or Topeka. Plans for the improvement may be had of County Engineer D. H. White.

Contract Awarded.

OAKLAND, CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Council has awarded contracts for street and sewer work as follows:

(1) That Kennedy street, from Boehmer street to Shasta avenue, be graded, curbed with redwood, guttered with concrete gutters three feet wide, and paved with oil macadam; also that a cast iron and concrete culvert, having two granite header blocks, be constructed; also that a vitrified pipe sewer, having an internal diameter of 8 inches, also a vitrified pipe manhole and vitrified pipe Y branches. Awarded to A. H. Kupperud, 2030 High St., Oakland.

(2) That a vitrified pipe sewer, having an internal diameter of 8 inches, be constructed along a line described as follows: Beginning at a point on the center line of Dimond avenue, distant therefrom 140 feet south from the south line of Hopkins street, thence south along said center line of Dimond avenue 255 feet; thence east at right angles to said center line of Diamond avenue to the existing sewer in Fruitvale avenue; also that two brick manholes, a lamphole and Y branches, having 5-inch openings, be constructed. The aforesaid sewer, Y branches and lamphole (excepting the top thereof) shall be constructed of vitrified sewer pipe. Awarded to J. Catucci, 1230 13th avenue, Oakland.

(3) That a vitrified pipe sewer, having an internal diameter of 8 inches, of 24th street, from the center line of 24th street, from the center line of Union street to a point distant 245 feet east therefrom, measured along said center line of 24th street; also a brick manhole, a vitrified pipe lamphole and vitrified pipe Y branches, having 5-inch openings. Awarded to M. P. Cambar, 1044 91st avenue, Oakland.

SAN RAFAEL, MARIN CO., CAL.—Street paving. Cost as follows. Engineer, City Engineer, San Rafael. Owners, City of San Rafael. At the last meeting of the City Council a contract was awarded for asphalt dressing on H. G. B, Fifth and Irwin streets, and Grand avenue to the Richmondite Paving Co., for $4,824.05.

PETALUMA, SONOMA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer Alvin Horwage ,Petaluma. At the last meeting of the City Council contracts for furnishing cement and gravel to be used in the improvement of Third street, from C to E streets, were awarded as follows: For cement to Camm &

[illegible] Co., [illegible] Santa Rosa. For gravel to Grant Grave Co. of Healdsburg.

SANTA ROSA, SONOMA CO. CAL.—Furnishing asphalt. Cost as follows. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. The City Council has awarded a contract to the Standard Oil Co. for furnishing a penalty at $[illegible] a ton for grade D and $[illegible] for grade E. The asphalt will be used in the improvement of Fourth street.

MODESTO, STANISLAUS CO., CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Modesto. Owners, City of Modesto. Contract for improvement of [illegible] has been awarded to the Central California Paving Co., Schafer Bldg., Modesto, at 1½ cents per square foot for grading, 13½ cents per square foot for paving, 85 cents per linear foot for concrete gutters, and 14 cents per foot for concrete curbs.

DOUGLAS, ARIZ. — Street improvement. Cost as follows. Engineer, City Engineer, Douglas. Owners, City of Douglas. The S. C. Contracting Co., Washington Bldg., L. A., was awarded the contract at about $340,000 for improving streets at Douglas, the work involving about 140,000 square yards of paving. The unit prices were $2.10 per square yard for concrete paving, $1.70 per square yard for concrete base and Topeka top, 14.25 cents per square foot for sidewalk, 44 cents per linear foot for curb, 25 cents per square foot for gutter, $12 per foot for culverts.

LONG BEACH, LOS ANGELES CO., CAL.—Seal wall, etc. Cost as follows. Engineers, Koebig & Koebig, Title Insurance Bldg., L. A. Owners, City of Long Beach. H. W. Schlueter, 1225 Maryland street, L. A., has been awarded a contract at $54,476 for constructing a combined reinforced cement concrrete sea wall of Schlueter interlocking slab type and reinforced concrete sidewalk with longitudinal center wall, end walls, steps, lighting standards and their appurtenances, all of reinforced concrete and vitrified clay pipe culverts along 1800 linear feet of Seaside Boulevard. Carl Sortiras, Black Bldg., L. A., was the only other bidder at $58,000.

STORES AND OFFICES.

SAN FRANCISCO. Stores and lofts, 4 story and base, brick and concrete. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner's name not given. Location, Davis street, covering an area of 60 by 120 feet. Plans being prepared.

EUREKA, HUMBOLDT CO., CAL. Bank and offices 5 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Roy Carruthers, Palace Hotel, S. F., et al. Location, southeast 5th and F streets. First floor leased to First National Bank. Construction to be carried on by Lindgren Co., Monadnock Bldg., S. F. Plans being prepared.

OAKLAND, CAL. [illegible] 7 story and base, Class A construction, $200,000. Architect, Walter D. Reed, Oakland Bank of Savings, Oakland. Owner, L. C. Stevens, Location,

northwest Grand and Webster, covering an area of 117 by 90 feet. Will contain stores and offices. Plans are being prepared.

OAKLAND, CAL. Stores, 1 story, mezzanine and base, reinforced concrete, $75,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Iceberger. Location, gore corner Broadway and Piedmont, covering an area of 250 by 250 feet. Will contain five stores and two large automobile sales rooms. Plans are being prepared.

Contract Awarded.

SAN FRANCISCO. Stores and offices, 6 story and base. Class F construction. $110,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pope Estate. Contractors, Cameron & Disston, Hearst Bldg., S. F. Contract price, $110,000.

THEATRES.

TILLAMOOK, ORE. — Theatre and stores, 2 story and base, brick, $12,000. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owner, M. W. Harrison. Will cover an area of 55 by 105 feet. First floor arranged for theatre and stores. Upper floor for apartments. Plans are being prepared.

SEALED PROPOSALS.

PROPOSALS FOR EXCAVATORS.

EXCAVATORS—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received by the United States Reclamation Service, Denver, Colo., until **2 o'clock p. m. April 4, 1917,** and will at that hour be opened, for furnishing dragline excavators. For particulars, address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. DAVIS, chief engineer.

PROPOSALS FOR PUMPING MACHINERY.

PUMPING MACHINERY — Department of the Interior, U. S. Reclamation Service, Washington, D. C.,—Sealed proposals for furnishing pumping machinery for the Yuma Valley drainage plant, Yuma project, Arizona, will be received at the office of the United States Reclamation Service, Denver, Colo., until **2 o'clock p. m. April 18, 1917,** and will then be opened. The work is located near Yuma, Ariz. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. DAVIS, chief engineer.

PROPOSALS FOR INDIAN SUPPLIES.

INDIAN SUPPLIES—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Indian Supplies" and addressed to the commissioner of Indian Affairs, No. 608 Howard street, San Francisco, Cal., will be received until **1 o'clock p. m. of Monday, April 2, 1917,** and then opened, for furnishing the Indian Service with groceries, furniture, paints, oils, harness, leather, agricultural implements, stoves, tinware, hardware, glassware, etc. Schedules giving all necessary information for bidders will be furnished upon application to the Indian Office, Washington, D. C., and the U. S. Indian warehouses at Chicago, St. Louis and San Francisco. The department reserves the right to reject any and all bids or any part of any bid. CATO SELLS, commissioner.

PROPOSALS FOR EXCAVATING.

EXCAVATION—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, St. Ignatius, Mont., until **2 o'clock p. m. April 5, 1917,** and will then be opened, for the construction of laterals on the Flathead project, Montana, involving about 285,000 cubic yards of excavation. The work is in two divisions, one located from 18 to 25 miles north of Perma, Mont., and the other from 9 to 15 miles northeast of Dixon, Mont., both towns being stations on the Northern Pacific Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or St. Ignatius, Mont. A. P. DAVIS, chief engineer.

PROPOSALS FOR RECLAMATION WORK.

RECLAMATION WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals for the construction of canals and structures on the Sun River project, Montana, involving about 71,000 cubic yards of excavation, 480 cubic yards of reinforced concrete, the laying of 3,300 linear feet of concrete pipe and the placing in wooden structures of about 70,000 feet, b. m., of lumber will be received at the office of the United States Reclamation Service at Fort Shaw, Mont., until **2 o'clock p. m. March 29, 1917,** and will at that hour be opened. The work is situated about 30 miles northwest of Great Falls, Mont., between the towns of Bole, Sloan and Cordova on the Choteau branch of the G. N. Railway and Fairfield and Ashuelet on the Choteau branch of the C. M. & St. P. Railway. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Fort Shaw, Mont. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 9, 1917.—SEALED PROPOSALS will be opened in this office **at 3 P. M., April 20, 1917,** for the construction of the United States Post

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason., Cal. — SEALED PROPOSALS, in triplicate, for improvements to Water Supply System, Presidio of San Francisco, will be received here **until 11 A. M., April 7, 1317,** and then opened. Further information on application. (*)

NOTICE TO CONTRACTORS.

DREDGE FOR SALE.

BIDS will be received at the office of W. J. Roberts, Chief Engineer, Inter-County River Improvement, 401 Court House, Tacoma, Washington, **until noon April 22, 1917, for the purchase of a 20-inch hydraulic electric dredge with pontoons, pipe, derrick scow and other equipment.** Each bid must be accompanied by a certified check for 5% of amount bid, payable to the Treasurer of Pierce County, Washington. Full information on application. (*)

RIO VISTA, Cal.—The official approval by the War Department of the plans for the proposed bridge which Sacramento and Solano Counties will build across the Sacramento River at Rio Vista have been presented to the City Commission. The estimated cost of the bridge is $150,000.

YREKA, Siskiyou Co., Cal.—A delegation of Scott Valley residents among whom is Supervisor W. D. Mathews of Fort Jones, have presented a petition to the Board of Supervisors stating they will appear before the Board on April 2d and ask that an election be called to have an irrigation district formed to complete 40,000 acres.

POLK IS OFFICER OF SURVEYORS OF STATE.

Martin C. Polk, county surveyor of Butte county and city engineer of Chico, was elected vice president of the California State Association of County Surveyors at the convention held in Sacramento.

W. A. McCulloch, Milo, Cal., desires to get in touch with firms wrecking auto and gas engines.

J. Ben Hall, 206 Church-White Block, Pocatello, Idaho, is in the market for aluminum dies for die casting work.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.

of BUILDING AND ENGINEERING NEWS published weekly at San Francisco, California, for April 1st, 1917.

State of California, City and County of San Francisco, ss.

Before me, Chalmer Munday, a Notary Public, in and for the State and county aforesaid, personally appeared L. A. Larsen, who, having been duly sworn according to law, deposes and says that he is the Owner of the Building and Engineering News.

Publisher, L. A. Larsen, San Francisco, Cal.

Editor, L. A. Larsen, San Francisco, Cal.

Managing Editor, L. A. Larsen, San Francisco, Cal.

Business Manager, L. A. Larsen, San Francisco, Cal.

Owner, L. A. Larsen, San Francisco, Cal.

That the known bondholders, mortagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities: None.

L. A. LARSEN, Owner.

Sworn to and subscribed before me this 21st day of March, 1917.

CHALMER MUNDAY,
(My commission expires Oct. 18, 1917.)
[SEAL]

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ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

APARTMENT HOUSE 5 story and base. Class C construction, $85,000. San Francisco. Architects, Faleh & Knoll, Hearst Bldg., S. F. Owner, Antone Rulfs. Location, north Geary west Leavenworth, covering an area of 55 by 137½ feet. Will contain 24 apartments of two and three rooms. Contract for grading awarded to Dillon Grading and Teaming Co. Segregated figures to be taken for the balance of the work.

APARTMENT HOUSE—3 story and base, frame, $20,000. San Francisco. Architect, none. Owner, William J. Keenan, 3 Atalaya Terrace, S. F. Location, northeast Atalaya Terrace and Fulton street, covering an area of 72½ by 107 feet. Will contain twelve large four-room apartments. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE —3 story and base, frame, $40,000. San Francisco. Architect, none. Owner, C. J. Keenan, 300 Webster street. S. F. Location, west Stockton north Pine, covering an area of 40 by 120 feet. Will contain 29 apartments of three rooms and bath. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE —3 story and base, frame, $30,000. San Francisco. Architect, Joseph Cahen, 333 Kearny street, S. F. Owners, Joseph Cahen and James Oppenheimer. Location, south Washington east Presidio. Will contain five residential apartments of four and five rooms. Plans complete and segregated figures to be taken.

RESIDENCE - 2 story and base, frame. Cost not stated. San Francisco. Architects, Foulkes & Hildebrandt. Crocker Bldg., S. F. Owner, Herbert F. Hellwig. Location, St. Francis Wood. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCE - 2 story and base, frame, $5,000. San Francisco. Architect, none. Owners, Allen & Co., 125 Sutter street, S. F. Location. east 28th avenue north California. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE 1½ story and base, frame, $5,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Mr. Goldmeyer. Location, 38th avenue and Fulton. Will contain seven rooms, bath and basement garage. Plans being prepared.

RESIDENCE 1½ story and base, frame, $3,500. San Francisco. Architects, Heiman & Schwartz. 212 Stockton street, S. F. Owner's name not given. Location, Claremont Court. Will contain seven rooms, bath and basement garage. Plans complete and figures to be called for shortly.

FLATS 2, 2 story and base, frame, $5,500 each. San Francisco. Architects, Harris & Antonovich, 20 Montgomery street, S. F. Owner, H. Helbush, 7- Sutter street, S. F. Location, east Arguello Boulevard east Euclid. Each building will cover an area of 25 by 75 feet and will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

FLATS—3 story and base, frame, $5,600. San Francisco. Architect, none. Owner, V. Fillippis, 866 Union street, S. F. Location, west Leavenworth south Filbert. Will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

FLATS—3 story and base, frame, $9,000. San Francisco. Architect, Paul J. Capurre, 1844 Powell street, S. F. Owner, Peter S. Cerruti. Location, southwest Columbus avenue and Taylor street. Will contain three stores and four flats. Plans complete and work to done by Day Labor.

FACTORY ADDITION — 2 story, Class C construction, $6 000, San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owners, Arthur and Ethel Elvin. Location, 431 Jessie street, covering an area of 35 by 60 feet. Plans complete and work to be done by Day Labor.

GARAGE—1 story and base. Class A construction $18,000. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Location, south of Marrket street corner, covering an area of 75 by 125 feet. Plans are being prepared.

FLATS—2, 2 story and base, frame. $5,000 each. San Francisco. Architect, none. Ownner, J. Johnson, 266 17th avenue, S F. Location, west 15th avenue south Balboa. Each building will contain two flats of five and six rooms. Basement garages. Plans complete and work to be done by Day Labor.

LIBRARY—1 story and base, brick and concrete, $40,000. San Francisco. Architects, Coxhead & Coxhead, Hearst Bldg., S. F. Owners, City and County of San Francisco. C. E. McMullen, 110 Jessie street, presented the lowest bid for teh general construction and will probably be awarded the contract. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

MUNICIPAL RAILROAD CONSTRUCTION, ETC.—Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. The following contracts have been awarded by the Board of Public Works for furnishing various items in the constrruction of the Municipal Railway: To Eccles & Smith, 71 First street, S. F., for furnishing tie plates and anti-creepers. To Payne's Bolt Works, 133 Howard street, S. F., for furnishing tie rods, and to the U. S. Steel Products Co., Rialto Bldg., S. F., for furnishing rail spikes and rail braces. The Board requested the Supervisors to appropriate $1,5 6 to cover the cost of the above contracts.

RESIDENCES 4, 1½ [illegible] and base frame $3,000 each. San Francisco. Architects, Roulleau & Roulleau, 110 Sutter street, S. F. Owners, The Dawson Co. Location west 14th avenue north Cabrillo. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

STORES, 2, 2 story and base. Class C construction, $12,000 each. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner's name not given. Location, northeast Sutter and Stockton, covering areas of 26 by 39 and 30 by 49 feet. Plans being prepared.

STORES AND LOFTS 4 story and base, brick and concrete. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner's name not given. Location, Davis street, covering an area of 60 by 120 feet. Plans being prepared.

Contract Awarded.

CLUB HOUSE 2 story and base, frame and plaster, $35,000. San Francisco. Architect, John Reid, Jr., First National Bank Bldg., S. F. Owners, Lakeside Golf Club. Contractor. Frank M. Garden Co., 251 Kearny street, S. F. Contract price, $35,000.

STORES AND OFFICES—6 story and base Class B construction $110,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pope Estate. Contractors, Cameron & Disston, Hearst Bldg., S. F Contract price, $110,000.

STORES—2, 2 story and base. Class C construction, $12,000 each. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner's name not given. Location, northeast Sutter and Stockton, covering areas of 26 by 39 and 30 by 49 feet. Plans being prepared.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor.	Amt.
741	Dunn	Jones	100
757	Strand	Novelty	1000
763	Comm'l Rlty	Moller	30000
764	Lange	Lange	100
765	Lowry	Nichols	100
766	Shahan	de Ruddi	450
767	Weiss	Weiss	1500
768	Baker	Emanuel	850
769	Solari	Metter	750
760	McShane	McShane	900
761	Lick	Chrisholm	1000
762	Delucchi	Delucchi	1,000
763	Soule	Soule	600
764	Cowell	Haun	1448
765	Montgomery	Scott	1720
766	Lloyd	Neal	2700
767	James	Rex	750
768	Hibernia	Hibernia	50
769	Crocker	Robinson	650
770	Baaser	Baaser	1000
771	Barman	Barman	400
772	McGrath	McGrath	500
773	Payne	O'Donald	
774	Same	Hurley	—
775	Same	Sunset	
776	Same	Pinkerton	
777	Same	Brodelett	
778	Same	McCallum	
779	Dupuy	Eccles	750
780	Same	Oest	450
781	Same	[illegible]	[illegible]
782	Same	Knight	
783	Kuner	P Higgs	1150

784	Same	Scott	1325
785	Sunset Bldg	McCarthy	7802
786	Goldstein	Goldstein	3000
787	Carlson	Stanquist	400
788	Eiberger	Eiberger	600
789	Anderson	Anderson	400
790	Cal Brwg Assn	Owner	500
791	Banks	Trimletti	100
792	Knights Clubs	Chrisholm	2000
793	Artigues	Artigues	1500
794	O'Donoghue	Pockman	6572
795	S F Golf Club	Mangrum	3544
796	Sharon	Newberry	940
797	Same	Dalziel	873
798	Same	Barrett	19651
799	Helbush	Helbush	5500
800	Same	Same	5500
801	Cerruti	Cerruti	9000
802	Stephenson	Stephenson	450
803	Bynon	Bynon	1100
804	Crobben	Randall	1000
805	Fripps	Filipps	5600
806	Giacobbi	McClenahan	10870
807	Euphret	Cuneo	3372
808	Dresel	Holt	11270
809	Walsh	Forbes	4600
810	Same	Pac Mfg	3050
811	Same	Brady	3731
812	Same	Morehouse	2500
813	Same	Scott	1740
815	Same	Same	3000
816	Same	Same	3000
817	Same	Same	3000
818	Gerard	Gerard	20000
819	Same	Same	20000
820	Neustadter	Macdonald	67000
821	Spalding	Kelly	1200
822	Greslat	McKay	2700
823	Craig	Urfer	1000
824	Welch	Collman	450
825	Heyman	Heyman	1900
826	Elvin	Elvin	5800
827	Allen	Allen	5000
828	Johnsnon	Johnson	5000
829	Same	Same	5000
830	Robinson	Nelson	2600
831	Wolfenbarger	Henderson	2770
832	Howard	Petersen	690
833	Same	B C Van Emon	995

(751) NO. 2524 FILBERT. Alter for garage.
Owner.....Mrs. A. Dunn, 1624 Buena Vista Ave., Berkeley.
Architect ...None.
Contractor..H. W. Jones, 1432 Carlton, Berkeley.
COST, $400

(752) NO. 965 MARKET. Two electric signs.
Owner.....Strand Theatre, Premises.
Architect ...None.
Contractor..Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $1000

(753) NE STOCKTON AND GREEN. Two-story and basement brick stores and offices.
Owner.....Commercial Center Realty Ca., 736 Call Bldg., S. F.
Architect ...None.
Contractor..R. W. Moller, 736 Call Bldg., San Francisco.
COST, $30,000

(754) NO. 199 CARL. One-story frame garage.
Owner.....E. Lange, Premises.
Architect ...None.
Day's work. COST, $400

(755) NO. 10 MISSION. New front.
Owner.....Miss N. M. Lowry, 151 Sutter, San Francisco.
Architect ...None.
Contractor .H. D. Nichols, 1381 Stevenson, San Francisco.
COST, $400

(756) NO. 632 CLEMENT. Alter fronts
Owner .....Mrs. A. Shahan, 634 Clement, San Francisco.
Architect ...None.
Contractor .A. De Ruddi, 634 Clement, San Francisco.
COST, $450

FRAME DWELLING
(757) S HARKNESS 30 E Goettingen. One-story and basement frame dwlg.
Owner.....Paul Weiss, 225 Harkness, San Francisco.
Architect ...None.
Day's work. COST, $1500

ALTERATIONS
(758) SW POST AND KEARNY. Alter entrances.
Owner.....C. H. Baker, Premises.
Architect ...None.
Contractor..L. & E. Emanuel, Inc., 144 12th, San Francisco.
COST, $850

ALTERATIONS
(759) NO. 354 GEARY. Re-arrange basement.
Owner.....J. Solari, Premises.
Architect ...Oliver Everett, 1940 Webster, San Francisco.
Contractor..L. Metter, 359 Capp, S. F.
COST, $750

ALTERATIONS
(760) NOS. 370-2 WALLER. Raise and add to dwelling.
Owner.....Wm. J. McShane, 378 Waller, San Francisco.
Architect ...None.
Day's work. COST, $400

REPAIRS
(761) SE MISSION AND FIFTH. Repair fire damage.
Owner.....Lick Hotel, Premises.
Architect ...S. Schnaittacher.
Contractor..R. T. Chrisholm, 180 Jessie San Francisco.
COST, $1000

FRAME APARTMENTS
(762) E SAN JOSE AVE 226 N 26th. Three-story and basement frame (9) apartments.
Owner.....J. J. Delucchi, 14 Eugenia Ave., San Francisco.
Architect ...Phillip Schwerdt.
Day's work. COST, $12,000

FRAME WAREHOUSE
(763) SW DIVISION AND POTRERO Ave. One-story frame warehouse.
Owner.....Edward L. Soule Co., 916 Rialto Bldg., S. F.
Engineer ...Edw. L. Soule Co., 916 Rialto Bldg., S. F.
Day's work. COST, $6000

CEMENT FLOOR
(764) W DRUMM 125 N Clay. Cement floor.
Owner.....H. Cowell Lime & Cement Co., 2 Market, S. F.
Architect ...None.
Contractor..C. C. W. Haun, 180 Jessie, San Francisco.
COST, $1248

HEATING APPARATUS
(765) NO. 2350 VALLEJO. All work for heating apparatus for building.
Owner.....Mrs. W. D. Montgomery or Charlotte S. Montgomery, Premises.
Engineer ...Leland & Haley, 8 Sutter San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
Filed Mar. 19, '17. Dated Mar. 13, '17.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $1720
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(766) LOT 3 BLK 3199 Westwood Park All work for one-story deck and basement frame residence.
Owner.....Efren Lloyd, 1101 Balboa Bldg., San Francisco.
Designer ...John E. McCarthy, 1310 13th Ave., San Francisco.
Contractor..Joseph Neal.
Filed Mar. 19, '17. Dated Mar. 17, '17.
Frame up and enclosed.....$675
Brown coated inside and outside 675
Completed and accepted..... 675
Usual 35 days..... 675
TOTAL COST, $2700
Bond, $1400. Sureties, Seth Walker and G. H. Walker. Limit, 65 days from March 19. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK
(767) NE BATTERY AND VALLEJO. Electrical work for two-story and basement concrete warehouse.
Owner.....Not Given.
Architect ...None.
Party of 2nd Part..W. T. Commary, 742 Market, San Francisco.
Party of 1st Part..The Rex Elec. & Eng. Co., 253 Minna, S. F.
Filed Mar. 19, '17. Dated Jan. 29, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1250
Bond, $625 Surety, National Surety Co. Limit, May 1. Forfeit, $25. Plans and specifications, none.
NOTE:—This contract is on the L. James warehouse.

ALTERATIONS
(768) NO. 454 VALENCIA. Install 5 new roof trusses.
Owner.....Hibernian Hall Association, Premises.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(769) NO. 1651 MARKET. Panel wainscot on walls of apartments.
Owner.....C. H. Crocker, Premises.
Architect ...None.
Contractor..Robinson & Gillespie, 1051 Market, San Francisco.
COST, $600

FRAME DWELLING
(770) N VANDIKE 200 E Lane. One-story and basement frame dwlg.
Owner.....A. Baaser, 1401 Underwood, San Francisco.
Architect ...None.
Day's work. COST, $1000

FRAME DWELLING
(771) NO. 1409 LYON. Cement front, etc., of dwelling.
Owner.....J. Barman, 230 11th, S. F.
Architect ...None.
Day's work. COST, $400

FRAME GARAGE
(772) NO. 566 TENTH AVE (rear). One-story frame garage.
Owner.....P. H. McGrath, Premises.
Architect ...None.
Day's work. COST, $500

EXCAVATION
(773) W POLK 60 S Hayes. Excavation for four-story and basement brick (31) apartments.
Owner.....Clyde S. Payne, 45 Kearny, San Francisco.
Architect ...W. G. Hind, 46 Kearny, San Francisco.

Contractor..P. O'Donald.
COST $

NOTE—Building will cost $15,000 and is now in course of construction, walls up to third story.

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(774) CONCRETE AND CEMENT work on above
Contractor..P. Hurley, 573 Elizabeth, San Francisco.
COST, $——

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(775) IRON WORK ON ABOVE
Contractor..Sunset Iron Works 1124 Folsom, San Francisco.
COST, $ ——

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(776) PLUMBING ON ABOVE.
Contractor..J. H. Pinkerton, 2266 Fulton, San Francisco.
COST, $——

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(777) ELECTRIC WORK ON ABOVE.
Contractor..Brouilett Elec Co., 492 Castro, San Francisco.
COST, $——

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(778) LUMBER AND MILL WORK ON above.
Contractor..J. H. McCallum, 710 Bryant, San Francisco.
COST, $——

ALTERATIONS
(779) NO. 140 TAYLOR. Carpenter work, plastering, etc., for alterations and additions to four-story brick building.
Owner.....Josephine Dupuy, 3065 Pacific Ave., S. F.
Architect ...Oliver Everett, 1940 Webster, San Francisco
Contractor..B. Becaas, 915 Pacific, S. F.
Filed Mar. 20, '17. Dated Mar. 14, '17.
Brown coated $222.50
Completed and accepted.. . 445.00
Usual 35 days..... 222.50
TOTAL COST, $890.00
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

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(780) PAINTING, PAPERING AND tinting on above.
Contractor..G. Orsi & Co., 41 Columbus Ave., San Francisco.
Filed Mar. 20, '17. Dated Mar. 14, '17.
Completed and accepted $345
Usual 35 days..... 115
TOTAL COST $460
Bond none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

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(781) PLUMBING, SEWERING AND gas fitting on above
Contractor..H. Ernst & Sons 677 Hayes San Francisco
Filed Mar. 20, '17. Dated Mar 14, '17.
Roughed in $293.00
Completed and accepted 146.50
Usual 35 days.. . . 146.50
TOTAL COST, $586.00
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

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(782) STEAM HEATING AND PIPING on above
Contractor..Knittle-Cashel Co., 1803 Ellis San Francisco
Filed Mar. 20, '17. Dated Mar. 14, '17.
Completed and accepted $397.50
Usual 35 days..... 132.50
TOTAL COST, $530.00
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

CLASS "C" SHOP
(783) SE GOLDEN GATE AVE AND Gough E 155 E 110 N 25 W 32-6 N 75 W 57-6. All work except heating and electric fixtures for one-story and basement reinforced concrete Class "C" machine shop.
Owner.....Anita A. Schulz, Mira A. Hill, Anna E and Bertha K. Kuner, Martha P. Gehrcke and Rudolph A. Kuner, 581 Dolores, S. F.
Architect ...August C. Headman, Phelan Bldg. San Francisco.
Contractor..V. Filippis, 866 Union, San Francisco.
Filed Mar. 20, '17. Dated Mar. 19, '17.
Excavation and fill completed and foundation completed $1300
Basement concrete walls, columns, beams, etc., and reinforced concrete floor poured 3000
Concrete work poured to roof line and plumbing and electric work done 3500
Roof timbers in & roofing done. 1500
Completed and accepted..... 3700
Usual 35 days..... 4450
TOTAL COST, $17,450
Bond, $8900. Sureties, Jos. H. Fiorio and Louis Figoni. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

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(784) HEATING WORK ON ABOVE.
Contractor..Scott Co., 243 Minna, S. F.
Filed Mar. 20, '17. Dated Mar. 19, '17.
Heating system roughed in....$300
Completed and accepted..... 693
Usual 35 days..... 332
TOTAL COST, $1325
Bond, none Limit, 90 days. Forfeit, $10. Plans and specifications filed.

BRICK STORES
(785) SE MARKET 155 SW from W Church SW 100 SE 100 NE 23-10½ E 110-9 3-10 N 82 W 14-9¾ SW 50 NW 100. All work for one-story brick building (6 stores) and repairs to old buildings in rear of lot.
Owner.....Sunset Realty Co., Care Elliott McAllister, 14 Montgomery, S. F.
Architect ...Welsh & Carey, Merchants National Bank Bldg., S. F.
Contractor..James F McCarthy, 432 Eureka, San Francisco.
Filed Mar. 20, '17. Dated Mar. 13, '17.
Rafters in place.....$2500
Plastering finished 2000
Finished and accepted..... 1351
Usual 35 days..... 1951
TOTAL COST, $7802
Bond, $3901. Sureties, P. J. Sullivan and Jerry Casey. Limit, 60 days from issuance of permit. Forfeit, none. Plans and specifications filed

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FRAME DWELLING
(786) E SIXTEENTH AVE 101 N Quintara. Two-story and basement frame dwelling.
Owner .....E Goldstein, 11 Davisadero. San Francisco.
Architect ...Dubeau & Sons, 765 Haght San Francisco.
Day's work COST $2[illegible]

ALTERATIONS
(787) NO. 3356 ARMY. Artificial stone floor in basement and plaster front

Owner.....John Carlson, Premises.
Architect ...None
Contractor..Work to be done by day's work
COST $[illegible]

ALTERATIONS
(788) W WILLARD n s McAllister. Move and alter dwelling
Owner ... M Ehrlich 115 Dolores, San Francisco
Architect ...None.
Day's work COST $[illegible]

ALTERATIONS
(789) NO. 312 HAROLD Place and alter cottage.
Owner ... E E Anderson 1 O'Farrell, San Francisco
Architect ...None.
Day's work. COST $300

ALTERATIONS
(790) NO. 762 FULTON. Alter barn for machine shop.
Owner.....California Brewing Association, 762 Fulton, S. F.
Architect ...None.
Day's work. COST, $500

ALTERATIONS
(791) NO. 1230 HOWARD. Alter for junk store.
Owner.....F. W. Banks.
Architect ...None.
Contractor..C. Trifiletti, 2218 Mission, San Francisco.
COST $400

FRAME HANDBALL COURT
(792) NO. 1428 GOLDEN GATE AVE Frame handball court.
Owner.....California Council Knights of Columbus, Premises.
Architect ...A. L. Lapachet, 110 Sutter, San Francisco.
Contractor..R. A. Chrisholm, 180 Jessie San Francisco.
COST, $2000

ALTERATIONS
(793) W GRANT AVE 78 N Pacific Alter store.
Owner.....Mrs Mario Artigues 63 Lake San Francisco
Architect ...P. Righetti, 668 Phelan Bldg., San Francisco.
Day's work. COST, $1500

FRAME MARKET
(794) SW TWENTY-SECOND AVE & California W 35xS 100. All work for one-story frame market building.
Owner.....Margt. and Dennis O'Donoghue.
Architect ...None.
Contractor..Leonard T. Pockman, 37th Ave and Geary, S. F.
Fled Mar. 21, '17. Dated Mar. —, '17.
Foundation completed . $[illegible]
Frame completed [illegible]
Brown coated [illegible]
Completed and accepted [illegible]
Usual 35 days . [illegible]
TOTAL COST $[illegible]
Bond, none Limit 90 days after Mar [illegible] 1917 Forfeit, none Plans and specifications filed.

STEAM HEATING
(795) NEW GOLF LINKS IN RO LA[illegible] and ventilating apparatus and hot water tank and oil burning equipment for two-story [illegible]
Owner ... The San [illegible] & [illegible]

The Sarsi Studios

359-361-363 GOLDEN GATE AVE., S. F. Phone Market 2970



A Conservatory Erected By Us In One Of The Mansions In Alameda County.

The Sarsi Studios, formerly on Oak Street, San Francisco, is now located at 361-363 Golden Gate Avenue, where a most comprehensive and instructive display room and studio has been installed.

Here will be found examples of antique and modern mantels in caen stone and artificial stone in endless variety as well as an endless display of garden furniture.

The various schools of design in mantels are displayed with appropriate setting, each mantel being in a room of its own. Here the Architect and the Owner can readily see the finished article as it will appear when fully installed.

The products of the Sarsi Studios will be found in many of the finer homes in California, and Builders have found that a Sarsi Studio Mantel is a distinct asset for the home; often being the means of selling the home for those who build to sell.

Mr. Sarsi has devoted a life time to his art, having studied abroad in the finest schools of Europe. There at the feet of the Masters of the ages he has drawn his inspiration. His service, experience, advice and art are at the disposal of those who seek for the finest in these lines.

Examples of Mr. Sarsis' decorative products will be found in most of the homes and grounds of our finest residences, and restricted residence tracts. Work has just been completed on four lions which are to guard the approaches to the Modesto Bridge now nearing completion of which Leonard and Day were the Engineers.

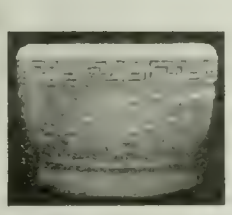
A visit to these studios is well worth the time of our Architects and Owners. The illustrations on these pages, give but a hint of what may be seen at Mr. Sarsi's Studios.



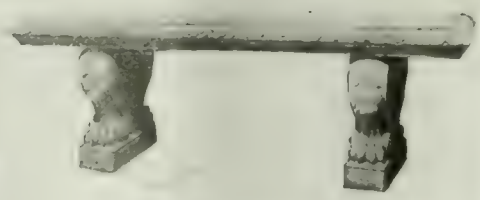
A Decorative Panel.



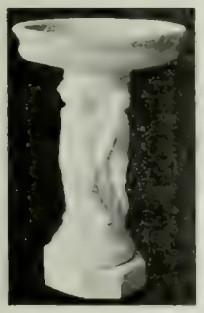
Garden and Hall Bench.



The Olive Leaf Pot



Bench in Pompeian Stone.

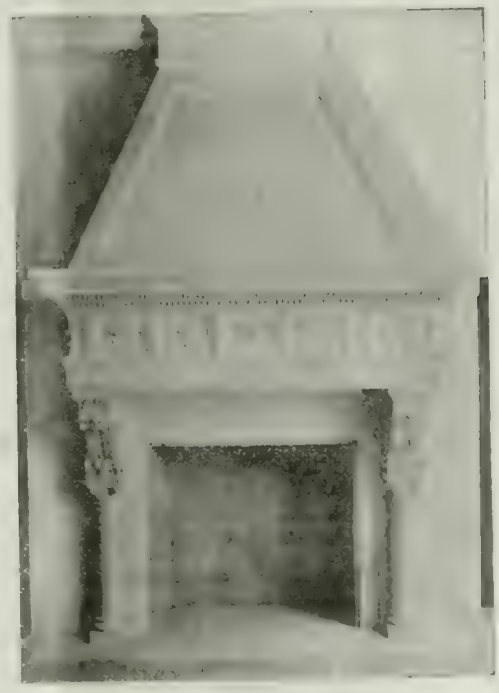


Bird Bath

SARSI STUDIOS

359-361-363 Golden Gate

Phone Market 7570



A Modernized Mantel Piece



A Pedestal Vase

SARSI STUDIOS

359-361-363 Golden Gate Ave.

Phone Market 7570

Country Club, Ingleside.
Architect ...Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor...Mangrum & Otter, Inc., 561 Mission, San Francisco.
Filed Mar. 22, '17. Dated Mar. 12, '17
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, $3544
Bond, $1772. Surety, Globe Indemnity Co. Limit, Oct. 1, 1917. Forfeit, $10. Plans and specifications filed.

CLASS "B" BUILDING
(796) NW SECOND AND STEVENSON — 95x25. Electric work for three-story and basement Class "B" bldg.
Owner.....Sharon Estate Co., Sharon Bldg., San Francisco.
Architect ...George W. Kelham, Sharon Bldg., San Francisco.
Contractor..F. E. Newberry Elec. Co., 163 Sutter, San Francisco.
Filed Mar. 21, '17. Dated Mar. 15, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $940
Bond, none. Limit, July 1, 1917. Forfeit, $10. Plans and specifications filed.

(797) HEATING SYSTEM ON ABOVE.
Contractor..Robert Dalziel Jr., 218 1st San Francisco.
Filed Mar. 21, '17. Dated Mar. 15, '17.
Payments same as above .....
TOTAL COST, $873
Bond, none. Limit, July 1, 1917. Forfeit, $10. Plans and specifications filed.

(798) ALL WORK EXCEPT HEATING and electric work on above.
Contractor..Barrett & Hilp, Sharon Bldg., San Francisco.
Filed Mar. 21, '17. Dated Mar. 15, '17.
Payments same as above.....
TOTAL COST, $19,651
Bond, $9826. Surety, Guardian Casualty & Guaranty Co. Limit, 120 days. Forfeit, $20. Plans and specifications filed.

FRAME FLATS
(799) E ARGUELLO BLVD 125 N Euclid Ave. Two-story and basement frame flats.
Owner.....H. Helbush, 75 Sutter, San Francisco.
Architect ...Harris & Antonovich, 20 Montgomery, S. F.
Day's work. COST, $5500

FRAME FLATS
(800) E ARGUELLO BLVD 100 N Euclid Ave. Two-story and basement frame flats.
Owner.....H. Helbush, 75 Sutter, San Francisco.
Architect ...Harris & Antonovich, 20 Montgomery, S. F.
Day's work. COST, $5500

FRAME FATS
(801) SW COLUMBUS AVE & TAYLOR Three-story and basement frame (4) flats and stores.
Owner..... Peter S. Cerruti
Architect ...Paul J. Capurro, 1844 Powell, San Francisco.
Day's work. COST, $9000

(802) E TWENTY-SEVENTH AVE 100 N Judah. One-story and basement frame dwelling.
Owner ... Andrew Stephenson, 1087 Grove, San Francisco.
Architect ...None.
Day's work. COST, $450

FRAME DWELLING
(803) S STATES 330 W Castro. One-story and basement frame dwelling.
Owner.....Thos. M. and M. M. Bynon, 3709 16th, San Francisco.
Architect ...None.
Day's work. COST, $1100

REPAIRS
(804) NO. 787 BRANNAN. Raise and repair warehouse.
Owner.....Cribben & Sexton Co., Prem
Architect ...None.
Contractor..J. H. Randall, 1205 10th Ave., San Francisco.
COST, $1000

FRAME FLATS
(805) W LEAVENWORTH 27-7 S Filbert. Three-story and basement frame (2) flats.
Owner.....V. Filippis, 866 Union, S. F.
Architect ...None.
Day's work. COST, $5600

BRICK WAREHOUSE
(806) E SECOND 190 S Harrison. Grading, excavating, concrete, brick, iron, roofing, sheet metal, carpenter and mill work, glass, glazing and painting for two-story brick warehouse.
Owner.....L. A. Giacobbi.
Architect...Edw. J. Bolles, 660 Market, San Francisco.
Contractor..T. W. McClenahan Co., Call Bldg., San Francisco.
Filed Mar. 22, '17. Dated Mar 19, '17.
2d floor under flooring in place.$3000
Roof boards in place..... 2575
Completed and accepted..... 2575
Usual 35 days..... 2720
TOTAL COST, $10,870
Bond, $5435. Surety, American Surety Co. of New York. Limit, June 10, 1917. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(807) N VALLEJO 87-6 E Scott E 25x N 110. All work except finish hardware, window shades, and heating for two-story and basement frame residence.
Owner.....E. F. Euphret, 1482 Sutter, San Francisco.
Architect ...Norman R. Coulter, 45 Kearny, San Francisco.
Contractor..Cuneo Bros., 152 Tiffany Ave., San Francisco.
Filed Mar. 22, '17. Dated Mar. 21, '17.
Frame up and roof on.....$ 829
Brown coated 1000
Completed 1000
Usual 35 days 943
TOTAL COST, $3372
Bond, $1890. Sureties, Antonio Cuneo and Louis Bacigalupi. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(808) E BAKER 125 N Vallejo N 37-6 E 100 S 25 E 17 S 12-6 W 117. All work for two-story frame residence and basement, pent house and pergola
Owenr.....Gustav Dresel, Head Bldg., San Francisco.
Architect ...Herman Barth, 12 Geary, San Francisco.
Contractor..O. C. Holt, 110 Jessie, S. F.
Filed Mar. 22, '17. Dated Mar. 21, '17.
Frame up and roof sheathed.$2100.00
Brown coated and exterior plastering done 2100.00
Standing finish on..... 2100.00
Completed and accepted..... 2152.50
Usual 35 days..... 2817.50
TOTAL COST, $11,270.00
Bond, $5635. Sureties, Chas. H. Hock and Oscar W. Thunberg. Limit, 90 days Forfeit, $5. Plans and specifications filed.

FRAME RESIDENCE
(809) NW BROADWAY & BUCHANAN W 45xN 137-6. Special cabinet work for two-story and basement frame residence.
Owner.....James E. Walsh 208 Flood Bldg., San Francisco.
Architect ...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor..A. J. Forbes & Son, 1530 Filbert, San Francisco.
Filed Mar. 22, '17. Dated Mar. 17, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTL COST, $4600
Bond, $2300. Sureties, F. M. Lorenz and J. B. Forbes. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(810) MILL WORK, EXCEPT SPECIAL finish of special rooms on above.
Contractor..Pacific Mfg. Co., 177 Stevenson, San Francisco.
Filed Mar. 22, '17. Dated Mar. 1, '17.
Payments same as above.....
TOTAL COST, $3050
Bond, $1525. Sureties, F. H. Beaver and D. O. Druffel. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(811) FURNISHING AND LAYING all brick and mortar, both common and pressed, etc., on above.
Contractor..M. V. Brady, Monadnock Bldg., San Francisco.
Filed Mar. 22, '17. Dated Mar. 17, '17.
Payments same as above.....
TOTAL COST, $3731
Bond, $1865.50. Sureties, H. D. Nichols and Chas. A. Carillon. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(812) EXTERIOR AND INTERIOR plaster, etc., on above.
Contractor..C. C. Morehouse, 872 Folsom, San Francisco.
Filed Mar. 22, '17. Dated Mar. 17, '17.
Payments same as above.....
TOTAL COST, $2500
Bond, $1250. Surety, Maryland Casualty Co. Limit, 35 days. Forfeit, $10. Plans and specifications filed.

(813) STEAM HEATING SYSTEM ON above.
Contractor..Scott Co., 243 Minna, S. F.
Filed Mar. 22, '17. Dated Mar. 17, '17.
Payments same as above.....
TOTAL COST, $1740
Bond, $870. Sureties, John D. Sutton and W. P. Scott. Limit, 30 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(814) E FORTY-SEVENTH AVE 90 N Cabrillo. One and one-half-story and basement frame dwelling.
Owner.....The Dawson Co., 110 Sutter San Francisco.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $3000

FRAME DWELLING
(815) E FORTY-SEVENTH AV 117-6 N Cabrillo. One and one-half-story and

basement frame dwelling.
Owner .....The Dawson Co., 110 Sutter San Francisco.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $3000

FRAME DWELLING
(816) W FORTY-SEVENTH AVE 270 N Cabrillo. One and one-half-story and basement frame dwelling.
Owner.....The Dawson Co., 110 Sutter San Francisco.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $3000

FRAME DWELLING
(817) W FORTY-SEVENTH AE 300 N Cabrillo. One and one-half-story and basement frame dwelling.
Owner.....The Dawson Co., 110 Sutter San Francisco.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $3000

BRICK APARTMENTS
(818) E HYDE E 87-6 S Post. Three-story and basement brick (6) apartments.
Owner.....Gerard Invst. Co., 110 Sutter, San Francisco.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $20,000

BRICK APARTMENTS
(819) E HYDE 112-6 S Post. Three-story and basement brick (6) apartments.
Owner.....Gerard Invst. Co., 110 Sutter, San Francisco.
Architect ...Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $20,000

SALESROOM
(820) NW VAN NESS AVE & SACRAMENTO. Four-story and basement concrete salesrooms.
Owner.....J. H. and D. Neustadter, 461 Mission, San Francisco.
Engineers ...MacDonald & Kahn, Rialto Bldg., S. F.
Contractor..MacDonald & Kahn, Rialto Bldg., San Francisco.
COST, $67,000

ALTERATIONS
(821) NO. 158 GEARY. Alter 2d floor.
Owner.....A. G. Spalding & Bro., 158 Geary, San Francisco.
Architect ...John H. Powers, 460 Montgomery, San Francisco.
Contractor..R. E. Kelly, 158 Geary, San Francisco.
COST, $1200

FRAME DWELLING
(822) E THIRTY-THIRD AVE 250 N Geary. One-story frame dwelling.
Owner.....E. H. Greslat, 6816 Geary, San Francisco.
Architect ...None.
Contractor..Fred McKay, 410 11th Ave., San Francisco.
COST, $2700

REPAIRS
(823) NO. 2561 WASHINGTON. Repair fire damage.
Owner.....Mrs. Wm. Craig, Premises.
Architect ...None.
Contractor..Chas. E. Urfer, 555 Pine, San Francisco.
COST, $1000

ALTERATION
(824) NO. 241 CALIFORNIA Mezzanine floor.
Owner.....Andrew Welch Estate Co., Premises.
Architect ...None.
Contractor..A. D. Collman, 110 Jessie, San Francisco.
COST, $450

FRAME DWELLING
(825) SE BERTITA 100 NE Mohawk. One-story and basement frame dwlg.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $1900

ADDITION
(826) NO. 431 JESSIE. Add 2 stories to present building for candy factory
Owner.....Arthur and Ethel Elvin, 425 Castenada Ave., S. F.
Architect ...Fabre & Bearwald, Merchants National Bank Bldg San Francisco.
Contractor..Arthur Elvin, 425 Castenada Ave., San Francisco.
COST, $5800

FRAME RESIDENCE
(827) E TWENTY-EIGHTH AVE 356 N California. Two-story and basement frame residence.
Owner.....Allen & Co., 125 Sutter, San Francisco.
Architect ...Architectural Dept. Allen Co., 125 Sutter, S. F.
Day's work. COST, $5000

FRAME FLATS
(828) W FIFTEENTH AVE 125 S Balboa. Two-story and basement frame (2) flats.
Owner.....J. Johnson, 266 17th Ave., San Francisco.
Architect ...None.
Day's work. COST, $5000

FRAME FLATS
(829) W FIFTEENTH AVE 100 S Balboa. Two-story and basement frame (2) flats.
Owner.....J. Johnson, 266 17th Ave., San Francisco.
Architect ...None.
Day's work. COST, $5000

FRAME LAUNDRY
(830) S PINE 106-6 E Steiner S 120x E 25. All work for two-story frame laundry.
Owner.....J. Robinson, 217 Steiner, San Francisco.
Architect ...None.
Contractor..Nelson & Bauer, 599 Gough, San Francisco.
Filed Mar. 24, '17. Dated Mar. 14, '17.
Frame up $650
Enclosed and roof on..... 650
Completed 650
Usual 35 days..... 650
TOTAL COST. $2600
Bond, none. Limit, 40 days from recording. Forfeit, $2. Plans and specifications filed.
NOTE:—1st report Mar. 16th. No. 723.

FRAME COTTAGE
(831) E FOURTH AVE bet. Lincoln Way and Irving. All work for one-story frame cottage.
Owner.....Mrs. Fannie Wolfenbarger, 400 Stanyan, San Francisco
Plans by Contractor.
Contractor J. H. Anderson, 965 O'Farrel, S. F.
Filed Mar. 24, '17. Dated Mar. 20 '17.
Foundation in 1/4
Roughe plumbing in 1/4
Enclosed and roof shingled 1/4
Usual 35 days..... 1/4
TOTAL COST. $2750
Bond, none. Limit, 90 days Forfeit, $2. Plans and specifications filed.

STEAM HEATING
(832) NW DOLORES & SIXTEENTH W 50xN 85.83. Steam heating plant, etc., for two-story building (undertaking parlors).
Owner .....Chas. S. Howard
Architect ...H. Geilfuss & Son, 46 Kearny, San Francisco.
Contractor..C. Petersen Co.
Filed Mar. 24, '17. Dated Mar. 21, '17.
Roughed in and boiler set up..$250.00
Accepted 267.50
Usual 35 days..... 172.50
TOTAL COST. $690.00
Bond, $345. Surety, J. C. Johnson. Limit, 3 days after interior varnish of wood work completed. Forfeit, $7. Plans and specifications filed.

(833) ELECTRIC FREIGHT ELEVATOR on above.
Contractor..B. C. Van Emon Elevators Inc., 235 1st, S. F.
Filed Mar. 24, '17. Dated Mar. 21, '17.
Machine set up in place.....$400.00
Completed and accepted..... 346.25
Usual 35 days..... 248.75
TOTAL COST, $995.00
Bond, $497.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, 3 days after completion of carpenter work. Forfeit, $7. Plans and specifications filed.

LEASES.

SAN FRANCISCO COUNTY.

Mar. 19, 1917—NW GEARY & MASON No. 410 Geary. Samuel J Kaminski to C Scarpinito and M Mascara. 5 years. $30 per month.

Mar. 19, 1917—SE SACRAMENTO AND Larkin No. 1496 Larkin. J W Schouton & Co to Alvin H. Herbert W and Gustav W Harms. 5 years. $4800.

Mar. 20, 1917—NOS. 113-115 GEARY. Simon Clayburgh to Koenig & Colline. 10 years. $1500 per month; renewal April 12, 1916 by Sophie Clayburgh et al as successors in int of Simon Clayburgh dec'd to Koenig & Collins. 10 years. $2250 per month.

Mar. 21, 1917—NO. 68 FIFTH AVE E line bet. Lake and Presidio Wall. Dan F and Berthold Gunzburger to Nelson A Eckart. 2 years. $1020 with option to renew.

Mar. 24, 1917—NE NEW MONTGOMery and Jessie. General Contractors' Association to Marshall Offenbach, Geo F Larsen and Chris Larsen (as Offenbach Co). 10 years. $17,700

Mar. 22, 1917—NO. 5451 GEARY SE Cor. 19th Ave. Selig Rummelsburg to Hammell & McCormick. 2 years $6[illegible]

RELEASE OF BUILDING CONTRACT.

SAN FRANCISCO COUNTY.

Mar 20, 1917—SE GOLDEN GATE AVE and Gough S 155 E 150 N 25 W [illegible] N 120 W 57-6. Vincenzo Filippini to Rudolph Albert, Bertha Kathrine and

Anna Elizabeth Kuner, Martha Pauline Gehricke, Anita Elfrieda Schulz and Mirta Adele Hill. Released Mar. 19, 1917.

NOTICE OF NON-LIABILITY.

SAN FRANCISCO COUNTY.

Mar. 22, 1917. NW MARKET 22-11½ SW from W Jones SW 74xNW 100 Nos. 1122-24-26-28 Market. M J Patshek as to improvements on leased property.....

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Mar. 22, 1917. SE MARKET 275 NE 6th NE 137-6xSE 170. City Invst Co as to improvements on leased property.....

Mar. 23, 1917—W MISSION & EIGHTH NW 275xSW 275. Panama Realty Co as to improvements on leased property.....

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Mar. 15, 1917. SW ANZA & NINTH Ave W 95xS 25. D De Bernardi & Co to Emil Nelson.....Mar. 14, 1917

Mar. 16, 1917. NO. 183 TWENTY-Fourth Ave. George A Billings to Walter Sorensen.....Mar. 14, 1917

Mar. 16, 1917—E RAMONA AVE 30 S 14th. Ernest A Knoop to whom it may concern.....Mar. 14, 1917

Mar. 16, 1917—E TWENTY-FOURTH Ave 175 N Clement N 25xE 120. Sarah V Loree to whom it may concern .....Mar. —, 1917

Mar. 17, 1917—E DOUGLASS 274 S 19th 25x125. Oscar T Bergquist to whom it may concern...Mar. 15, 1917

Mar. 17, 1917—W FORTY-FOURTH Ave 225 S Judah. Alexander Neil to whom it may concern.Mar. 17, '17

Mar. 19, 1917—E EIGHTEENTH AVE 250 S Cabrillo. Leo J Ruegg to whom it may concern..Feb. 27, 1917

Mar. 19, 1917—NW COLUMBUS AVE and Montgomery NW 164-7¼ E 106-4 S 126-6. Banca Poplare Fugazi to Frank J Melbourne..... March 8, 1917

Mar. 19, 1917—NW ASHBURY AND Fell N 100xW 56-3. E G Fischer to J Pasqualetti.....March 14, 1917

Mar. 19, 1917—NW FELL AND ASHbury N 100xW 56-3. E G Fischer to A Lettich, March 14; F W Micklenburg, March 14; The Turner Co, March 14; K H McKenzie, March 14; W P Fuller Co.....March 14, 1917

Mar. 19, 1917—W TWELFTH AVE 125 S Cabrillo S 75xW 120. John M Peters to whom it may concern.....March 16, 1917

Mar. 20, 1917—NE KEY AVE 200 SE Lane SE 25xNE 100 Ptn Lot 14 Blk 50 Paul Tract Hd Ass'n. Robt and Elizabeth M Campbell to H A Tessmer.....Mar. 14, 1917

Mar. 20, 1917—E THIRD extending 200 S 24th and 250 N 24th. Southern Pacific Co to D C McCabe.....March 19, 1917

Mar. 20, 1917—SE PERRY 500 NE 4th NE 25xSE 80. Helen C Dixon to A H Wilhelm.....Mar. 13, 1917

Mar. 21, 1917—SE MARKET 75 W 8th W 200 — James Otis Trustee to C B Sovig.....Mar. 19, 1917

Mar. 21, 1917—S LAKE 53-6 E 18th Ave E 27xS 81. Edith M Clayes to A A Wesendunk .....Mar. 21, 1917

Mar. 22, 1917—S ARMY 100-1½ W Bryant W 25x80. Michael McDonough and Lawrence Costello to whom it may concern...Mar. 22, 1917

Mar. 22, 1917—N BEAVER 150 E Castro E 25xN 115. Karl Yngve to whom it may concern..Mar. 22, 1917

Mar. 22, 1917—SE ARMY & FLORIDA E 25-0⅜ S 90 W 25-0⅜ N 90 Felicie Castro to Claus Lindberg... March 22, 1917

Mar. 22, 1917—SW SUTTER AND Webster S 27-6x93. Sarah W Cox to Mager Bros.....Mar. 19, 1917

Mar. 23, 1917—N BUSH 45-10 E Taylor E 45-10xN 100. Louis D Stoff to whom it may concern.Mar. 23, 1917

Mar. 23, 1917—S SUTTER 91-8 E Taylor E 72-10 — 137-6 W 72-10 N 137-6. Olympic Garage Co to J D Hannah .....Mar. 23, 1917

Mar. 23, 1917—SW MISSION AND College Terrace W 100xS 52-9. J H Kruse to C Wengard...Mar. 23, 1917

Mar. 24, 1917—S FIFTEENTH AVE 202-5 S Balboa S 25-7x120. Anderson & Johnson to whom it may concern.....Mar. 24, 1917

Mar. 24, 1917—W TENTH AVE 175 S Balboa S 25x120. Alfred T or A T Morris to whom it may concern.. .....March 22, 1917

Mar. 24, 1917—W ELEVENTH AVE 200 S Anza S 25x120. Alfred T or A T Morris to whom it may concern .....March 22, 1917

Mar. 24, 1917—E THIRTEENTH AVE 90 N Cabrillo N 27-6xE 120. Margaretha J Koenig to whom it may concern.....Mar. 20, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Mar. 16, 1917—W PLUTO 80 S Masonic Ave W 27-6 S 75.51 E 27.86 N 80 Lot 41 Ashbury Terrace. Edwin T Peterson vs Co-Operative Home Bldrs Co.....$954.30

Mar. 17, 1917—N TURK 98.9 W Taylor W 38.9xN 112.6. Hjalmer Matson vs Mary E McCormick, Martha Brewer, Elizabeth Parrish, Marg. J Jones and Nellie T Potter.....$65

Mar. 17, 1917—W RAMONA 150-2⅜ S 14th S 34-9⅜xW 75. Pacific Concrete & Mosaic Wks vs M Stulsaft & Co $288.60

Mar. 17, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. Richmond Sheet Metal Works vs Catherine Kovatz and Chas Alsup $42

Mar. 19, 1917—N GRAFTON WAY 53 m or l N El Portal Way N 30 m or l by 100 m or l. Marshall & Stearns Co vs S B Kress and A ma Kress.$43

Mar. 20, 1917—S JACKSON 154-11 E Presidio Ave E 26xS 127-8¼. Henry Ernst & Sons vs A Laib and Olga C Laib $86.50

Mar. 20, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. R T Wilson vs Catherine Kovatz and Chas Alsup $33

Mar. 20, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. David Gibbs vs Katherine or Catherine Kovatz and A Alsup $155

Mar. 21, 1917—SW BALBOA AND 28th Ave W 32-6xS 100. J H Franks vs Chas Gardella, Adm Est Joseph Gardella, dec'd, Josie Waldren, Natalina and L Gardella and Delia Ghianda $800

Mar. 21, 1917—S EDDY 87-6 E Leavenworth E 50xS 137-6. Atlas Heating & Ventilating Co vs Geo E Bennett $922

Mar. 22, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. Albert Jourdain vs Catherine Kovatz and A Alsop $185

Mar. 22, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120 J Piconi vs A Alsop and Catherine or Katherine Kovatz or Kate Kovatz....$100

Mar. 23, 1917—W SEVENTH AVE 270-6 N Geary N 25xW120. Chas A Alsop vs Catherine Kovatz..$1225

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Mar. 15, 1917—E THIRTY-THIRD Ave 200 S Anza E 120xS 50. F J King to Katherine McDermott.....

Mar. 21, 1917—S TWENTIETH 180 E 37-6xS 114. C C W Haun to Olaf Casperson .....

Mtr. 15, 1917—S MAYNARD 250 E Craut E 25xS 110. Mission Lumber Co to Ignatius J and Catherine A Zabriskie and E Helms.....

Mar. 21, 1917—LOT 9 BLK 15 Additions to Castro Street Addition and Glen Park Terrace (partial). C Lindberg to O E Evans and J D Stanley .....

Mar. 22, 1917—NE LENARES AVE 26.66 SE from W corner Lot 9 Blk 2127 Forest Hill Court NE 100 m or l NW 40 m or l SW 100 m or l SE 40 m or l. Royal Heating Co to Conservative Building & Investment Company .....

Mar. 23, 1917—W SEVENTH AVE 270-6 N Geary N 25xW 120. Eureka Sash Door & Moulding Mills Co to Catherine Kovatz and Chas Alsup $319.50

Mar. 23, 1917—NOS 1439-1441 LOMbard near Van Ness Ave. C Bloom to C Favilla .....

OAKLAND AND ALAMEDA COUNTY.

SAFETY STATIONS — Reinforced concrete. Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. No bids were received by the Oakland City Council for the construction of two reinforced concrete safety stations at 36th and Telegraph. The work will probably be done by the city.

APARTMENT HOUSE—3 story and base, frame. $30,000. Oakland, Cal. Architert, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. Location, south east East 12th and First avenue. Will contain a number of two, three and four room apartments. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, W. H. Matterson, 3228 Maple avenue, Oakland. Location, south Damuth west Lincoln avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,500. Oakland, Cal. Architect, none. Owner, J. Conrad, 6081 Clare-

mont avenue, Oakland. Location east Elise avenue south Harwood. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, J. P. Christiansen 3851 Brighton avenue, Oakland. Location, west Brighton avenue south Park Boulevard. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, M. P. Loebel, 4341 Piedmont avenue, Oakland. Location, west Howe south Market. Will contain four rooms and bath. Plans complete and work to be done by Day Labor

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, L. F. Hyde, 2745 26th avenue, Oakland. Owner, Mr. J. Reining. Location, 17th street west 57th avenue. Will contain five rooms and bath. Plans complete and figures being taken.

FLAT ALTERATION—2 story, frame, $2,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, George Rushforth, 2321 Blake street. Berkeley. Location, 2321 Blake street. The present two frame dwelling will be altered into two modern flats. Plans are complete and work will be done by Day Labor.

FACTORY—1, 2 story and 1, 3 story, corrugated iron. Cost not stated. Oakland, Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owners Doake Gas Engine Co. Location, 4th and Madison streets, covering areas of 40 by 80 feet and 46 by 123 feet.. Plans complete and figures being taken.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, Andrew Anderson, 3030 Arkansas street, Oakland. Location, west Rhoda avenue north Montana. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $3,000. Oakland, Cal. Architect, none. Owner, Andrew Anderson, 3030 Arkansas street, Oakland. Location, northeast East 38th street and Linwood avenue. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, brick, $15,000. Livermore, Alameda Co., Cal. Architect, H. C. Bauman, 251 Kearny street, S. F. Owner, C. P. Raboli. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

STORES—1 story, mezzanine and base, reinforced concrete, $75,000. Oakland, Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Iceberger. Location, gore corner Broadway and Piedmont, covering an area of 250 by 250 feet. Will contain five stores and two large automobile sales rooms. Plans are being prepared.

STORES AND OFFICES—7 story and base. Class A construction, $200,000. Oakland, Cal. Architect, Walter D. Reed, Oakland Bank of Savings, Oakland. Owner, L. C. Stevens. Location, northwest Grand and Webster, covering an area of 117 by 90 feet. Will contain stores and offices. Plans are being prepared.

Contract Awarded.

STREET IMPROVEMENTS — Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. The City Council has awarded contracts for street and sewer work as follows:

(1) That Kennedy street, from Boehmer street to Shasta avenue, be graded, curbed with redwood guttered with concrete gutters three feet wide and paved with oil macadam; also that a cast iron and concrete culvert, having two granite header blocks, be constructed; also that a vitrified pipe sewer, having an internal diameter of 8-inches; also a vitrified pipe manhole, and vitrified pipe Y branches. Awarded to A. H. Kupperud, 2030 High street, Oakland.

(2) That a vitrified pipe sewer, having an internal diameter of 8 inches, be constructed along a line described as follows: Beginning at a point on the center line of Diamond avenue, distant therefrom 140 feet south from the south line of Hopkins street, thence south along said center line of Diamond avenue 255 feet, tence east at right angles to said center line of Diamond avenue to the existing sewer in Fruitvale avenue; also that two brick manholes, a lamphole, and Y branches, having 5-inch openings, be constructed. The aforresaid sewer, Y branches and lamphole (excepting the top thereof) shall be constructed of vitrified sewer pipe. Awarded to J. Catucci, 1230 13th avenue, Oakland.

(3) That a vitrified pipe sewer, having an internal diameter of 8 inches, be constructed along the center line of 24th street, from the center line of Union street to a point distant 245 feet therefrom measured along said center line of 24th street; also a brick manhole, a vitrified pipe lamphole and vitrified pipe Y branches, having 5-inch openings. Awarded to M. P. Carbar, 1044 91st avenue, Oakland.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
584	Laughlin	Shrader	425
585	Bergh	Rushing	400
586	Bekins	Prism	1000
587	Rickabaugh	Strang	1900
588	Hutchins	Pinkerton	2400
589	Loebel	Loebel	1200
590	Kemp	Shrader	450
591	Booth	Marquis	1500
592	Same	Same	1500
597	Christiansen	Owner	2500
598	Coward	Coward	4500
599	Andis	Peterson	1600
600	White	Brasch	4500
601	Wyler	Wieben	1850
605	Walden	Walden	450
606	Johnson	Urch	900
607	Bellingall	Cederborg	500
608	Air Reduction	Schrader	6603
610	Barry	Barry	3000
611	Atkins	Farquharson	14000
612	Church	McWilliams	700
613	Capell	Beckwell	1600
614	Williamson	Birmingham	4600
615	Anderson	Anderson	2000
616	Same	Same	2750
617	Pantoskey	Hever	1650
618	Robinson	Littlefield	5000
619	Mendenhall	Owner	2500
620	James	Brookes	1600
621	Keller	Perona	1575

REPAIRS
(584) NW SEVENTH AND BRUSH, Oakland. Fire repairs.
Owner.....W. J. Laughlin, [illegible] 27th, Oakland
Architect ...None.
Contractor..J. F. Shrader, [illegible] 4th, Oakland.
COST, $4[illegible]

ALTERATIONS
(585) NO. 3851 E. FOURTEENTH, Oakland. Alterations.
Owner.....Vander G. Bergh, Premises
Architect ...None.
Contractor..Jos. F. Rushing, 1745 37th Ave., Oakland.
COST $400

ELECTRIC SIGNS
(586) TWENTY-SECOND AND SAN Pablo, Oakland Two electric signs.
Owner.....Bekins Storage Co., Prem
Architect ...None.
Contractor..Prism Elec. Sign Co., 1915 Broadway, Oakland.
COST, $1000

DWELLING
(587) N FIFTY-FIFTH 432 E San Pablo Ave., Oakland. One-story 5-room dwelling.
Owner.....J. Rickabaugh, 1223 Grand Ave., Piedmont.
Architect ...None
Contractor..F. N. Strang, 805 Pacific Ave., Alameda.
COST $1900

DWELLING
(588) W HANOVER AVE 120 S Brooklyn, Oakland. One-story 6-room dwelling.
Owner.....G. W. Hutchins, 463 Hanover Ave., Oakland.
Architect ...None.
Contractor..G. A. Pinkerton, [illegible] Waverly, Oakland.
COST, $2400

DWELLING
(589) W HOWE 300 S Mather, Oakland. One-story 4-room dwelling.
Owner.....M. P. Loebel, 4341 Piedmont Ave., Oakland.
Architect ...None.
Day's work. COST, $1200

REPAIRS
(590) NO. 1104 MAGNOLIA, Oakland Fire repairs.
Owner.....Mrs. Josephine Kemp, Okd
Architect ...None.
Contractor..J. F. Shrader, 520 16th, Oakland.
COST $450

DWELLING
(591) N E-SIXTEENTH 110 W 41st Ave., Oakland. One-story five-room dwelling.
Owner.....C. S. Booth, Oakland.
Architect ...None.
Contractor..E M Marquis, [illegible] Russell Berkeley.
COST, $[illegible]

DWELLING
(592) N E-SIXTEENTH 170 W 41st Ave., Oakland. One-story five-room dwelling.
Owner.....C. S. Booth, Oakland.
Architect ...None.
Contractor..E M Marquis, [illegible] Russell Berkeley.
COST, $1500

ALTERATIONS
(596) NO 3321 BROADWAY, Oakland. Alterations.
Owner.....L. C. Ables, Premises.
Architect ...None.
Contractor..Powell Bros. Constr. Co., Harrison Ave., Alameda.
COST, $1000

DWELLING
(597) W BRIGHTON AVE 100 S Park Boulevard, Oakland. One-story five-room dwelling.
Owner.....J. P Christiansen, 3831 Brighton Ave., Oakland.
Architect ...None.
Day's work. COST, $2500

DWELLING
(598) E ELSIE AVE 80 S Harwood Ave., Oakland. Two-story 7-room dwelling.
Owner.....J. Coward, 6081 Claremont Ave., Oakland.
Architect ...None.
Day's work. COST, $4500

DWELLING
(599) NO. 3567 CUSTER, Oakland. One story 5-room dwelling.
Owner.....Jack Andis, Premises.
Architect ...None.
Contractor..Chas. Peterson, 1200 E-24th, Oakland.
COST, $1600

DWELLING
(600) E TELEGRAPH AVE 90 N 41st, Oakland. Two-story 7-room dwlg.
Owner.....Dr. A. L. White, 4115 Telegraph Ave., Oakland.
Architect ...None.
Contractor..M. P. Brasch, 5836 Ocean View Drive, Oakland.
COST, $4500

DWELLING
(601) SE TWENTY-FIRST AVE AND E-15th, Oakland. One-story 5-room dwelling.
Owner.....A. E. Wyler, 1629 Park, Alameda.
Architect ...None.
Contractor..Alex C. Wieben, 1461 Alice Oakland.
COST, $1850

ALTERATIONS
(605) NO. 3884 MAGEE AVE., Oakland. Alterations and additions.
Owner.....R. B. Walden, 4265 Montgomery, Oakland.
Architect ...None.
Day's work. COST, $450

GARAGE
(606) NO. 1011 BAY VIEW AVE., Oakland. One-story concrete garage.
Owner.....Augustus Johnson, Prem.
Architect ...None.
Contractor..E. E. Urch, 2257 High, Okd.
COST, $900

ALTERATIONS
(607) NO. 348 PALM AVE., Oakland. Alterations.
Owner.....R. Bellingall, Premises.
Architect ...None.
Contractor..Cederborg & Anderson, 1445 E-37th, Oakland.
COST, $500

STEEL AND IRON WORK
(608) NW PARK AVE & HALLECK 153.37x125, Emeryville. Structural steel and iron work for building.
Owner.....Air Reduction Co.., Syndicate Bldg., Oakland by P. J. Walker Co., Agents, Monadnock Bldg., S. F.
Architect ...H. K. Lovell, 1617 Felton, Berkeley.
Contractor..Schrader Iron Works, 1247 Harrison, San Francisco.
Filed Mar. 21, '17. Dated Mar. 9, '17.
On 1st and 15th of each month 75%
36 days after..... 25%
TOTAL COST, $6603
Bond, $3301.50. Surety, U. S. Fidelity & Guaranty Co. Limit, 50 days. Forfeit, none Plans and specifications filed.

FRAME DWELLING
(610) LOT 55 Nova Piedmont, Piedmont One and one-half-story frame dwelling.
Owner.....Jas. P. Barry, 3329 Broadway, Oakland.
Architect ...None.
Contractor..Frank Barry, 3329 Broadway, Oakland.
COST, $3000

DWELLING
(611) N KINGSTON AVE 100 E Monte Vista Ave., Oakland. Two-story 12-room dwelling.
Owner.....Mrs. E. N. Atkins, 757 Kingston Ave., Oakland.
Architect ...None.
Contractor..D. B. Farquharson, 1760 Ellis, San Francisco.
COST, $14,000

ALTERATIONS
(612) NO. 56 FAIRMOUNT AVE., Oakland. Alterations.
Owner.....L. S. Church, Premises.
Architect ...None.
Contractor..R. A. McWilliams, 5845 Ayala, Oakland.
COST, $500

DWELLING
(613) N FIFTY-FOURTH 600 W Lowell, Oakland. One-story 5-room dwelling.
Owner.....Mrs. G. W. Capell, 982 54th Oakland.
Architect ...None.
Contractor..J. H. Rockwell, 984 54th, Oakland.
COST, $1600

APARTMENTS
(614) W CLAREMONT AVE 200 S 60th, Oakland. Two-story 12-room apartments.
Owner.....Geo. W. Williamson, 5765 Claremont Ave., Oakland.
Architect ...None.
Contractor..D. Birmingham, 3005 Fulton, Berkeley.
COST, $4600

DWELLING
(615) W RHODA AVE 130 N Montana, Oakland. One-story 5-room dwelling.
Owner.....Andrew Anderson 3030 Arkansas, Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(616) NE E-THIRTY-EIGHTH AND Lindwood Ave., Oakland. One-story 6-room dwelling.
Owner.....Andrew Anderson. 3030 Arkansas, Oakland
Architect ...None.
Day's work. COST, $2750

BRICK MARKET
(617) E CLAY 50 S Tenth S 50xE 100, Oakland. Addenda to contract filed March 5, 1917, for one-story brick market.
Owner.....J. Pantoskey, 598 31st, Okd.
Architect ...None.
Contractor..Chas. W. Heyer, Dalziel Bldg. Oakland.
Filed Mar. 22, '17. Dated Mar. 22, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5650
Bond, $2825. Surety, Massachusetts Bonding & Insurance Co. Limit, 45 days. Forfeit, none. Plans only filed.

DWELLING
(618) N PARK ROAD bet. Upper and Cross Roads, Oakland. Two-story 8-room dwelling.
Owner.....Jesse E. Robinson, 1st National Bank Bldg., Okd.
Architect ...W. E. Schirmer, Dalziel Bldg., Oakland.
Contractor..R. W. Littlefield, 565 16th, Oakland.
COST, $5000

DWELLING
(619) E FIFTIETH AVE 80 S Ygnacio Ave., Oakland. One-story 5-room dwelling.
Owner.....G. S Mendenhall, 5025 Ygnacio Ave., Oakland.
Architect ...None.
Day's work. COST, $2500

DWELLING
(620) W SIXTY-SECOND AVE 120 N Foothill Blvd., Oakland. One-story 6-room dwelling.
Owner.....E. S. James.
Architect ...None.
Contractor..W. R. Brookes, 2208 Hopkins, Oakland.
COST, $1600

ALTERATIONS
(621) NO. 466 TWELFTH, Oakland. Alter store.
Owner.....Ida E. B. Keller.
Architect ...None.
Contractor..John Perona, 568 7th, Okd.
COST, $1575

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor.	Amt.
593	Donough	.....Montgomery	450
594	Richson	.....Fleischer	400
595	Rushforth	.....Rushforth	2150

BRICK STEPS

(593) NO. 22 TUNNEL ROAD, Berkeley Brick steps
Owner.....A. O. Donough, Premises.
Architect ...None.
Contractor..W. S. Montgomery, 2321 Ward, Berkeley.
COST, $450

ADDITION
(594) NO. 54 TUNNEL ROAD, Berkeley. Addition.
Owner.....— Richson, Premises.
Architect ...None.
Contractor..Chas. Fleischer, 2032 Bancroft, Berkeley.
COST, $400

ALTERATIONS
(595) NO 2321 BLAKE, Berkeley. All work for altering two-story 7-room dwelling into flats.

Owner.....Geo. Rushforth, Premises.
Architect...None.
Day's work. COST, $2150

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
602	Hasselgraw	Nittler	1200
603	Cannon	MacRae	400
604	Ames	Ames	400
609	Page	Scott	1630

DWELLING
(602) N LINCOLN AVE 60 W Third, Alameda. One-story 4-room dwelling
Owner.....Chas. Hasselgrew, 1628 3d Alameda.
Architect...None.
Contractor..N. Nittler, 759 51st, Okd. COST, $1200

ALTERATIONS
(603) NO. 1351 PARK, Alameda. Alterations.
Owner.....Thos. Cannon, 790 16th, Oakland.
Architect...None.
Contractor..C. W. MacRae, 2315 Encinal Ave., Alameda. COST, $400

(604) NO. 761 EAGLE AVE., Alameda. Addition.
Owner.....Ramona Ames, Premises.
Architect...None.
Day's work. COST, $400

FRAME RESIDENCE
(609) W BAY 917.50 S San Antonio Ave S 100xW 100, Alameda. Plumbing, sewers and gas fitting for two-story and basement frame residence.
Owner.....C. R. Page, Care Fireman's Fund Ins. Co., 401 California, San Francisco.
Architect...J. R. Miller, Lick Bldg., San Francisco.
Contractor..Scott Co., 243 Minna, S. F.
Filed Mar. 22, '17. Dated Feb. 27, '17.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1630
Bond, $815. Surety, New Amsterdam Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Mar. 20, 1917—S STANFORD AVE 36.24 E Lowell SE 166.22 E 16.8 N 170.55 W 17.81, Okd. San Francisco & Oakland Terminal Railways as to improvements on leased property
Mar. 22, 1917—LOTS 185 AND 186 Sbdvn 24 Map Resbdvn Peralta Park, Bkly. Roy J Young as to improvements on leased roperty...
Mar. 23, 1917—NE TWENTY-EIGHTH and Broadway N 109.04 SE 129.30 SW 76.71 W 12.80, Oakland. Savings Bank & Trust Co as to improvements on leased property....

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Mar. 13, 1917—NW SANTA CLARA Ave 343.62 SE Oakland Ave SE 52.35 NE 101.07 NW 50.02 SW 118. Okd. H C Morris Co as to improvements on leased property.....

ALAMEDA COUNTY BUILDING SUMMARY.

OAKLAND.

Classification of Buildings	No. of Permits	Costs
1-story dwellings	67	$115,200.00
1½-story dwelling....	1	3,000.00
2-story dwellings ...	12	56,150.00
2-story apartments....	2	20,600.00
2-story warehouse....	1	4,000.00
1-story club house.....	1	2,500.00
1-story office building.	1	2,200.00
1-story stores.....	1	150.00
1-story brick garages.	4	25,000.00
1-st produce market..	1	14,000.00
1-story brick stores...	1	3,500.00
4-story concrete office building	1	50,000.00
3-story brick factory..	1	6,000.00
1-story brick photo play house	1	12,000.00
1-st concrete garages.	2	6,350.00
1-story concrete produce market	1	6,348.00
Concrete swimming pool and bath house.....	1	8,000.00
Gasoline stations.....	3	1,125.00
Garages and sheds ...	50	9,294.00
Tank frames.....	2	470.00
Electric signs.....	5	550.00
Additions	31	10,328.50
1-story toilet building	1	250.00
Alterations & repairs.	70	36,007.00
Total	261	$366,022.50

SUMMARY

New construction.....	191	$330,015.50
Alterations & repairs.	70	36,007.00
Total	261	$366,022.50
February, 1916.....	285	338,336.00
Decrease	24	
Increase	—	$ 27,686.50

Total for January and February, 1917, 564 permits; cost, $798,996.85.
Total for January and February, 1916; 476 permits; cost, $586,744.
INCREASE over 1916 88 permits; cost $212,252.85.

BERKELEY.

February, 1917.....	$ 94,300
January & February, 1916.....	274,950
January & February, 1917.....	235,250
Decrease	$ 41,700

ALAMEDA

February, 1917	$ 21,910
January & February, 1916.....	142,644
January & February, 1917.....	136,233
Decrease	$ 6,411

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
Mar. 17, 1917—S ALAMEDA AVE 250 W Oak S 150 W 14 S 140 W 186 N 290 E to pt beg, Alameda. City of Alameda to Schrader Iron Works, Inc. .....March 15, 1917
Mar. 17, 1917—LOT 12 Map Hyde Tct, Okd. H C Pfrang to whom it may concern.....Mar. 17, 1917
Mar. 19, 1917—NE FIFTY-SIXTH & Genoe E 36-8xN 80, Okd. Mrs L L Rothschild to C N Dean.Mar. 6, '17
Mar. 20, 1917—E SIXTY-THIRD AVE 320 N Fortune Way 40x130, Okd. Wm H Sims to whom it may concern.....March 15, 1917
Mar. 21, 1917—LOTS 61 AND 62 Map Northside Park, Bkly. Walter Mork to whom it may concern.....March 19, 1917
Mar. 22, 1917—S McKINLEY AVE 75 [illegible] 1917 M [illegible] John Bartlett Mar. 1, 1917
Mar. [illegible] LOT 26 BLK "A" Sheet No. 1 Lakeside Park, Okd. Harry [illegible] Schwabn to Harry Schwabn Mar. 19, 1917
Mar. [illegible] NW THIRTY-FIFTH Ave [illegible] NE Associates Court NE 40 x NW [illegible] Okd. A M Werum by A F Werum to whom it may concern.. March 20, 1917
Mar. [illegible] 1917 E [illegible] LOT 99 and W 26 Lot 101 and all Lot 100 Map Higgins Tract, Bkly. Chas A Werner to whom it may concern..... March 23, 1917
Mar. 23, 1917—W WARWICK AVE 96 S [illegible] Ave Okd. E W Norton to M Smith.....Mar. 23, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
Mar. 16, 1917—W SANTA CLARA Ave 42.18 N Crescent W on curve to right 40.04 SW 81.90 SE 40 NE 82.90, Okd. E L Walter vs Joe Pachatty or Pachatty $20.85
Mar. 19, 1917—LOT 76 Peralta Park, Berkeley. Hanna Lumber & Mill Co vs United Home Bldrs and James A Diebes $475.33
Mar. 21, 1917—E TELEGRAPH AVE 50 N 48th 25x100, Okd. M E Valente vs Thomas Mulvihill $505.45

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT
Mar. 23, 1917—PTN LOT 8, Kellergerber's Map Sbdvn Plot 72, Okd. Heywood Lumber & Supply Co, $197.05; Rhodes-Jamieson Co, $23.65; Pacific Mfg Co, $83.40 to Maurice G and Bertha D Logan and C M Charuau

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE—2 story and base, frame, $9,000. Menlo Park, Santa Clara Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Morris. Will contain ten rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

RESIDENCE—1½ story and base, frame, $5,000. Redwood City, San Mateo Co., Cal. Architect, Charles Peter Weeks, Phelan Bldg., S. F. Owner, George Sperry. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor, San Jose. Owners, Santa Clara County. The County Supervisors have instructed the County Engineer to prepare plans and specifications for a reinforced concrete bridge on Ross road over Ross Creek in Supervisor District No. 1.

CLUB HOUSE—1 story, frame, $7,000. Watsonville, Santa Cruz Co., Cal. Architect, Ralph Wyckoff, Pajaro Valley Bank Bldg., Watsonville. Owners, Watsonville Women's Club. Location, Brennan street. Will contain seven rooms. Plans complete and figures being taken.

PIPE. Cost not stated. Sunnyvale, Santa Clara Co. Cal. Engineers, City Engineer, Sunnyvale. Owners, City of Sunnyvale. All bids received by the Town Trustees for furnishing pipe to be used in connection with the municipal plant have been rejected. The pipe will be purchased in the open market.

RAILROAD SHOPS — 3, 1 story, brick, $85,000. Visitacion San Mateo Co., Cal. Engineer, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Contractors, Lange & Bergstrom, Sharon Bldg., S. F. Contract price for brick only, $85,000.

SCHOOL, 1 story, frame. Cost not stated. Burbank School District, Santa Clara Co., Cal. Architect, F. D. Wolfe, Auzerais Bldg., San Jose. Owners, Burbank School District. Will contain five class rooms. Plans complete and bids to be opened on April 10th.

RESIDENCE — 2 story and base, frame, $5,000. Los Altos, Santa Clara Co., Cal. Architect, H. C. Bauman, 251 Kearny street, S. F. Owner's name not given. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans are being prepared.

Contract Awarded.

PIPE—$1,372. Redwood City, San Mateo Co., Cal. Engineer, City Engineer, Redwood City. Owners, Redwood City. Contractors, American Cast Iron Pipe Co., Balboa Bldg., S. F. Contract price, $1,372.

COMPLETION NOTICES

SAN MATEO COUNTY.

RECORDED AMOUNT

Mar. 12, 1917—PTN LOTS 32 AND 33 Blk 95, South San Francisco Plot No. 1. Michael Cain to whom it may concern.....Mar. 1, 1917

Mar. 12, 1917—PTN LOT 33 BLK 95, South San Francisco Plot No. 1. Michael Cain to whom it may concern .....Mar. 1, 1917

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

CEMENT—Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer Santa Rosa. Owners, City of Santa Rosa. The City Council has rejected all bids received for furnishing 450 barrels of cement for use in street work and new bids have been ordered received.

STREET IMPROVEMENTS—Cost not stated. Vallejo, Solano Co., Cal. Engineer, City Engineer, Vallejo. Owners, City of Vellejo. Steps are being taken by the City Engineer for improvement work proposed by the members of the Eastern Park Improvement Club. The engineer's map for the work calls for a 16-foot paved roadway on each side of an 8-foot parking space, and 20-foot sidewalks in Monterey street, between Capitol and Kentucky streets; Florida street, between Alameda and Colusa streets; and Kentucky street, between Alameda and Monterey streets.

STREET PAVING—Cost as follows. San Rafael, Marin Co., Cal. Engineer, City Engineer San Rafael. Owners, City of San Rafael. At the last meeting of the City Council a contract was awarded for asphalt dressing on H, G, B, Fifth and Irwin streets and Grand avenue to the Richmondite Paving Co., for $1,824.05.

STREET IMPROVEMENTS—Cost not stated. Petaluma Sonoma Co., Cal. Engineer, City Engineer Alvin Horwage, Petaluma. At the last meeting of the City Council, contracts for furnishing cement and gravel to be used in the improvement of Third street, from C to E streets, were awarded as follows: For cement to Camm & Hedges Co., 101 East Washington, Santa Rosa. For gravel to Grant Gravel Co. of Healdsburg.

FURNISHING ASPHALT Cost as follows. Santa Rosa, Sonoma Co., Cal. Engineer, City Engineer, Santa Rosa. Owners, City of Santa Rosa. The City Council has awarded a contract to the Standard Oil Co. for furnishing asphalt at $15 a ton for grade D and $14 for grade E. The asphalt will be used in the improvement of Fourth street.

RESIDENCE — 2 story and base, frame, $5,000. Mt. Diablo, Contra Costa Co., Cal. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Judge Henry A. Melvin. Location, Mt. Diablo Park. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

RESIDENCE — 2 story and base, frame, $8,000. Mt. Diablo, Contra Costa Co., Cal. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Louis Hemrich. Location, Mt. Diablo Park. Will contain nine rooms, three baths and sleeping porches. Separate garage. Plans complete and segregated figures being taken.

RESIDENCE AND LAUNDRY—2 1 story, frame. Cost not stated. Kentfield, Marin Co., Cal. Architects, Bliss and Faville, Balboa Bldg., S. F. Owner, William Kent. The servants' quarters will contain seven rooms and two baths. A laundry will also be erected. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame, $5,000. San Rafael, Marin Co., Cal. Architect, Alfred Farr, Foxcroft Bldg., S. F. Owner, Henry Hansen. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $4,000. Mt. Diablo, Contra Costa Co., Cal. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Jenkin B. John. Location, Mt. Diablo Park. Will contain six rooms, bath and sleeping porch. Separate garage. Plans are being prepared.

BRIDGE—Reinforced concrete and steel. $20,000. Colusa, Colusa Co., Cal. Engineer, County Surveyor, Colusa. Owners, Colusa County. The Board of Supervisors and grand jury committee on bridges and highway have agreed that the expenditure of $20,000 is necessary on the bridge between Colusa and Williams, some four miles from the city, in order to make it comply with the requirements of the State Highway Commission, which has already accepted the plans of Engineer Easterly.

GARAGE—1 story, corrugated iron. Cost not stated. Colusa, Colusa Co., Cal. Architect ,none. Owner, Joseph Baum, Colusa. Location, Main street, covering an area of 40 by 60 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

SCHOOL, 2 story and base, reinforced concrete, $90,000. Colusa, Colusa Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, City of Colusa. Contractor, J. S. Hannah, Williams Bldg., S. F., general construction, $81,000. A complete list of these bids will be found under the heading of Bids Opened in this issue.

BUILDING CONTRACTS

MARIN COUNTY.

COTTAGE
INVERNESS. Carpenter work, etc., for cottage and basement.
Owner.....Marion F. and G. E. Atkins Inverness.
Architect ...Julia Morgan, 1135 Merchants' Exchange Bldg., San Francisco.
Contractor..Walter C. Baily.
Filed Mar. 19, '17. Dated Mar. 10, '17.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $2467
Bond, none. Limit, June 1, 1917 Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
SAN RAFAEL. Two-story and basemnet frame rustic residence.
Owner.....Henry Hansen, 112 A St., San Rafael.
Architect ...Albert Farr, Foxcroft Bldg San Francisco.
Day's work. COST, $5000
NOTE:—Foundation in.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

FRAME FLATS
BARRETT ST., Bet 12th and 13th Sts., Richmond. Two-story frame flats.
Owner.....Mr. and Mrs. J. E. Tarr, 1028 Bissell Av., Richmond
Architect ...None.
Contractor..E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $4047

FRAME COTTAGE
TWENTY-FIRST ST., bet Virginia and Cutting Blvd., Richmond. Frame cottage.
Owner.....C. E. Marshall, 10tn and Nevin, Richmond.
Architect ...None.
Contractor..M. Morton, 10th and Macdonald, Richmond.
COST, $1500

FRAME COTTAGE
TWENTY-FIRST ST., bet. Florida and Main, Richmond. One-story frame cottage.
Owner.....F. W. Long, 2133 Macdonald Ave., Richmond.
Architect ...None.
Contractor..W. A. Jones, 22nd and Florida, Richmond.
COST, $1200

FRAME COTTAGE
S EIGHTEENTH ST., bet. Florida and Main, Richmond. One-story frame cottage.

Owner.....Mrs. I. L. Kirby ... Russell Ave., Richmond
Architect ...None.
Contractor W. A. Jones, 22nd and Florida, Richmond
COST, $1600

FRAME DWELLING
GRAND VIEW BLVD & TERRACE AV Richmond. Frame dwelling
Owner.....Burg Bros., 23rd and Macdonald Ave., Richmond
Architect ...None.
Day's work. COST, $1750

BUILDING CONTRACTS

SONOMA COUNTY.

FRAME LAUNDRY, ETC.
WASHINGTON ST., near California Garage, Petaluma. Two-story frame laundry and living quarters
Owner.....Wing Wo, Petaluma.
Architect ...None.
Contractor..Rodd & Rodd, Petaluma
COST, $1500

FRAME RESIDENCE
THIRD ST., Santa Rosa Two-story and basement frame residence.
Owner.....George J. Reading, 291 3rd St., Santa Rosa.
Architect ...None.
Contractor..Geo. C. Norris, 619 Spencer Ave., Santa Rosa.
COST, $4000

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Mar. 15, 1917—SAUSALITO. Mabel J Bishop to whom it may concern .....March 1, 1917

COMPLETION NOTICES

SONOMA COUNTY.

RECORDED ACCEPTED
Feb. 23, 1917—PETALUMA. H H Wintringham to Samuel Rodd .....Feb. 15, 1917
Mar. 19, 1917—HEALDSBURG. F H Warren and wife to Geo F Day .....March 10, 1917

RELEASE OF LIENS

SONOMA COUNTY.

RECORDED AMOUNT
Mar. 15, 1917—AGUA CALIENTA Springs. A M Hildebrandt to Theo Richards $6754.65

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

COMFORT STATION. Brick Cost not stated. Visalia, Tulare Co. Cal. Engineer, County Surveyor, Visalia. Owners, Tulare County. Bids will be received by the Board of Supervisors up to 2 p. m. of April 3, for the construction of a brick comfort station in Mooney Park (Tulare County Park), in accordance with plans and specifications on file at the office of the Board. Certified check for 10 per cent required. Geo. H. Prestidge is Clerk of the Board.

HIGHWAY CONSTRUCTION Cost not stated. Modesto, Stanislaus Co. Cal. Owners, Stanislaus County. For the construction of approximately 3.61 miles of cement concrete road 16 feet in width, beginning at the end of East Main street in the city of Turlock and running thence northerly and easterly to the east line of the town of Denair also approximately 2.208 miles of cement concrete road 16 feet in width beginning at the south line of the city of Turlock and running thence southerly to the county line between the counties of Stanislaus and Merced thus making a total length of approximately 6.018 miles; said roads being known as the Denair and Irwin City roads. Also for bids for the construction of approximately 2.882 miles of cement concrete road 16 feet wide, beginning at the T. I. D. main canal southeast of Hickman and running in a northwest direction to a point intersecting the section line between M. D. B. M.. Also approximately 8.222 miles of cement concrete road, a part of which is 12 feet wide and remainder 16 feet in width, beginning at the S. P. R. R. at Waterford and running thence in an easterly direction to the Roberts Ferry bridge; thus making a total of approximately 11.104 miles, said roads being known as the Hickman-Thalheim and Waterford (section C) roads. Also bids for the construction of approximately 9.876 miles of cement concrete road 16 feet wide on the Newman-Westley road (section B), beginning at a point about midway between Crows Landing and Patterson, running in a northwesterly direction to the north line of the townsite of Westley.

LIGHTING SYSTEM—Cost not stated. Wasco, Kern Co., Cal. Engineer, City Engineer, Wasco. Owners, City of Wasco. By a vote of 86 to 12, the people of Wasco adopted the proposed lighting system for the thriving city and the vicinity. According to the plans the cost of the proposed system will be decided upon by the residents who will be levied upon as per the appraised property value.

STREET IMPROVEMENTS — Cost not stated. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. Bids will be received by the City Clerk shortly for improving Calaveras street, from H street to Devisadero street by grading, curbing and guttering, with 1½-inch bitulithic surfacing on 4-inch cement concrete base, and the construction of corrugated iron culverts. Plans and specifications are on file at the office of the City Engineer.

HIGHWAY IMPROVEMENT — Cost not stated. Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. All bids for construction of highway from Denair to Irwin City, $6.018 miles, have been rejected because too high, and new bids will be received until April 10th by Hugh Benson, County Clerk.

SIDEWALKS, ETC.—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, none. Owners, City of Bakersfield. Bids will be opened on April 12th at 9 a. m. for the furnishing of all materials and labor necessary to grade, fill, plane and complete all sidewalk and curb for the entire length of the south side of the Bryant School property, or block 196.

STREET IMPROVEMENTS—Cost as follows. Modesto, Stanislaus Co., Cal. Engineer, City Engineer, Modesto Owners, City of Modesto. Contract for the improvement of 18th street has been awarded to Central California Paving Co. Security Bldg., Modesto, at 1½ cents per square foot for grading, 13½ cents per square foot for paving, 85 cents per lineal foot for concrete gutters, and 14 cents per foot for concrete curbs.

RESIDENCE — 2 story and base, frame, $15,000. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owner, B. F. Shepherd. Location, Ventura Vista Tract. Will contain eleven rooms, three baths and sleeping porches. Separate garage. plans being prepared.

BANK AND OFFICES—8 story and base. Class A construction, $300,000. Fresno, Fresno Co., Cal. Architect, R. F. Felchin, Rowell Bldg., Fresno. Owners, Bank of Italy. Location, Tulare and J streets, covering an area of 50 by 100 feet. Will contain the bank on the first and basement floors, and a number of offices above. Plans are being prepared.

BRIDGES—Steel and reinforced concrete. Cost not stated. Visalia, Tulare Co., Cal. Engineer, County Surveyor, Visalia. Ownsre. Tulare County. County Surveyor Byron O. Lovelace is preparing plans for ten bridges to be constructed along the line of the State highway between Octol and Tipton. They will be of steel and concrete construction and of the following lengths: No. 8, 96 feet; No. 9, 140 feet No. 10, 40 feet; No. 11, 60 feet; No. 12, 32 feet; No. 13, 60 feet; No. 14, 30 feet; No. 15, 160 feet; No. 16, 80 feet. One of these structures will be constructed across the slough on the east line of section 10, township 21, range 26, 60 feet in length. Bids on the work will be called about the middle of April.

IRRIGATION — Cost not stated. Chowchilla, Madera Co., Cal. Engineer's name not given. Owners, Swift & Co., Chicago. Louis F. Swift, president of Swift & Co., of Chicago, and associates, have purchased the 42,000 acres in the Chowchilla ranch for a reported consideration of $2,000,000 and will immediately start work on extending the irrigation system. Additional wells and pumps will be installed. Chas. H. Kendrick, president of Kendrick & Co., 742 Market street, S. F., negotiated the deal.

GAS PLANT, ETC.—Cost not stated. McKittrick, Kern Co., Cal. Engineer's name not given. Owners, Pacific Gas and Fuel Co. The Pacific Gas and Fuel Co. has secured a franchise to construct gas mains in the streets of McKittrick. The same company has also made application for franchises at Taft, Reward and Belridge. According to Murray Bourne, a Fresno attorney, who represented the corporation, about $300,000 will be expended in the construction of pipe lines, compressor stations, etc., in this territory.

Contract Awarded.

BRIDGE. Steel and concrete, $8,994 Modesto, Stanislaus Co., Cal. Engineer, County Surveyor, Modesto. Owners, Stanislaus County. Contractors, W. D. Voorheis & Son, Stockton. Contract price, $8,994.

BUILDING CONTRACTS

FRESNO COUNTY.

FRAME FLATS
LOTS 20 AND 21 and strip adjoining Blk 4 Irvington 2nd Addition. Fresno. Two-story frame flats.
Owner.....Mary J. S. Eaton.
Architect ...Glass & Butner, Republican Bldg., Fresno.
Contractor..Hansen Constr. Co., 2225 Fresno St., Fresno
Filed Mar. 19, '17. Dated Mar. 17, '17.
2nd floor joists in.....$1923
Roofed 1923
Plastered 1923
Completed 1923
Usual 35 days..... 2560
TOTAL COST, $10,260
Bond, $5130. Surety, Maryland Casualty Co. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

PUMPING PLANT
LOT 2 BLK 42 Alta Vista Tract. Fresno Pumping plant.
Owner.....Fresno City Water Co.
Architect ..None.
Contractor..W. H. Ackerman, 3rd and Huntington Sts., Fresno.
COST, $1170

DWELLING AND GARAGE
LOT 12 BLK 17 Hazelwood. Dwelling and garage.
Owner.....Dow & Cannon.
Architect ...None.
Contractor..G. C. Cannon, 120 Glenn St., Fresno.
COST, $2000

DWELLING
LOTS 22 AND 23 BLK 38 Arlington Heights, Fresno. Dwelling.
Owner.....G. A. Walley, 135 Diana St., Fresno.
Architect ...None.
Day's work. COST, $2000

DWELLING
LOTS 3 AND 4 BLK 15 Belmont Addition, Fresno. Dwelling.
Owner.....M. R. Jackson, 1139 R St., Fresno.
Architect ...None.
Contractor..Geo. Hooper, 620 Bond St., Fresno.
COST, $1300

COMPLETION NOTICES

FRESNO COUNTY.

RECORDED ACCEPTED
Mar. 16, 1917—LOTS 10 AND 11 BLK 2, Maywood, Fresno. Bessie Cornelius to whom it may concern.....March 10, 1917
Mar. 16, 1917—PTN SE ¼ OF SEC 24, 17-19, Fresno. Riverdale Union High School to whom it may concern .....Mar. 14, 1917
Mar. 24, 1917—S ½ OF NE ¼ OF Sec 24-20-14 (oil well). W O Maxwell to whom it may concern.....Mar. 22, 1917

NOTICE OF NON-LIABILITY.

FRESNO COUNTY.

Mar. 16, 1917—IMPERIAL COPPER Mine. Estate W H McKenzie et al as to improvements on leased property .....

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

ELECTROLIER SYSTEM—Cost not stated. Lodi, San Joaquin Co., Cal. Engineer, City Engineer, Lodi. Owners, City of Lodi. The Business Men's Association is consulting with the City Trustees with the intention of constructing an electrolier system in all the streets of the city. The light will be provided free by the city if the property owners will purchase the electroliers, is the plan under whiich the system will be constructed

SEWER CONSTRUCTION—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer Stockton. Owners, City of Stockton. Bids will be opened on March 30th at 10 a. m. for the construction of a 16-inch, vitrified, pipe sewer at intersection of Wyandotte street with the Lower Sacramento road, a portion of the Kennington Way, etc., also for constructing a 36-inch diameter sewer of redwood staves, commencing at the intersection of the center line of West street and South avenue, etc. Also for constructing 26 manholes with concrete walls and bottoms and cast iron covers.

ROAD CONSTRUCTION — Cost not stated. Eureka, Humboldt Co., Cal. Engineer, County Surveyor, Eureka. Owners, Humboldt County. Bids will be opened on April 10th at 2 p. m. for the construction of four miles of the Lord-Ellis road near Blue Lake in Road District No. 3.

STREET IMPROVEMENTS — Cost as follows. Stockton, San Joaquin Co., Cal Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council at its last meeting opened bids for street work in McCloud's addition in North Stockton, and action on award of contract was laid over as all bids were considered too high. The bids received were as follows: Federal Construction Co., Sharon Bldg., San Francisco, $45,796.31; Pahl & Caldwell, Stockton, $44,102.68; Clark & Henery, Stockton, $40,238.83; M. A. Greely, San Francisco, $39,962.89. The City Engineer's estimate for the work was $38,-227.99. Greely, the lowest bidder, is a member of the firm of Ehrhart & Greely of San Francisco.

SIPHONS—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Bids will be opened on March 30th at 10:30 a. m. for constructing a 20-inch cast iron siphon crossing under Smith Canal, with a special manhole at each end and 93.3 feet of 24-inch, vitrified, salt-glazed, ironstone sewer pipe.

CEMENT, ROCK AND SAND—Cost as follows. Sacramento, Cal. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. Bids for furnishing 175,000 barrels of cement and a large quantity of sand for use in constructing the Sacramento County highway system have been rejected. It is the intention of the Supervisors to purchase the materials in the open market. A contract for 100,000 tons of crushed rock was awarded to the Natomas Consolidated Co., of Oroville on their bid of 55 cents per ton, F. O. B. Oroville or Fairoaks. The Contra Costa Construction Co., Berkeley, was awarded the contract for unloading the materials on their bid of 11 cents per ton.

CULVERTS AND CRUSHED ROCK ETC.—Cost not stated. Richvale, Butte Co., Cal. Engineer's name not given. Owners, Drainage District No. 100, Richvale. Bids will be opened on April 10th at 7:30 p. m. for the construction of concrete culverts and for furnishing cement and broken rock or gravel for Drainage District No. 100 of Butte County. For the construction of concrete culverts, including the furnishing of reinforcing steel, also sealed proposals for furnishing cement and broken rock or gravel to the said district. The work to be done under said proposals constitutes only a part of the drainage work planned for the district. The estimated amount of concrete work is 700 yards, of cement wanted is 2,000 barrels, of broken stone is 2,000 cubic yards.

RESIDENCE — 2 story and base, brick $16,000. Sacramento, Cal. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owner, Mrs. G. W. Mills. Location, Yardley avenue. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans complete and figures to be called for shortly.

RESIDENCE — 2 story and base, frame, $7,500. Yreka, Siskiyou Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, R. H. De Witt, Yreka. Will contain nine rooms and two baths. Plans complete and figures being taken.

FLATS—2 story and base, frame, $6,500. Yreka, Siskiyou Co., Cal. Ar-Acchitect, Henry C. Smith, Humboldt bank Bldg., S. F. Owner, Miss C. Hawkins. Will contain two flats of four rooms each. Plans are being prepared.

BANK AND OFFICES—3 story and base. Class A construction. Cost not stated. Eureka, Humboldt Co., Cal. Architects, G. A. Applegarth and Fay Spangler, associated, S. F. and Eureka. Owners, Humboldt National Bank. Location, northwest Fourth and E streets, covering an area of 45 by 80 feet. Plans are being prepared and further mention will be made of the work.

APARTMENT HOUSE—2 story and base, frame, $10,000. Stockton, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owner, Miss Elina Moore. Location, Commerce and North streets. Will contain four apartments of two and three rooms. Plans are being prepared.

BRIDGE—Reinforced concrete. Cost not stated. Cottonwood, Shasta Co., Cal. Engineers, State Highway Commission, Forum Bldg., Sacramento. Owners, State of California. T. A. Bedford, division engineer of the Highway Commission, reports the preparation of plans and specifications by the Highway Commission for the construction of a bridge across Cottonwood Creek at the town of Cottonwood, Shasta County. Bids will be called for shortly.

CANNERY — 1 story, brick and frame, $7,500. Manteca San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Manteca Canning Co. Will cover an area of 60 by 120 feet. Plans are being prepared.

FACTORY—3 story and base, brick, $12,000. Stockton, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Benham Ice Cream Co. Location, Aurora and Oak streets. Will contain ice cream factory and ice making plant. Plans complete and figures to be taken.

GARAGE AND SALES ROOMS—1 story and base, reinforced concrete, $10,000. Chico, Butte Co., Cal. Architect, Chester Cole, Chico. Owners, S. H. Chalmers and A. A. Fano. Location, Broadway, covering an area of 60 by 132 feet. Plans complete and figures being taken.

LODGE HALL—1½ story and base, frame, $9,000. Lodi, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Lodi Eagles Hall Association. Location, Locust and Sacramento streets. Will contain lodge rooms and offices. Plans complete and figures being taken.

HOTEL AND STORES—4 story and base, reinforced concrete. Cost not stated. Eureka, Humboldt Co., Cal. Architect's name not given. Owners, Roy Carruthers, Palace Hotel, S. F., et al. Location, 5th and G streets, covering an area of 110 by 120 feet. Will contain several stores and 90 rooms. Plans being prepared. Construction to be under the direction of Lindgren Co., Monadnock Bldg., S. F.

LODGE HALL—3 story and base. Class A construction, $300,000. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento Masonic Temple Association. The following contracts have been awarded: Mathews Construction Co., Forum Bldg., Sacramento, general construction, $174,877; Teichert & Ambrose, Ochsner Bldg., Sacramento, concrete piling, $8,700; Palm Iron Works, 1814 15th street, Sacramento, structural steel, $65,147; Latourette & Fical, 35th and Sacramento streets, plumbing; Otis Elevator Co., S. F., elevators; W. P. Fuller Co., S. F., glass and glazing; Schneider, Chappell & Jones, 615 J street, Sacramento, painting and decorating.

SCHOOLS—2, 1 story, hollow tile and frame, $27,000. Placerville, El Dorado Co., Cal. Architect, N. W. Sexton, Merchants' National Bank Bldg., S. F. Owners, City of Placerville. All bids for this work have been rejected. Plans are being revised and new bids will be called.

SCHOOLS—1, 2 story and 4, 1 story, brick and frame, $125,000. Yreka, Siskiyou Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Siskiyou County. Location, Yreka, Fort Jones, Sissons, McCloud and Dorris. The Yreka building will contain high school and grammar grades, the Fort Jones a junior high school and the other buildings grammar schools. Bids to be called for at once.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Location, property bounded by E, F, 17th and 18th streets. Will contain 24 class rooms. Plans complete and figures being taken. Bids open on April 20th.

BANK AND OFFICES—4 story and base, reinforced concrete. Cost not stated. Eureka, Humboldt Co., Cal. Architect's name not given. Owners, Roy Carruthers, Palace Hotel, S. F., et al. Location, southeast 5th and F streets. First floor leased to First National Bank. Construction to be carried on by Lindgren & Co., Monadnock Bldg., S. F. Plans being prepared.

Contract Awarded.

SCHOOL—1 story, brick and stone, $9,500. Fort Bidwell, Modoc Co., Cal. Architect's name not given. Owners, Fort Bidwell School District. Contractor, J. A. Blunt, Fort Bidwell. Contract price, $9,500.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

STORE FIXTURES
NO. 2008 N ST., Sacramento. Install counters and store fixtures.
Owner.....Mrs. Lizzie Griffeth.
Architect ...None
Day's work. COST, $500

ALTERATIONS
NO. 628 I ST., Sacramento. Remodel store front and make two entrances.
Owner.....Annie C. Heison.
Architect ...Gus Marinos.
Contractor..J. A. Lucas, 1604 V St., Sacramento.
COST, $900

LODGING HOUSE
NO. 317 M ST., Sacramento. Three-story frame lodging house (32 rooms and 2 stores).
Owner.....Ernestine Barbiere, Sacramento.
Architect ...None.
Contractor..Chas. A. Vanina, 2022 M St., Sacramento.
COST, $6000

BRICK GARAGE
NO. 414 FOURTEENTH ST., Sacramento. One-story brick public garage.
Owner.....Trainor & Desmond, 813 J St., Sacramento.
Architect ...None.
Contractor..R M. Smith, 2017 18th St., Sacramento.
COST, $2500

BRICK WORK, ETC.
NO. 117 J ST., Sacramento. Brick, steel, wood joists, plaster on metal lath, brick foundations and concrete work for alterations to two-story brick building into stores and lodging house.
Owner.....Wood-Curtis Co., Premises.

[illegible] Bldg., Sacramento.
Day's work COST $[illegible]

BRICK STORE
No. 1119 J ST. Sacramento. One-story brick store.
Owner.....Charles Synnesael
Architect ...None.
Contractor..Chas. Synnesael.
COST, $800

ALTERATIONS
No. 3215 ORANGE ST., Sacramento.
Move one-story building to new location, build new brick foundation for meeting hall.
Owner.....W. F. Ellis, 2519 32nd St., Sacramento
Architect ...None.
Contractor..M. F. McKenzie, 1126 T St., Sacramento.
COST, $950

ALTERATIONS
NO. 912 O ST. Sacramento. All work for remodeling and repairing three-story building of 39 rooms into (12) apartments.
Owner.....A. G. Ernst, 1130 O St., Sacramento.
Architect ...None.
Contractor..Charles A. Vanina, 2022 M St., Sacramento.
COST, $4000

COMPLETION NOTICES

SACRAMENTO COUNTY

RECORDED ACCEPTED
Mar. 17, 1917—LOT 4 AND E 50 ft Lot 3, K, L, 9th and 10th Sts, Hotel Land, Sacramento. Nettie E Evans to C J Hillard Co, Mar. 9, 1917; American Marble & Mosaic Co.....March 9, 1917
Mar. 15, 1917—LOT 4 AND E 50 FT. Lot 3 K, L, 9th and 10th Sts, Hotel Land, Sacramento. Nettie E Evans to Sacramento Cabinet Co, March 9; Sacramento Planing Mill & Furniture Co, March 9; Ahl & McLaughlin March 9; American Fixture Co, Mar 9 and A G Dis[illegible].....March 9, 1917
Mar. 21, 1917—HOTEL LAND, Sacramento. Nettie E Evans to A Knowles .....Mar. 9, 1917

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

BANK AND OFFICE BUILDING
SW MAIN AND SAN JOAQUIN STS., Stockton. All painting and finishing for nine-story and basement bank and office building.

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

Owner.. Farmer & Merchants Bank, Stockton.
Architect . .Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor L. J. Neal, 561 Hayes St., San Francisco
Filed Mar. 16, '17. Dated Mar. 9, '17.
On 1st and 15th of each month 75%
Usual 35 days.....Balance
TOTAL COST, $3250
Bond, $1625 Surety, New Amsterdam Casualty Co. Limit, not held to damage on delay. Forfeit, price of any damage to owner Plans and specifications filed.

GARAGE
LODI. Cement blocks and plaster garage.
Owner.....A. B. Hoag, Lodi
Architect ...None.
Contractor..R. Sennet, 124 E-Walnut St., Lodi.
COST, $ -

MARKET BUILDING
LOCUST AND SACRAMENTO STS., Lodi Market building.
Owner.....A. A. Kels, 119 N-Sacramento St., Lodi.
Architect ...None.
Contractor..F. G. Cary, Lodi.
COST, $10,000

CREAMATORY
PTN SEC 8 T 3 N R 7 E Mt. Diablo Base. Stockton. Concrete, excavation, brick, tile, lumber, carpenter, mill work, pointing, plastering, roofing, stucco, plumbing, sheet metal, electric work for brick and frame creamatory and mausoleum.
Owner.....B. C. Wallace, Channel & Stanislaus, Stockton.
Architect ...W. B. Thomas, Yosemite Bldg. Stockton.
Contractor..Powell & Medbury, Stockton.
Filed Mar. 21, '17. Dated Mar. 21, '17.
Concrete foundation in.....$1250.00
Frame up ready for roof and stucco 1250.00
Roof on and outside plastered 1500.00
Inside plastering done..... 1500.00
Completed and accepted..... 1275.50
Usual 35 days..... 2258.50
TOTAL COST, $9034.00
Bond, $4517. Sureties, Robert Powell and Newton Rutherford. Limit, reasonable time. Forfeit, any damage. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

STREET IMPROVEMENTS — Cost not stated. Santa Barbara, Santa Barbara Co. Cal. Engineer, City Engineer, Santa Barbara. Owners, City of Santa Barbara. Bids will be received by the City Clerk up to 2 p. m. of April 5th for improving portions of Canyon Perdido street and San Andres street, by grading and paving with 2-inch asphalt on 4-inch concrete base, and by constructing concrete curb and gutters, stone curbs, vitrified pipe sanitary sewer, five manholes, thirteen catchbasins, etc., all in accordance with plans and specifications on file at the office of the City Engineer. Certified check or bond for 10 per cent required. A. Christine Hall is the City Clerk.

SEWER CONSTRUCTION Cost as follows. Los Angeles, Cal. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Leo Miletich was the lowest bidder at $16,900 for the construction of a sewer in Topaz street, from Huntington Drive to Galena street, and in portions of other streets. The other bids were: Mike Chutuk, $17,818; B. Z. Wucetich, $21,450; B. Zaich, $23,333.

HIGHWAY IMPROVEMENTS Cost not stated. Riverside, Riverside Co., Cal. Engineer, County Surveyor, Riverside. Owners, Riverside County. Bids will be opened on April 4th at 10 a. m. for the improvement of a portion of the roads of Coral Reef Permanent Road Division. Said improvements consisting in part of grading, surfacing with gravel and oiling approximately 4½ miles of roadway, grading and brushing 20¼ miles of roadway and clearing and grading 6½ miles of roadway.

SEWER SYSTEM—$50,000. Upland, San Bernardino Co., Cal. Engineers, Olmstead & Gillelen, Hollingsworth Bldg., L. A. Owners, City of Upland. The system will require about 17,000 feet of outfall sewer, which will be built by bond issue. The lateral sanitary sewer system will be constructed under the provisions of the Vroman Act.

SEWER CONSTRUCTION — Cost as follows. Seal Beach, Los Angeles Co., Cal. Engineers, Olmstead & Gillelen, Hollingsworth Bldg., L. A. Owners, City of Seal Beach. John Sutalo, 476 Bell street, L. A., was the lowest bidder at $33,619 for constructing the sewer system. Alternate bids were taken on both vitrified and concrete pipe, the price bid being the same. The next lowest bid was submitted by J. Chutuk for $34,382.58.

HIGHWAY CONSTRUCTION — Cost as follows. Ventura, Ventura Co., Cal. Engineer, County Surveyor, Ventura. Owners, Ventura County. The Brasher-Burns Co., Van Nuys Bldg., L. A., was the lowest bidder at $31,601.66 for improving Division 3, Fillmore to Piru road, consisting of 7.54 miles of 5-inch concrete paving 16 feet wide, and constructing concrete and metal pipe culverts. The bid was taken under advisement for one week.

SEA WALL, ETC.—Cost as follows. Long Beach, Los Angeles Co., Cal. Engineers, Koebig & Koebig, Title Insurance Bldg. L. A. Owners, City of Long Beach. H. W. Schlueter, 1225 Maryland street, L. A., has been awarded a contract at $54,476 for constructing a combined reinforced cement concrete sea wall of Schlueter interlocking slab type and reinforced concrete sidewalk with longitudinal center wall, end walls steps, lighting standards and other appurtenances all of reinforced concrete, and vitrified clay pipe culverts along 1800 linear feet of Seaside Boulevard. Carl Sortiras, Black Bldg., L. A., was the only other bidder at $58,-000

APARTMENT HOUSE—2 story and base, frame, $20,000. Los Angeles, Cal. Architects, Taylor Bros., Black Bldg., L. A. Owners, Taylor Bros. Location, northeast Sunset Boulevard and Vista street Will contain forty rooms arranged in residential apartments of five and six rooms. Plans being prepared.

APARTMENT HOUSE—4 story and base, brick, $75,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, F. L. Dickenson. Location, Benton Way between Wilshire Boulevard and Seventh street, covering an area of 75 by 125 feet. Will contain eighty rooms arranged in two and three room apartments. Plans are being prepared.

APARTMENT HOUSE AND STORES —2 story, frame. Cost not stated. Hollywood, Los Angeles Co., Cal. Architect, H. H. Whiteley, Story Bldg., L. A. Owner, L. J. Wollan. Will cover an area of 60 by 100 feet and contain seven stores and eleven apartments of two, three and four rrooms. Plans are being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Atrhur D. Kelly, Story Bldg., L. A. Owner, C. B. Hersey. Location, Arden Boulevard, between 4th and 5th streets.. Will contain fourteen rooms and three baths. Plans complete and figures to be called for shortly.

RESIDENCE — 2 story and base, hollow tile. Cost not stated. Oxnard, Ventura Co., Cal. Architect, Alfred F. Priest, Fay Bldg., L. A. Owner, Louis Maulhardt. Will contain twelve rooms and three baths. Separate garage. Plans are being prepared.

RESIDENCE — 2 story and base, reinforced concrete, $100,000. San Marino, Los Angeles Co., Cal. Architect, Robert D. Farquhar, Van Nuys Bldg., L. A. Owner, Rufus Spaulding. Location, Shenandoah Road. Only preliminary plans have been prepared and details cannot be given at this time. Further mention will be made of the work.

FLATS—2, 2 story and base, brick and plaster, $20,000. Los Angeles, Cal. Architects, Taylor Bros., Black Bldg., L. A. Owner, Frank Murphy. Location 8th street near Normandie. Will contain eight flats of five rooms each. Plans complete and work to be done by Day Labor.

BANK—1 story and base, brick, $40,000. Covina, Los Angeles Co., Cal. Architects, Edelman & Barnett, H. W. Hellman Bldg., L. A. Owners, First National Bank of Covina. Location, Citrus and College avenues. Will be occupied by the bank only. Plans are being prepared.

BANK—1 story and base, brick, $25,000. Upland, San Bernardino Co., Cal. Architect, Homer W. Glidden, Wright and Callender Bldg., L. A. Owners, First National Bank of Upland. Location, 2nd avenue and 9th street, covering an area of 45 by 90 feet. Plans are being prepared.

JETTY WORK—Cost not stated. Newport, Orange Co., Cal. Engineers, Leeds & Barnard, Central Bldg., L. A. Owners, City of Newport. Sealed proposals for constructing a rubble mound jetty for the city of Newport Beach, at the entrance of Newport Bay, will be received at the office of the City Clerk, city hall, until 7:30 p. m., April 23rd, 1917, and publicly opened.

BRIDGE—Reinforced concrete. Cost not stated. Riverside, Riverside Co., Cal. Engineer, County Surveyor, Riverside. Owners, Riverside County. The County Supervisors have ordered bids received up to April 11th for the construction of a bridge across Snow Creek near Whitewater Point. The specifications call for piling and concrete piers. Plans may be had from the County Clerk.

CHURCH—1 and 2 story and base, brick and frame, $40,000. Hollywood, Los Angeles Co., Cal. Architect, Norman F. Marsh, 344 Broadway, L. A. Owners, Hollywood Baptist Church. Will cover an area of 84 by 152 feet. Will contain auditorium and Sunday school rooms. Plans are being prepared.

CHURCH—1 and 2 story brick and concrete, $30,000. Lamanda Park, Los Angeles Co., Cal. Architects, Frohman & Martin, Slavin Bldg., Pasadena. Owners, Lamanda Park Methodist Church. Will contain main auditorium and Sunday school rooms. Plans are being prepared.

LAUNDRY—2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, John F. Bilee, Union League Bldg., L. A. Owners, Linen Laundry Co. Location, 319 and 321 Boyd street, covering an area of 75 by 110 feet. Plans complete and owners taking figures.

GARAGE—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, W. S. Garrett, Curries Bldg., L. A. Owner, Mrs. Amanda Salter. Location, Figueroa near 11th street, covering an area of 50 by 165 feet. Plans complete and figures being taken.

HOTEL—3 story and base, brick. Cost not stated. Torrance, Los Angeles Co., Cal. Architects, J. M. Cooper and W. Douglass Lee, Marsh-Strong Bldg., L. A. Owner, Mrs. Henderson. Will cover an area of 110 by 18 feet and contain 60 rooms. Plans are being prepared.

IRRIGATION SYSTEM — Cost not stated. San Diego, San Diego Co., Cal. Engineer, County Surveyor, San Diego. Owners, San Diego County. Until 11 a. m. April 2nd bids will be received by the Board of Supervisors for constructing an irrigation system and pipe line, consisting of cement pipe line, standpipes, valves, gates, etc., on portion of pueblo lot No. 1118. Separate bids will also be received at the same time for the construction and installation of a pumping plant on portion of Pueblo lot No. 1105, to consist of pump house, motor, pump and connections to discharge pipes and wells. Plans and specifications are on file at the office of the Board. Certified check for 5 per cent. J. T. Butler, County Clerk.

Contract Awarded.

HOTEL—4 story and base brick and steel, $34,609. Los Angeles, Cal. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owner, A. L. Phillips. Contractor, Frank R. May, Builders' Exchange, L. A. Contract price, $34,609.

RESIDENCE—2 story and base, hollow tile, $40,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Karl Steinlein. Contractors, Milwaukee Building Co. Contract price, $40,000.

APARTMENT HOUSE—2 story and base, frame, $21,500. Los Angeles, Cal. Architect, W. B. Rust, Van Nuys Bldg., Owner, Florence E. Keeler. Contractor, W. L. Miller, Van Nuys Bldg., L. A. Contract price, $21,500.

CHURCH—2 story and base. Class B construction, $55,000. Santa Barbara, Santa Barbara Co., Cal. Architect, Roland E. Sauter, San Marcos Bldg., Santa Barbara. Owner, First Presbyterian Church. Contractors, W. E. Kier Construction Co., American Bank Bldg., L. A. Contract price, $55,000.

FACTORY—3 story and base, steel, $50,000. Los Angeles, Cal. Architect, Robert M. Taylor, Marsh-Strong Bldg., L. A. Owners, Manhattan Furniture Co. Contractors, Leppo & Lee, Builders' Exchange, L. A. Contract price, $50,000.

PACKING PLANT—2 story, brick, $23,000. Los Angeles, Cal. Architects, Henschien & McLaren, Chicago, Ill. Owners, Ogden Packing Co. Contractor, C. A. Paulson, 6553 Sunset Boulevard, L. A. Contract price, $23,000.

HOTEL—2 story and base, brick. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architect, J. Corbley Pool, Bothin Bldg., L. A. Owner, Mrs. C. A. Mansker. Contractor, Samuel Hunter, Santa Barbara. Contract price not stated.

PORTLAND AND OREGON.

APARTMENT HOUSE—4 story and base, brick, $45,000. Portland, Ore. Architect, none. Owner, Herbert Gordon, Henry Bldg., Portland. Location, 11th near Harrison, covering an area of 50 by 100 feet. Will be arranged for three room apartments. Plans complete and work to be done by Day Labor.

HOSPITAL—3 story and base, brick, $22,500. Roseburg, Ore. Architect, Lewis Thompson, Central Bldg., Portland. Owners, State of Oregon. Location, Soldiers' Home. Will cover an area of 50 by 100 feet. Plans are being prepared.

THEATRE AND STORES—2 story and base, brick, $12,000. Tillamook, Ore. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owner, M. W. Harrison. Will cover an area of 55 by 105 feet. First floor arranged for theatr eand stores. Upper floor for apartments. Plans are being prepared.

SEATTLE AND WASHINGTON.

HIGHWAY CONSTRUCTION — Cost not stated. Tacoma, Wash. Engineer, County Surveyor, Tacoma. Owners, Pierce County. Bids will be received by the Pierce County Commissioners, Thos. N. Morris, County Auritor, Tacoma, untily April 12th for the construction of two miles of Permanent Highway No. 8-A, known as the Pacific Highway, by grading, clearing, grubbing and constructing culverts and for the paving of a portion with any of the following: Brick, monolithic, one-course concrete, bitulithic, Warrenite or Topeka. Plans for the improvement may be had of County Engineer D. H. White.

APARTMENT HOUSE—3 story and base, reinforced concrete, Seattle, Wash. Architects, Charles Bebb and Carl Gould, Denny Bldg., Seattle. Owners, E. M. Jordan & Co. Location, 5th avenue and Lenora, covering an area of 60 by 120 feet. Will contain 75 apartments of two and three rooms. Plans complete and figures being taken.

SORORITY HOUSE—2 story and base, frame. Cost not stated. Seattle, West [illegible] Bruce W. Roberts Arcade Bldg., Seattle. Owner, A. T. Churchill. Location, 14th avenue. Will contain [illegible] and a number of private baths. Plans complete and [illegible] to be taken.

APARTMENT HOUSE—3 story and [illegible] mill construction, $55,000. Seattle, Wash. Architect, I. A. Gentzler, [illegible] Bldg., Seattle. Owner's name withheld. Location, University and [illegible] streets, covering an area of [illegible] feet. Will contain 37 apartments of two, three and four rooms. Plans complete and figures being taken.

APARTMENT HOUSE—4 story and base, brick, $50,000. Seattle, Wash. Architect, V. W. Voorhies, Eitel Bldg., Seattle. Owners, A. F. Hamill and [illegible] Dwight. Location, 4th avenue and Virginia street, covering an area of 80 by 108 feet. Will contain 38 apartments arranged in three and four room suites. Plans are being prepared.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Seattle, Wash. Architect, Charles Haynes, Mehlhorn Bldg., Seattle. Owner, Central Agency Co. Location, 10th and Broadway Place, covering an area of [illegible] by 120 feet. Plans complete and figures being taken.

ARIZONA.

STREET IMPROVEMENT — Cost as follows. Douglas, Ariz. Engineer, City Engineer, Douglas. Owners, City of Douglas. The S. C. Contracting Co., Washington Bldg., L. A., was awarded the contract at about $340,000 for improving streets at Douglas, the work involving about 140,000 square yards of paving. The unit prices were $2.50 per square yard for concrete paving, $1.70 per square yard for concrete base foot for sidewalk, 44 cents per linear foot for rsidewalk, 44 cents per linear foot for curb, 25 cents per square foot for gutter, $12 per foot for culverts.

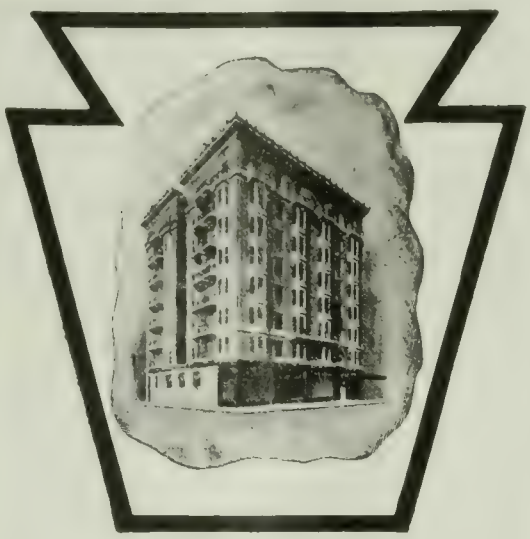
IRRIGATION PUMPS, ETC.—Cost not stated. Yuma, Ariz. Engineer, U. S. Reclamation Service, Denver, Colo. Owners, United States Government. Sealed proposals for furnishing pumping machinery for the Yuma Valley drainage plant, Yuma project, Arizona, will be received at the office of the United States Reclamation Service, Denver, Colo., until 2 o'clock p. m. April 18, 1917, and will then be opened. The work is located near Yuma, Ariz. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. Davis, chief engineer.

HYDRO-ELECTRIC PLANT — Cost not stated. Grand Canyon, Ariz. Engineer, J. B. Girard, Phoenix. Owners' names not given. Work of constructing three concrete dams and hydro-electric plants in the Grand Canyon will be commenced in the near future, according to J. B. Girard. The first dam will be constructed about 21 miles north of Peach Springs, at a point [illegible] the walls of the canyon are [illegible] feet above the stream. It will be necessary to construct a spur track from the Santa Fe at Peach Springs to the site, or to construct a highway to allow the use of motor trucks. Power generated by this plant when completed will be used in connection

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

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Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

the other two. The Clark Engineering Co. of New York City has a man on the site checking up plans and making estimates.

RECEIVE FIGURES FOR COLUSA SCHOOL.

J. S. Hannah Presents Low Figure for General Construction Bids Being Considered by Board.

(By Special Wire)

COLUSA, Colusa Co., Cal., March 21, 1917.—A number of bids were received by the Colusa Board of Education today for the construction of the two-story Class "C" school building designed by Architect W. H. Weeks, 75 Post street, San Francisco. J. S. Hannah, Williams Bldg., San Francisco, presented the low bid at $80,732 with an alternate of $76,150 for the general construction. This bid together with bids for plumbing and heating were taken under consideration by the Board. Following is a complete list of the bids received:

The alternate proposition under the general construction provided for the ommission of one wing and an arcade.

General Construction.

Bidder	Prop 1	Prop. 2
R. W. Littlefield, Okd	$87,100	$83,560
W. W. Campbell, Sac	94,800	87,300
Robert Trost, S. F.	89,983	84,290
Christiansen & Sons, Okd	84,500	80,942
J. S. Hannah, S. F. (low)	80,732	76,150
Howard S. Williams, S. F.	90,950	86,450
Stockholm & Allyn, S. F.	96,977	91,630
Carnahan&Mulford, S. F.	96,516	91,816
Anderson&Ringrose, S. F.	96,825	91,300
A. R. Wagner, S. F.	85,260	79,970
Harvey A. Klyce, S. F.	86,674	82,797
Thurston & Co., S. F.	84,985	83,085
Masow & Morrison, S. F.	83,879	79,480
F. L. Hansen, S. F.	88,200	80,880

Plumbing.

J. E. O'Mara, S. F.	$ 6,800
J. H Pinkerton, S. F.	8,496
W. T. Boyce & Son, Woodland	6,997
Latourette & Fiscal, Sacramento	13,400
Scott Co., S. F.	7,000

Heating and Ventilating.

Scott Co., S. F.	$13,360
J. C Hurley, S. F.	12,357
J. E. O'Mara, S. F.	12,950

Program Clocks.

Standard Electric Time Co, S. F.	$975

Vacuum Cleaning.

San Francisco Compressed Air Cleaning Co.	$700

Roofing.

Paraffine Paint Co., S. F.	$1,251
J. W. Bender, S. F.	1,396

City Bids Opened.

Bids Received by San Francisco Board of Public Works for School Improvements, Etc.

Bids were opened yesterday by the San Francisco Board of Public Works for the general construction of lavatories in the Francis Scott Key School and for the plumbing work on the same; for fire escapes for the Hawthorne and Francis Scott Key Schools; for a concrete sump at the Commercial street pumping station and for plates, rail braces, etc., for the Municipal Railway.

No bids were received for the improvement of Carolina street, between 22nd and 23rd streets. New bids for this work will probably be called. Following is a complete list of the bids received:

General Construction Lavatories, Francis Scott Key School.

A. Ahlbach	$2,850
L. Henckenroth	2,477
A. H. McKenzie	2,528

Plumbing, Lavatories, Francis Scott Key School.

F. W. Snook & Son	$3,896
Alex. Coleman	3,332
Burnham Plumbing Co.	3,700
D. Williamson	3,275
A. Lettich	3,383
J. H. Pinkerton	3,444
Scott Co.	3,776
Ahlbach & Mayer	3,400

Fire Escapes.

	Hawthorne School	F. S. Key School
G. G. Iron Wks.	$2439	$2498
Western Iron Wks.	2869	2648
Ralston Iron Wks.	3974	3895
Monarch Iron Wks.	3194	2994

Concrete Sump, Commercial St. Pumping Station.

John Grace	$1820
Bos. & O'Brien	1467

...tra Costa Constr. Co.	1880
W. Govill	1950
R. Eaton	1475
Tibbitts Pacific Co.	1861

The following firms submitted bids for tie plates, rail braces, spikes, etc., for the Municipal Railway:

Paynes Bolt Works.
U. S. Steel Products Co.
Eccles & Smith
Judson Mfg. Company.
International Iron & Steel Co.

Bids were submitted by each firm for various parts of the work and the low bidder could not be determined at the time of going to press.

Two bids were received by the San Francisco Board of Public Works for furnishing linoleum for the Pathological Building of the San Francisco Hospital.

	Prop. 1	Prop. 2
C. N. & E. Walter	$1,536.15	$1,674.95
W. & J. Sloane	1,072.50	.....

FIGURES RECEIVED FOR BRANCH LIBRARY.

Building Designed By Architects Coxhead & Coxhead to be Erected at Green and Octavia.

A number of bids were received by the City Library Trustees at their meeting Friday afternoon for the construction of the branch library to be erected at the southwest corner of Green and Octavia streets. C. E. McMullin, 110 Jessie street, presented the lowest bid for the general construction at $22,188. Plans for the building were prepared by Architects Coxhead & Coxhead, Hearst Bldg. Bids were taken under advisement. Following is a complete list of the bids received:

General Construction.

C. L. Wold & Co.	$27,279
W. D. Henderson	28,880
F. L. Hansen	26,330
C. E. McMullin	22,188
R. A. Chisholm	23,934
Grace & Bernieri	25,012
Clinton Constr. Co.	28,500
P. J. Lynch	26,574
O. C. Holt	28,840

Architectural Terra Cotta.

Gladding-McBean Co.	$8,650	$9,270
N. Clarke & Son	8,855	9,305

Heating and Ventilating

Turner Co.	$2,240
Kiernan & O'Brien	2,735
J. H. Pinkerton	2,280
Atlas Heating & Ventilating Co.	1,778
Thermic Engineering Co.	1,934
J. E. O'Mara	2,745
Scott Co.	2,180
Gilley-Schmid Co.	2,311

Plumbing.

Frederick W. Snook Co.	$1,525
J. H. Pinkerton	1,495
Ahlbach & Mayer	1,310
Frank J. Klimm	1,460
J. E. O'Mara	1,255

Electric Work.

Central Electric Co.	$1,300
Globe Elec. Co.	1,067
Asher Elec. Co.	900
Gas & Elec. Appl. Co.	745
McFell Elec. Co.	1,250
Butte Eng. & Elec. Co.	1,450
Hetty Bros. Elec. Co.	1,084

Painting.

Harry Graper	$600

HEALTH ITEM.

At Tremeloo, Belgium, 75 years ago, Joseph DeVeuster, better known as Father Damien, was born. He was educated for a business carerer, but when he was eighteen years old he entered holy orders, and fifteen years later, in October, 1863, went to Honolulu as a missionary in the stead of his brother. In 1864 he was ordained a priest, and during the nine years that followed he was frequently struck in his parochial work with the pitiful condition of the Hawaiian lepers. In 1873, he volunteered to take up his residence on the Island of Molokai, to which at that time all lepers were deported, and there he remained until his death on April 15, 1889. He gave evidence in 1885 of having contracted leprosy from the unfortunates committed to his care, but he continued his labors.

Leprosy is a contagious, infectious disease, which is believed to be directly communicable from one person to another person. It is believed to be caused by a microscopic vegetable parasite shaped somewhat like a small curved stick. This bacillus was discovered by Hansen in 1874. In man the disease appears in several different forms, attacking almost any organ in the body, destroying any or all of the senses, and finally producing death. There is a disease among rats which closely simulates human leprosy, and the bacillus which causes it resembles that found in human leprosy.

It is not definitely known just how the leprosy bacillus enters the body. It may be through wounds of the skin or the lining membrane of the nose and throat, and possibly it may be taken into the body with food. It is pretty definitely proven that no particular article of diet, such as fish, causes the disease. It has been thought that some insect may act as the agent which transfers the germs from sick people to well people. This is not proven.

Whatever the exact mechanism in the transference of the leprosy bacillus, practical evidence shows that the disease is spread mainly by direct contact, and is most prevalent where people are dirty and overcrowded. There is no evidence that leprosy is hereditary.

Practical experience has shown that segregation is the only practical means of controlling the disease. A bill appropriating $250,000 for the purpose of establishing a national home for lepers passed the House of Representatives on May 4, 1916, and was passed by the Senate on January 25, 1917. This provides a national institution for the care and treatment of the unfortunates afflicted with this gruesome disease and solves the problem of preventing its spread in the United States.

TUBERCULOSIS DEATH RATE TAKES A BIG DROP.

For many years California has had one of the highest, if not the very highest, tuberculosis death rate of any state in the Union, with the possible exception of some southern states having high colored populations. Dr. W. A. Sawyer, Secretary of the California State Board of Health, says that the tremendous drop in the California death rate for this disease during 1916, however, gives hope that California may soon wipe this unenviable record. The tuberculosis death rate in California dropped from 194.5 per hundred thousand population in 1915 to 173.5 per hundred thousand population in 1916. This means that there were 5284 deaths in 1916, against 5551 such deaths in 1915.

Not only were there fewer tuberculosis deaths in the rural districts of the state, but the reductions in the large cities were marked. The tuberculosis death rate dropped 4.0 per cent in Los Angeles city and 7.3 per cent in San Francisco. This means that there were forty-one fewer tuberculosis deaths in Los Angeles and fifty-one fewer tuberculosis deaths in San Francisco during the past year.

There is no one factor that is alone responsible for this great reduction. The removal of active cases of tuberculosis, the provision of public clinics, the education of the people, the general betterment of living conditions, and the advance in standards of living have all played their parts in bringing about this remarkable record. This gives encouragement to the people who are engaged in warfare against the great white plague; it shows that in spite of the large number of tuberculosis cases imported into California every year, the control of the disease is possible.

EASTERN ENGINEER WANTS LOCAL JOB.

OAKLAND, Cal.—The City Council has received an application from B. S. Cresson J.r. former chief engineer of the State Board of Commerce and Navigation of New Jersey, for employment in connection with the development of the Municipal Harbor. The matter has been referred to the port commission. Mr. Cresson is at present a consulting engineer in New York City

ASK FOR ENGINEERING BRIDGE WORK.

OAKLAND, Cal.—The Watson-Davis-Miller Company, bridge builders, represented by Harlan D. Miller has presented to the Board of Supervisors a formal application to perform the engineering work on the proposed bridge across the Oakland harbor at Webster street. The application was filed with several others from bridge and engineering concerns.

PACKING-HOUSE DOCK FOR COLOMBIAN PORT.

The Government of Colombia has made a contract for the construction of a packing-house dock in the Gulf of Morrosquillo to be used exclusively in connection with the meat industry on the Atlantic coast of Colombia. This contract, made with Evaristo Rivas Groot and published in the Diario Oficial, is not an exclusive one, for the Government reserves the right to make similar contracts with other parties. The contractor agrees to construct the dock at his own expense, beginning the work within one year and completing it two years later, when he must submit his schedule of dock charges to the Government for approval. The contract is transferable with all its obligations.



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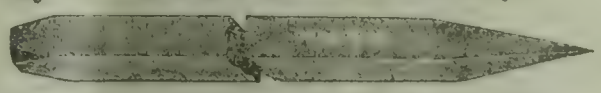
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WHAT OF SOUTH AMERICAN TRADE IN EVENT OF WAR?

What will be the effect upon reciprocal trade between the United States and the Latin American republics of a state of war between this country and Germany is a question that is much in the minds of manufacturers and exporters and importers. It is now generally conceded that war will come, and the flourishing trade that has been promoted particularly since the European war began is thought to be in a precarious situation. Financial America is authority for the statement that well informed persons in New York do not hesitate to declare that the revolution in Cuba and the minor revolts in Peru and Colombia are due to German activities. They also look for trouble with Mexico, in the event of this country entering the war, and further state that internal trouble will probably crop out in Nicaragua, Chile and Brazil and possibly in other Latin American countries, as the result of German intrigue.

Whether trade would be seriously jeopardized from this cause would depend upon the ability of the existing governments to put down these disturbances, and, according to one authority, the Monroe Doctrine will probably play a part should revolutions, fostered by Germany, grow to any great proportion. Despite large German population and the free expenditure of German money, the larger Latin American countries will be able to cope with the situation without outside aid, it is believed, but the smaller republics, as already indicated in the case of Peru, which has been out-and-out pro-Ally since the war, will have considerable difficulty in combatting the combination of trained German reservists and unlimited German gold. On the whole, it is believed, however, that internal disorders will be of only short duration.

The entrance of this country into the war may directly affect trade between the two sections to a certain extent, and, in the long run, according to authorities, advantageously. Probably the most important consideration in connection with this development is that virtually all the vessels carrying this trade are under American registry. That some of thes ships will be commandeered by the United States Government in case of war appears probable but there is little likelihood that a tie-up would result. In fact, shipbuilding activity in this country indicates that any gaps made immediately after a war declaration would soon be filled.

Moreover, this point of possible shortage of shipping accentuates the matter, which received so much attention following the outbreak of the European war, of not only Latin American dependence, with Europe cut off, upon this country's trade and [illegible] but of this country's dependence upon Latin American products. Furthermore, this fact practically insures the continuance of this trade, and, with the fresh realization of the mutual advantage gained, authorities look for a bigger and more solid trade in the future.

They believe that the outlook is for a much better understanding between the two sections. In some quarters, it is stated that this might be termed the entrance of a new stage in the development of trade relations between the United States and Latin America, and business men are urged to extend their efforts so far as possible, in dealings with the countries to the south.

The trouble in Peru at the present time is considered doubly unfortunate in view of the fact that the country, after considerable difficulty, had managed to rehabilitate its finances and strengthen its credit so that a loan here probably could have been floated in a short time.

TUNGSTEN DEPOSITS OF INYO COUNTY, CALIFORNIA.

The notable tungsten deposits near Bishop, the principal town of Owens Valley, Cal., are described in a report just issued by the United States Geological Survey, Department of the Interior. These deposits are mined in Deep Canyon, which traverses an isolated group of hills at the base of the Sierra Nevada. Similar groups of hills farther south in Owens Valley are known by distinctive names, such as the Alabama Hills, and the name Tungsten Hills has been suggested for the group in which the principal tungsten deposits have been found. The hills reach an altitude of 6,000 feet, or about 1,500 feet above the floor of Owens Valley, but they are dwarfed into insignificance by the mighty range behind them, which towers to 13,000 feet.

Tungsten ore was first found in place in August, 1913, on the Jackrabbit claim, near the present center of mining activity. Three partners, who were mining placer gold in Deep Canyon, found that the concentrates they obtained were difficult to clean because the gold was invariably accompanied by a heavy white metal. This troublesome material proved to be scheelite, one of the chief ore minerals of tungsten, and when its identity and value became known search for it was soon begun. It is reported that after all the quartz float in the area adjoining Deep Canyon had been broken open in vain during a search that covered 18 months, the scheelite was finally found [illegible] rock matrix by J. C. Powning [illegible] which out hunters recognized the [illegible]

of garnet rock on which he had just shot a rabbit, an incident to which the discovery claim owes its name. At this place the scheelite is embedded in the blackish garnet rock in particles somewhat larger than those commonly found in the ore bodies of the district, but it is neither so prominent nor so obviously recognizable that it would have been found had it not been the special object of search. The discovery that the scheelite occurs in the garnet rock, however, made prospecting for tungsten very simple. The blackish garnet masses on the bare hills contrast notably with the prevailing gray and reddish granite and are therefore easily recognized. They were soon staked and were then tested for tungsten, and in this way ore was found in many places. As a rule this scheelite is so inconspicuous that the largest ore body, although it crops out prominently, was at first unfavorably reported on by competent engineers, because they were unable to ascertain its trend and consequently its width and length.

The deposits, although found in 1913, remained practically unknown until the spring of 1916, when their exploitation was energetically begun. By midsummer two mills, having a total daily capacity of 400 tons, had been completed and were in active operation.

The ore consists of scheelite, garnet, epidote, quartz, and other minerals. The country rock is prevailingly granitic, but it includes isolated masses of limestone which became mineralized soon after the magma that now forms the granitic rock was intruded into them. The metallic vapors then given off from this magma altered the limestones to masses of garnet-carrying subordinate scheelite, and these altered rocks are the tungsten deposits now under exploitation. The ore bodies that are now mined are from 20 to 60 feet wide and from 150 to 260 feet long. The ore carries from 1.5 to 2 per cent of tungsten trioxide. The area in which scheelite-bearing deposits have been found forms a belt about 20 miles long, but the prospecting now going on will doubtless extend the dimensions of the field.

These deposits, like those discovered in recent years in Humboldt County, Nev., are of the contact-metamorphic class, a well-known source of copper and iron but until lately not widely recognized as a possible source of tungsten.

The report, which is entitled "Tungste Deposits of Northwestern Inyo County, Cal.," by Adolph Knopf, is issued as Bulletin 640-L, and can be had free on application to the Director, U. S. Geological Survey, Washington, D. C.

THE SARSI STUDIOS.

The Sarsi Studios, formerly on Oak Street, San Francisco, is now located at 361-363 Golden Gate Avenue, where a most comprehensive and instructive display room and studio has been installed.

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The various schools of design in mantels are displayed with appropriate setting, each mantel being in a room of its own. Here the architect and the owner can readily see the finished article as it will appear when fully installed.

The products of the Sarsi Studios will be found in many of the finer homes in California, and builders have found that a Sarsi Studio Mantel is a distinct asset for the home; often being the means of selling the home for those who build to sell.

Mr. Sarsi has devoted a life time to his art, having studied abroad in the finest schools of Europe. There at the feet of the Masters of the ages he has drawn his inspiration. His service, experience, advice and are are at the disposal of those who seek for the finest in these lines.

Examples of Mr. Sarsi's decorative experience, advice and art are at the homes and grounds of our finest residences, and restricted residence tracts. Work has just been completed on four lions which are to guard the approaches to the Modesto Bridge now nearing completion of which Leonard and Day were the engineers.

A visit to these studios is well worth the time of our architects and owners.

HIGHWAY CONSTRUCTION IN PERU.

The National Congress of Peru at its last session passed highway law having for its purpose the encouragement of road construction throughout the country. The new law distributes the cost of new construction between the local and the national governments and provides both for new revenues for this purpose and for the payment of a road tax either in money or in labor.

As a result of this legislation there has of late been apparent a great deal of activity both in Lima and in the Provinces. The need for well-paved highways connecting Lima with the suburbs and with the port of Callao is making itself felt more and more, and in his annual report for 1916 the prefect devotes considerable discussion to this project.

In January a road was completed which connects the city of Tarma, on the eastern slope of the central Andes, with the railway at Tilarnioc, near the junction of the Cerro de Pasco Railway with the Central Railway of Peru. To celebrate the opening of this highway an automobile procession was organized, and the first motor cars ever seen in these regions made the trip over the entire length of the new road in spite of the fact that the rainy season was on.

Tarma lies at the entrance to the Peruvian montana, that great undeveloped land in which the Amazon River system has its source. This territory produces some of the finest coffee in the world, is rich in timber, has great areas on which an excellent variety of agave grows wild, and can be made to produce many of the crops known to tropical and semitropical agriculture. It is expected that much of the timber needed in the mines will eventually come from this region, and that the opening of the road will effect a reduction in the prices heretofore paid for food supplies in the Peruvian highlands, where the great mining enterprises are all located. From Tarma to a point where the navigation of the Amazon is possible a well-graded trail is open, the trip on horseback requiring about 10 days and leading through one of the most interesting tropical regions open to the tourist.

Building Industries Association

A New Central Organization of Building Crafts Employers Formed.

At a mass meeting of employers engaged in the building industry in San Francisco and vicinity, held at the headquarters of the General Contractors' Association, 110 Jessie street, yesterday afternoon a new organization to be known as the "Building Industries Association of San Francisco" was formally launched.

Chas. M. Gompertz called the meeting to order, which was addressed by H. L. Stow, D. Zelinsky and A. H. Bergstrom.

The meeting was well attended and the plan of the new organization heartily endorsed.

Application blanks were rapidly signed up. A book of Constitution and By-Laws previously prepared was given everybody present.

Under the plan of the new organization the Board of Governors, of about 30, will manage the affiairs of the new association. This governing body is to be composed of delegates selected by the various crafts holding membership, provided that there be at least five members of the craft.—Each craft selects its own delegate.—One representative for each craft, no matter how large the craft may be—5 being the minimum number to entitle the craft to representation.

The objects of the Association and fees are hereby quoted from the By-Laws:

Section 1. The objects of this Association shall be to promote the organization of the entire building business into one efficient institution for the various purposes as hereinafter set forth and to maintain suitable quarters for the use of its members; to adjudicate by arbitration or otherwise all differences among members, or between members and their employees; to foster the interests of those engaged in the building industry; to promote just and equitable principles in the the conduct of their business; to discourage ruinous competition and to promote harmony and justice in their business relations; to advocate the public opening of bids; to discourage the peddling of bids; to bring about the adoption of a standard form of bid and contract; to encourage mutual trading among members of the different crafts belonging to the Association; to discourage unfair and restrictive combinations, and finally to make a membership in this Association a guarantee of honesty, fairness and reliability.

Fees and Dues.

Section 1. The admission fee to this Association shall be $10.00 for a period of 90 days from the date of incorporation and $25.00 thereafter.

Sec. 2. The monthly dues of each member of this Association shall be $2.50 per month payable in advance. Where a co-partnership exists consisting of two or more persons, a membership in this Association shall entitle two members of such a co-partnership to the privileges of the Association. Where a corporation exists, a membership in this Association shall entitle one official and one representative of such corporation to the privileges of the Association. Individuals, co-partnerships, and corporations desiring extra representatives shall pay the sum of $1.00 per month for each extra representative.

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Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house and stores, 1 story and base, reinforced concrete, $30,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owners, J. B. Nuttman and W. J. Dowling. Location, east Valencia north 14th, covering an area of 65 by 141 feet. Will contain three stores and a total of 30 apartments. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Apartment house, 2 story and base, brick, $50,000. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Damir Bros. and Chicago Furniture Co. Location, west J street between Kern and Inyo, covering an area of 66 by 125 feet. Will contain a store on the first floor and a number of two-room apartments above. Plans are being prepared.

SAN FRANCISCO—Apartment house, 5 story and base. Class C construction, $70,000. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Nightengale Estate. Location, Haight and Webster streets, covering an area of 65 by 110 feet. This is the first unit of a group of apartment houses to be erected on Haight street costing about $500,000.

NORTH YAKIMA, WASH. — Apartment house, 3 story and base, brick, $60,000. Architects, Charles H. Bebb and Carl Gould, Denny Bldg., Seattle. Owner, H. L. Calahan. Will cover an area of 100 by 130 feet. Stores on first floor. Plans are being prepared.

EVERETT, WASH. — Apartment house, 5 story and base, reinforced concrete, $150,000. Architect, A. B. Pracba, Post-Intelligencer Bldg., Seattle, and Warren W. Hastings, Everett. Owner, W. P. Bell. Location, Wall and Wetmore streets, covering an area of 120 by 125 feet. Will contain both single rooms and apartments of two and three rooms. Plans are being prepared.

SEATTLE, WASH. — Apartment house, 4 story and base, brick, $70,000. Architect, Warren M. Miller, Haight Bldg., Seattle. Owners, P. D. Ehle & Sons. Location, Boylston and Olive avenues, covering an area of 68 by 100 feet. Plans are complete and figures being taken.

Contract Awarded.

LOS ANGELES, CAL. — Apartment house, 3 story and base, brick, $40,000. Architects, Tifal Bros., South Park avenue, L. A. Owner, Henry Heilman. Contractor, Tifal Bros., South Park avenue, L. A. Contract price, $40,000.

SEATTLE, WASH.—Apartment house, 6 story and base, brick, $100,000. Architect, W. P. White, Northern Bank Bldg., Seattle. Owners, Seneca Improvement Co. Contractor, Fred Hallett, Seattle. Contract price, $100,000.

SEATTLE, WASH. — Apartment house, 3 story and base, brick, $85,000. Architect, none. Owner, H. E. Hudson, 7619 Aurora avenue, Seattle. Contractors, Hudson Bros., 7619 Aurora avenue, Seattle. Contract price, $85,000.

BANKS

OXNARD, VENTURA CO., CAL.—Bank and offices, 2 story and base. Class A construction, $75,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, First National Bank. Location, A and 5th streets. Will contain the bank and offices. Plans are being prepared.

ORLAND, GLENN CO., CAL.—Bank addition, 1 story, brick. Cost not stated. Architect's name not given. Owners, Bank of Orland. Location, Fifth and Orland streets, covering an area of 60 by 35 feet. Plans are being prepared.

BONDS.

REDDING, SHASTA CO., CAL.—The Supervisors have approved of the formation of the Inwood district, which will construct several miles of road in Shasta County. Funds will be raised by a bond issue.

LOS ANGELES, CAL.—At the request of the Board of Library Commissioners, the City Council will call an election June 5, 1917, to vote on the question of issuing bonds in the sum of $3,000,000 for a new public library building to be erected at Fifth and Olive streets. The question of issuing bonds in the sum of $5,000,000 for the erection of new school buildings will probably be voted upon at the same time.

FLAGSTAFF, ARIZ.—Bids will be received up to April 16th by the Board of Trustees for the purchase of $60,000 in sewer bonds. C. M. Brooks is City Engineer.

RIO VISTA, SOLANO CO., CAL.—The Rio Vista grammar school bond election has been postponed. The election was to be held March 28th. A defect in the law governing the issuance of bonds in a district situated in two counties has held up the election.

SAN DIEGO, SAN DIEGO CO., CAL.—Bids are being received up to April 16th by the City Council for the purchase of the $682,200 Lower Otay bonds. The bonds were issued for the purpose of rebuilding the Lower Otay dam.

PITTSBURG, CONTRA COSTA CO., CAL.—The Town Board has decided to call an election to vote bonds of $55,000 for the improvement of Railroad avenue and for a new Town Hall.

VICTORVILLE, SAN BERNARDINO CO., CAL.—A new bond election has been called by the school board for April 14th to vote bonds in the sum of $15,000 for the erection of a grammar school building. The bonds carried at the previous election but the proceedings were illegal.

SANTA BARBARA, SANTA BARA CO., CAL.—A bond election for $85,000 will be called within a few days. The money will be used for sewer construction work.

SANTA BARBARA, SANTA BARBARA CO., CAL. — The School Board has asked that a high school bond election for $250,000 be called. Architect J. J. Donovan of Oakland is preparing the plans for a group of buildings. Definite details have not been determined, but the buildings will be of brick construction and exterior finish.

BRIDGES AND DAMS.

SANTA ROSA, SONOMA CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, Chief Engineer, Northwestern Pacific Co., Phelan Bldg., S. F. Owners, Northwestern Pacific Railroad Co. Announcement is made here that the Northwestern Pacific Railroad will construct a new 600-foot bridge across the Russian River at Duncans Mill. The structure will be of the deck girder type. Steel is now on the site but construction will not be started for sometime. Bids will probably be called for on the concrete work and steel erection.

SANTA CRUZ, SANTA CRUZ CO., CAL.—River improvements. Cost not stated. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. The Santa Cruz County Supervisors have passed a resolution declaring their intention to form a protection district for the improvement and rectification of the channels and streams and water courses for the prevention of the overflow thereof, by widening, deepening and straightening and otherwise improving the same. It is the intention of the Board of Supervisors to make the following improvement: That a dirt levee or embankment be constructed along and near the bank of the Salsipuedes Creek and the Pajaro River in the said district to restrain the flood waters and protect the land in said district and the city of Watsonville from overflow, and also that all necessary underground pipes and conduits be constructed in and through said levee or embankment to carry the surface flood water in said district through the said levee or embankment to the said Pajaro River. H. H. Miller is County Clerk and from whom further information may be had.

CHURCHES.

VISALIA, TULARE CO., CAL. — Church, 1 and 2 story and base, brick, $20,000. Architect, J. J. Rankin, Visalia. Owners, Congregational Church. Will contain main auditorium, Sunday school rooms and social hall. Plans are being prepared.

LOS ANGELES, CAL. — Church, 1 story and base, brick, $25,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Church. Location, West Washington near 7th avenue. Auditorium will seat 600 per-

ple Sunday school room and social hall. Plans are being prepared.

Contract Awarded.

MERCED, MERCED CO., CAL.—Church, 1 and 2 story and base, concrete and frame, $12,000. Architects, Shea & Lofquist, Parkers' Investment Bldg., S. F. Owners, La Merced de Dios Parish. Contractor, James L. McLaughlin, 211 Kearny street, S. F. Contract price, $19,500.

FACTORIES AND WAREHOUSES.

OAKLAND, CAL.—Factory, 1 story, brick, $12,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, Jules Abrahamson. Location, east Broadway between 26th and 28th streets, covering an area of 50 by 200 feet. Plans are being prepared.

SELAM, FRESNO CO., CAL.—Cannery addition, 1 and 2 story, brick. Cost not stated. Architect, none. Owners, Libby, McNeil & Libby Co., S. F. About 40,000 square feet of floor space will be added, concrete floors laid, sewer connections installed, etc. About 50,000 square feet of roof will be necessary.

MANTECA, SAN JOAQUIN CO., CAL.—Cottages, etc. Cost as follows. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Spreckels Sugar Co. J. A. Plecarpo, care of the architect, presented one of the lowest bids at $20,505, and will be awarded the contract. Following is a complete list of the bids received: E. W. Book, $24,605; Lamont & McDonald, $25,877; J. F. Shepperd, $22,897; G. N. Haws, $23,975; V. Grey, $20,423; J. A. Plecarpo, $20,505; Dan Baysinger, $23,997; F. K. Cheek, $23,270.

SEATTLE, WASH.—Grain elevator addition, reinforced concrete, $90,000. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Bids are being received by the Port of Seattle Commission for the construction of an addition to the public grain elevator which is estimated to cost $90,000. Bids close April 4th. Plans may be had from the Commission, Bell Street Dock, Seattle.

Contract Awarded.

SELAH, WASH.—Cold storage plant, 3 story and base, reinforced concrete, $50,000. Architect, J. C. Corbin, American Bank Bldg., Seattle. Owners, Selah Fruit and Cold Storage Co. Contractors, Scenic Construction Co., Downs Block, Seattle. Contract price, $50,000.

MT. VERNON, WASH.—Condensary, 1 and 2 story and base, hollow tile, $150,000. Engineer, P. W. Schubert, Railway Exchange Bldg., Seattle. Owners, Dominion Commercial Co. Contractors, Finne & Gjarde, Northern Bank Bldg., Seattle. Contract price, $150,000.

FRESNO, FRESNO CO., CAL.—Packing plant, 4 story and base, reinforced concrete, $200,000. Architect, Eugene Mathewson, Cory Bldg., Fresno. Owners, Universal Packing Co. Contractors, Trewhitt & Shields, Fresno. Contract price, $200,000.

EMERYVILLE, ALAMEDA CO., CAL.—Factory, 1 and 2 story, steel, brick and concrete, $80,000. Architect, Hiram K. Lovell, Monadnock Bldg., S. F. Owners, Air Reduction Co. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $80,000.

FIRE HOUSES AND JAILS

SACRAMENTO, CAL. — Jail alterations, $2,167. Architect's name not given. Owners, Sacramento County, Siller Bros., 1614 13th street, Sacramento, presented the lowest bid for this work and will be awarded the contract.

RICHMOND, CONTRA COSTA CO., CAL.—Fire house, 1 story, brick, $5,000. Architect, James T. Narbett, 9th and Macdonald avenues, Richmond. Owners, City of Richmond. Location, Pullman Tract. Will contain apparatus room and living apartments. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Firehouse, 2 story and base. Class C construction, $15,000. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, City of Fresno. Location, Van Ness avenue near Mono, covering an area of 38 by 100 feet. Plans are complete and figures being taken.

FLATS.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $5.000 each. Architect, none. Owners, Johnson & Johnson, 844 14th street, S. F. Location, west 25th avenue north Clement. Each building will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats and store, 1 story, frame, $2500. Architect, G. A. Applegarth, Claus Spreckels Bldg., S. F. Owners C. S. and A. Morbio. Location, north Ocean avenue west Miramar. Will contain store and living rooms. Plans complete and figures being taken.

GARAGES.

SAN FRANCISCO—Garage and machine shop, 1 story and base. Class C, $10,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, north Pine west Polk, covering an area of 25 by 120 feet. Plans are being prepared.

SAN FRANCISCO—Garage and machine shop, 1 story and base. Class C construction, $13,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, south Pine east Polk, covering an area of 25 by 120 feet. Plans complete and figures being taken.

OAKLAND, CAL.—Garage, 2 story and base, brick, $8,000. Architects, Richardson & Burrell, Albany Bldg., Oakland. Owner, G. W. Burroughs. Location, Brook and Orchard streets. Plans are complete and owner is taking segregated figures.

RICHMOND, CONTRA COSTA CO., CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, J. B. Ogborn, 821 Bissell street, Richmond. Owners, Richmond Garage Co. Location, Seventh and Chanslor streets. Plans complete and figures being taken.

PASADENA, LOS ANGELES CO., CAL.—Garage and auto sales rooms, 2 story and base, brick. Cost not stated. Architect, Louis Du P. Miller, St. Louis Bldg., Pasadena. Owners, Eason Realty Co. Location, Delacey and Colorado streets, covering an area of 110 by 50 feet. Plans are bein gprepared.

Contract Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Garage, 1 story and base, brick, $5,500. Architect, James T. Narbett, 9th and Macdonald avenue, Richmond. Owner, Valentine Luba. Contractor, Mathew Morton, Builders' Exchange, Bldg., Richmond.

GOVERNMENT WORK & SUPPLIES.

Building Material.

The following awards have been made by the quartermaster general for furnishing building material under opening of January 26 for Schofield Barracks, H. T.:

Item 1. Rough Douglas fir $40,538.53, Bloedel-Donovan Lumber Mills, Seattle, Wash.

2. Dressed Douglas fir, $69,278, do.

3. Rough redwood, $2,089, Redwood Mfg. Co., San Francisco, Cal..

4. Dressed redwood, $598, do.

5. Cedar shingles, $105.730, Bloedel-Donovan Lumber Mills, Seattle, Wash.

6. Portland cement, $144,265, Henry Cowell Lime & Cement Co., San Francisco, Cal.

7. Metal lath, 25.54c, General Fireproofing Co., Youngstown, O., on No. 27 Ga. BB. herringbone.

8. Reinforcing steel, $40,760, Southern California Iron and Steel Co., San Francisco, Cal.

9. Galvanized sheets, U. S. Steel Products Co., New York city, $48,387.91.

10. Iron work for trusses, $1,137, Pacific Rolling Mill Co.

11. Plumbing material, $18,092, Crane Co., San Francisco, Cal.

12. Painting material, $20.919.05, H. Hackfeld Co., San Francisco, Cal.

13. Roofing material, $6,490, Theo. H. Davis & Co., San Francisco, Cal.

14. Cold storage doors, $3.121, Ward Refrigerator and Mfg. Co., Los Angeles, Cal.

14. Cork board only, Armstrong Cork and Iron Co., Pittsburgh, Pa., $2,145.

15. Terra cotta chimney flues, $737.72, Steiger Terra Cotta & Pottery Works, San Francisco, Cal.

16. Miscellaneous materials for all of item 16 except asbestos, escutcheon pins and tacks, $7,769.86, Holbrook, Merrill & Stetson, San Francisco, Cal.

16. Asbestos sheets only, $92, H. W. Johns-Manville Co., New York city.

San Francisco, Cal., Elevator.

The contract for making repairs to hydraulic passenger elevator in the U. S. appraisers stores, San Francisco, Cal., has been awarded to the Otis Elevator Co., San Francisco, Cal., at $837.-50.

Flathead, Mont., Excavation.

The U. S. reclamation service is asking for proposals for the construction of laterals on the Flathead irrigation project, Mont., involving about 285,000 cubic yards of excavation. The work is in two divisions, one located from 18 to 25 miles north of Perma, Mont., and the other from 9 to 15 miles northeast of Dixon, Mont., both towns being stations on the Northern Pacific Railway. Bids will be opened at the office of the U. S. Reclamation Service, St. Ignatius, Puget Sound, Wash.:

Puget Sound, Wash., Heating and Power Plant.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., March 19 for heating and power plant at the naval torpedo station, Puget oSund, Wash.:

Item 1, price for heating plant complete. 2 do, as outlined under item 2 of the specifications. 3, heating plant complete as under item 1 but with bidder's modifications. 4, do, as contemplated under item 2 with bidder's modifications. 5, increase or decrease in price for item 1 for furnishing a radio brick chimney in lieu of concrete chimney; 6, increase or decrease under item 2 for furnishing boilers described in paragraph 60½ of the specification; 7, inerase or decrease under item 2 for furnishing and installing heat insulation as described in paragraph 91 of the specification.

Chas. C. Moore & Co., Sheldon Building, San Francisco, Cal., item 1, $28,-171, 330 days; 3, $27,898, 330 days; 5, add 372.

John W. Danforth & Co., 72 Ellicott street, Buffalo, N. Y., item 1, $28,747, 270 days; 2, $34,131, 170 days; 5, add $312; 7, add $820, time 270 days.

Booker, Keihl & Whipple, 507 Central Building, Seattle, Wash., item 3, $24,115, 360 days; 4, $31,061, 360 days; 5, add $300; 7, add $624.

A. D. Granger & Co., 90 West street, New York city, item 1, $49,035, 270 days; 2, $66,650, 300 days; 3, $50,000, 275 days; 4, $67,650, 300 days; 5, $500 additional, 275 days; 6, deduct $1,000, 300 days; 7, add $2,500, 325 days.

Carroll Electric Co., Washington, D. C., item 1, $30,400, 275 days; 2, $35,-500, 300 days; 3, $25,900, 250 days; 4, $34,000; 275 days; 7, add $1,000.

Ellensburg, Wash., Vault Shelving.

The contract for installing metal vault shelving in the U. S. post office, Ellensburg, Wash., has been awarded to the H. H. Shults Mfg. Co., Gowanda, N. Y., at $225.

Navy Yards, Cranes.

Under bids opened March 19 at the bureau of yards and docks, Navy Department, Washington, D. C., for furnishing cranes at the navy yards, Norfolk, Philadelphia and Puget Sound, the contract has been awarded to the Niles-Bement-Pond Co., of New York city, for items 1, 4, and 5, being the cranes required at Philadelphit for the total sum of $119,202.55. The government has reserved the right of awarding the cranes for Norfolk and Puget cranes required at Philadelphia for the same basis as those for Philiadelphia.

Summerland, Cal., Steel.

The contract for furnishing 40,000 lbs of structural steel for the U. S. Department of Agriculture, Summerland, Cal., has been awarded to the Llewellyn Iron Works, Los Angeles, Cal., at $2,367.50.

Mare Island, Building.

The contract for the construction of a steel frame building at the navy yard, Mare Island, Cal., has been awarded to L. G. Bergren & Son, of San Francisco, Cal., at $98,472.

San Diego, Cal., Dolphins, Etc.

The following bids were received March 19, by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for repairs and additions to the fender piling and dolphines at the coaling wharf, U. S. Naval Coal Depot, San Diego, Cal.:

Item 1, work complete; 2, deduct from item 1 for each linear foot of cable now in place to be used in new work; 3, deduct from item 1 for each pound of bolts, staples and strap bands now in place to be used in new work.

Holland Construction Co., 210 Granger Building, San Diego, Cal., item 1, $5,857, 90 days. 2, 14c per foot. 3, 5c per pound.

Spreckles Bros., Commercial Co., San Diego, Cal., item 1, $7,586, 50 days; 2, 10c; 3, 4c.

Chas. Steffgen, San Diego, Cal, item 1, $6,797, 60 days; 2, 15c; 3, 5.5c for bolts, 10c for staples, and 8c for strap bands.

Fred W. Steffgen, San Diego, Cal., item 1, $7,987, 70 days.

Mercereau Bridge and Construction Co., 471 Pacific Electric Co. Building, Los Angeles, Cal., item 1, $8,581.

Contract Awarded.

The following awards have been made by the quartermaster general for furnishing building material under opening of January 26, for Schofield Barracks, H. T.:

Item 1. Rough Douglas fir, $40,538,-53, Bloedel-Donovan Lumber Mills, Seattle, Wash.

2. Dressed Douglas fir, $69,278, do.

3. Rough redwood, $2,089, Redwood Mfg. Co., San Francisco, Cal.

4. Dressed redwood, $598, do.

5. Cedar shingles, $105,730, Bloedel-Donovan Lumber Mills, Seattle, Wash.

6. Portland cement, $144,265, Henry Cowell iLme and Cement Co., San Francisco, Cal.

7. Metal lath, 25.54c, General Fireproofing Co., Youngstown O., on No. 27 Ga. BB, herringbone.

8. Reinforcing steel, $40,760, Southern California Iron and Steel Co., San Francisco, Cal.

9. Galvanized sheets. U. S. Steel Products Co., New York City, $48,387.-91.

10. Iron work for trusses, $1,137, Pacific Rolling Mill Co.

11. Plumbing material, $18,092, Crane Co., San Francisco, Cal.

12. Painting material, $20,919.05, H. Hackfeld Co., San Francisco, Cal.

13. Roofing material, $6,490, Theo. H. Davis & Co., San Francisco, Cal.

14. Cold storage doors, $3,121, Ward Refrigerator and Mfg. Co., Los Angeles, Cal.

14. Cork board only, Armstrong Cork and Iron Co., Pittsburgh, Pa., $2.-145.

15. Terra Cotta chimney flues, $737.-72, Steiger Terra Cotta and Pottery Works, San Francisco, Cal.

16. Miscellaneous materials for all of item 16 except asbestos, escutcheon pins and tacks, $7,769.86, Holbrook, Merrill & Stetson, San Francisco Cal.

16. Asbestos sheets only, $92, H. W. Johns-Manville Co., New York City.

HALLS AND SOCIETY BUILDINGS.

Contract Awarded.

PASADENA, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick, $50,000. Architect, Cyril Ben- [illegible] price, $50,000.

HOSPITALS

[illegible] CAL.—Hospital addition, [illegible] Construction. $[illegible] Architects E. M. Cooper and W. [illegible] Los Angeles Stock Exchange Bldg., L. A. [illegible] Hospital Association. The addition will be in the form of a [illegible] [illegible] area of [illegible] by [illegible] feet. Plans are being prepared.

LOS ANGELES, CAL.—Hospital, 3 story, brick or hollow tile, $75,000. Architect E. H. Gentry, [illegible] Bldg. L. A. Owners, Independent Order of Foresters. Will be [illegible] for [illegible] building and two two-story wards. Plans are being prepared.

HOTELS.

SAN DIEGO, SAN DIEGO CO., CAL.—Hotel alterations and additions, 4 story and base. Class A construction. $70,000. Architect, Eugene M. Hoffman, Spreckels Bldg., San Diego. Owners, Becker Bros. Location, 1048 4th street. The new addition will contain 60 rooms and baths. Plans are being prepared.

IRRIGATION PROJECTS.

The Southern California Edison Company of Los Angeles has applied to the State Water Commission for permission to appropriate 600 cubic feet per second of the waters of the North Fork of the Kern River and of Salmon Creek in Tulare County for the generation of electric energy. The application sets forth that on September 6th, 1901, the California Power Company appropriated waters of Kern River for power purposes by posting notices of appropriation, and on January 27, 1902, appropriated waters of Salmon Creek by like method, as was the law at that time; that applicant has since become vested with all the rights acquired by the California Power Company. The application then specified the work done since the making of the original appropriations, the amount expended being given at $881,-704.05. The estimated cost of completing the project, exclusive of transmission line, is given as $4,118,295.45.

The name of the works is Kern River Plant No. 3, and the following is a partial description given in the application: Diversion dam 60 feet high, 240 feet long an top and 200 feet at bottom, the top of the dam being 13 feet above the ordinary water surface. The construction is to be of concrete with headgates in steel guides. The conduit is 13.4 miles long. Under the heading of "Canal System" the application states that for 1,000 feet there is an open canal with concrete sidewalls with appliances for drawing off the sand from the water. At the [illegible] end of the said [illegible] tunnel system commences running to the fore-bay, except in certain places where a reinforced concrete flume will be used. All tunnels are to be lined with concrete on bottom and sides. At 11.9 miles below dam, the tunnel crosses a gulch with a [illegible] feet in diameter. From the [illegible]

to the power house. The water will be conducted in two [illegible] penstocks 7 feet in diameter at upper end and 5 feet at lower end. It is proposed to develop the power by two hydraulic turbines, direct connected to alternating current electric generators with a total capacity of [illegible] K. W. The total fall to be utilized is 800 feet between the forebay and the tail race, and the amount of power to be developed is given as [illegible] theoretical horsepower. The power house is to be of concrete. The application states that the proposed plant is to supplement the present plant of the company to meet the increasing demand for light and power, and that asks until July 1, 1922 to complete construction.

The Cardiff Irrigation District of Cardiff, San Diego County: One cubic foot average flow of Escondido Creek at Olivenhain for domestic and irrigation use. The water proposed to be appropriated is to be obtained from three wells 8 inches in diameter and from 58 to 61 feet deep. To convey the water there is proposed 22,418 feet of 12-inch pipe and 3,619 feet of 8-inch pipe. The application states that the wells are already completed and the other work will be completed by January 1, 1918. The estimated cost is given as $84,200.

The Blevino-Mallou Ditch Co., of Colusa, has applied for permission to appropriate 160 cubic feet per second of the waters of the Sacramento River for the irrigation of 4500 acres of land in the country. The diversion as proposed is to be at the northeast corner of the Clara Packard ranch. The application specifies a pumping plant of three units consisting of one 36-inch and two 18-inch centrifugal pumps driven by motors. The average lift is 17 feet, and the water is to be discharged into a concrete basin at the head of the main canal, which is to be 12½ miles in length. The estimated cost is given as $80,000.

The city of Los Angeles has filed three more applications asking for permission to appropriate waters at three different points for the purpose of generating electric power for the general power project outlined by that city. There are several other applications before the Commission for the same municipal enterprise of the southern city. Fifty-six cubic feet per second is asked on Rock Creek, tributary to Owens River in Inyo County. The only data given on this application is that there is proposed a canal six miles long. It is to be known as the Rock Creek Project.

Permision is also asked to appropriate 10 cubic feet per second of the waters of Sawmill Creek, also tributary to the Owens River. This is to be known as the Sawmill and Division Creek Project. Nineteen cubic feet per second is asked from the waters of Baker Creek, tributary to the Owens River, to be known as the Baker Creek Project. The submission of complete data will be required before the applications can be acted upon by the Commission.

Jas. R. McGinty of Davis Creek, Modoc County, has filed an application for permission to appropriate 252 acre feet per annum of the waters of Mud Creek drainage area in that country for irrigation purposes. The proposed work consists of an earth dam 15 feet high and 119 feet long and a main ditch about 4 miles in length, for the irrigation of 139 acres.

MERCED, MERCED CO., CAL.—Irrigation system, $100,000. Engineer's name not given. Owners, Atwater Irrigation District. Shattuck & Edinger, Underwood Bldg., S. F., will start work shortly on the construction of irrigation systems in the Atwater and Livingston Districts. The contracts amount to about $100,000, and have been held in abeyance for several months. Legal technicalities have been cleared up by a court decision.

EL CENTRO, IMPERIAL CO., CAL.—Irrigation. Cost as follows. Engineer's name not given. The $10,000,000 irrigation project headed by Col. W. H. Holabird, F. H. Merrill, O. E. Freeman and W. B. Baker, all of Los Angeles, proposes to utilize 109,000 acre feet of Whitewater River and streams tributary to Baldwin Lake, for irrigating 20,000 acres in the Coachella Valley and 40,000 acres in the northwest section of the Imperial Valley, in addition to furnishing a domestic water suply to Imperial Valley. The plans comprise the construction of a cement-lined open conduit 165 miles in length. Power plants to develop 80,000 H. P. are to be located, one at the south end of Morongo Valley and the other at Palm Springs.

RAILROAD CONSTRUCTION AND EQUIPMENT

PORTERVILLE, TULARE CO., CAL.—Railroad construction. Cost not stated. Enginer's name not given. Definite announcements have been made that the Porterville Northeastern Railroad will extend its lines from north of the Abode Station to serve two granite quarries and a number of orange groves to the east of Porterville. In connection with these plans it is also stated that surveys are being made for building another spur to the base of Magnesite Hill to serve the many new mines in that section. Appropriations have been made by the higher officials, rights of way secured and surveys completed for the branch line to the granite properties, and work will be started as soon as the necessary materials can be assembled.

FRESNO, FRESNO CO., CAL.—Round house, 1 and 2 story, brick or concrete, $200,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Only preliminary sketches have been made and further mention will be made of this work.

Contract Awarded.

VISALIA, TULARE CO., CAL.—Railroad extension. Cost not stated. Engineer's name not stated. Owners, Visalia Electric R. R. Co. Contractor, Mayor Oscar Ford, Riverside. Contract covers six miles of extension. Cost not stated.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story, attic and base, brick and frame, $30,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, George D. Cooper. Location, north Pacific east Steiner. Will contain fourteen rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, $3,000 each. Architect, none. Owners, Anderson & Johnson, 47-A Landers street, S. F. Location, east 15th avenue south Balboa. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $4,000. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owner, Margaret J. Koenig. Location, east 13th avenue north Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 3, 2 story and base, frame and brick veneer, $14,000 each. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Theodore A. Rulfs Building Co. Location, St. Francis Wood. Each house will contain eleven rooms, three baths and social room in basement. Separate garages. Plans are being prepared. Segregated figures will be taken.

SAN FRANCISCO — Residence, 1½ story and base, frame, $2,500. Architect, none. Owner, John E. McCarthy, 1340 13th avenue, S. F. Location, east San Gabriel south Capistrano. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, $9,000. Architect, Louis Mastropasqua, 580 Washington street, S. F. Owner's name withheld. Location, Richmond District. Will contain eight rooms, two baths and basement garage. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base frame, $3,000. Architect, Louis Mastropasqua, 580 Washington street, S. F. Owner's name not given. Location, east Carr south Parr. Will contain six rooms and bath. Plans complete and figures being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $4,500. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, C. G. Gillespie. Location, Northbrae. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

OAKLAND, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, P. S. Walsh, 495 Rich street, Oakland. Location, north Rich street west Webster. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 6, 1 story and base, frame, $2,250 each. Architect, Noble Newsom, San Rafael and Contra Costa avenues. Owner, Noble Newsom, San Rafael and Contra Costa avenues, Oakland. Location, Thousand Oaks Park. Each house will contain six rooms and bath. Separate garage. Plans complete and segregated contracts being awarded.

OAKLAND, CAL.—Residence 1 story and base, frame, $2,500. Architect, none. Owner, J. S. Mendenhall, 5025 Ygnacio avenue Oakland. Location, east 50th avenue south Ygnacio avenue. Will contain five rooms, bath and sleeping porch. Plans complete

and work to be done by Day Labor

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, $3,000. Architect, none. Owner, C. M. Blabon, 3424 Channing Way, Berkeley. Location, 272 Wildewood avenue. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO. CAL.—Fraternity house, 2 story and base, frame and brick, $30,000. Architects, F. Holberg Reimers and E. G. Bangs, Acheson Bldg., Berkeley. Owners, Sigma Nu. Location, Le Conte and Le Roy avenues. Will contain sixteen rooms and several baths. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $3,500. Architect, Chester H. Miller, First Savings Bank Bldg., Oakland. Owner, Mrs. Arthur Proctor. Location, Piedmont. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKVILLE, NAPA CO., CAL.—Residence, 2 story and base, frame and concrete, $100,000. Architect, Charles Peter Weeks, Phelan Bldg., S. F. Owner's name not given. Will contain fourteen rooms, three baths and conservatory. Separate garage and other buildings. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. F. Brooks. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans are being revised.

BENICIA, SOLANO CO., Cal.—Residences, 12, 1 story and base, frame. Cost not stated. Architect, none. Owner, D. A. Fowler, Richmond. Location, north East H street between 5th and 6th avenue. Each house will contain three rooms, bath and sleeping porch. Plans are complete and work will be done by Day Labor.

SANTA ROSA, SONOMA CO., CAL.—Residence, 2 story and base, frame, $4,000. Architect, none. Owner, L. W. Spaulding Santa Rosa. Location, 1414 4th street. Will contain eight rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $2,000. Architect, none. Owner, G. A. Walley, 135 Diana street. Fresno. Location, Arlington Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, $17,000. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owner, Mrs. G. W. Mills. Location, Yardley avenue near M street. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans complete and figures being taken.

MENLO PARK, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, $10,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Morris. Will contain ten rooms and three baths. Separate garage. Plans complete and figures to be taken at once.

PASADENA, LOS ANGELES CO., CAL.—Residence, 3 story and base, hollaw tile, $200,000, Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owner, E. J. Marshall. Location, South Grand avenue. Will contain thirty rooms and eight baths. Several out buildings are included. Plans complete and figures being taken.

BEVERLY HILLS, LOS ANGELES CO., CAL.—Residence, 2 story and base, brick and frame. Cost not stated. Architect, Frank L. Meline, 6778 Hollywood avenue, L. A. Owner, Mr. Weir. Location, Lexington, avenue west Beverly Hills road. Will contain fifteen rooms, five baths and separate garage. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL.—Residence, 2 story and base, hollow tile. Cost not stated. Architect, Frank L. Meline, 6778 Hollywood avenue, L. A. Owner's name withheld. Location Windsor Boulevard. Will contain sixteen rooms and five baths. Separate garage and conservatory. Plans are being prepared.

OAK KNOLL, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame and hollow tile. Cost not stated. Architect, G. Lawrence Stimson Co., 1211 Avoca street, Pasadena. Owner, H. R. Lyon. Location, Hillcrest avenue. Will contain fourteen rooms and three baths. Separate garage. Plans complete and work to be done by Day Labor

PORTLAND, ORE. — Residence, 3 story and base, reinforced concrete, $100,000. Architect, A. E. Doyle Worcester Bldg., Portland. Owner, F. J. Cobb. Location Portland Heights. Will contain twenty rooms, six baths and conservatory. Plans are complete and figures being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, $8,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, Mrs. T. Regensburger. Location, Broderick street. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

SAN FRANCISCO—Residence, 1 story and base, frame, $5,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Mr. Ash. Location, Claremont Court. Will contain six rooms, bath and basement garage. Plans complete and figugres being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, $3,000. Architect, none. Owners, Oscar Heyman & Bro., 749 Market street, S. F. Location, west 6th avenue south Geary. Will contain six rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 6, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. K. Larsen, 1415 27th avenue, Oakland. Location, east 27th avenue north East 14th St. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Charles E. J. Rogers, Phelan Bldg., S. F. Owner, John Larson. Location, 1132 Broadway. Will contain seven rooms, bath [illegible] sleeping porch Separate garage [illegible] complete and work to be done by Day Labor

[illegible]LAND, CAL.—Residence, 2 story and base, frame, $[illegible],000. Architect, [illegible] Owner, E. L. Higgins, 4750 Miles [illegible] Oakland. Location east Wa[illegible] north Lake Shore. Will contain seven rooms, bath and sleeping porch Separate garage. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,600. Architect, none. Owner, W. H. Conn, 152 South 5th street, Richmond. Location, 19th street near Virginia. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,600. Architect, none. Owner, W. E. Anderson, 441 13th street, Richmond. Location, Barrett avenue near 6th street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, J. B. Ogborn, 821 Bissell street, Richmond. Owner, H. W. Clear. Location, 17th street south Macdonald. Will contain seven rooms, bath and sleeping porch. Plans complete and figures being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, J. B. Ogborn, 821 Bissell street, Richmond. Owner, L. D. Spencer. Location, Burg Tract. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $16,000. Architect, Henry F. Starbuck, Rowell Bldg., Fresno. Owner, Wylie M. Giffen. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans are complete and construction has been started.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base frame, $4,000. Architect, none. Owner, K. C. Buwaldo, 901 Mono street, Fresno. Location, Iowa Addition. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, W. P. Wright, 4818 48th street, Sacramento. Location, 4818 48th street. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

Contract Awarded.

REDWOOD CITY, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $7,785. Architect's name not given. Owner, Henry Martens. Contractor, Ludwig B. G. Koenig, 3525 19th street, S. F. Contract price, $7,785.

SCHOOLS.

RICHMOND, CONTRA COSTA CO., CAL.—School alterations, $2,500. Architect, James T. Narbett, 9th and Macdonald avenue, Richmond. Owners, [illegible] Richmond. This work will consist of building new sanitary building and alterations to the present plumbing. Plans are being prepared.

SUTTER CITY, SUTTER CO., CAL.—School addition, 1 story, frame, $9,000. Architect, Chester Cole, Waterland Bldg., Chico. Owners, Sutter Union High School. The building will be used as a gymnasium and auditorium. Plans are complete and figures will be called for shortly.

OROVILLE, BUTTE CO., CAL.—School, 2 story and base, brick and hollow tile, $80,000. Architects, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Oroville Union High School. Will contain 18 class rooms and auditorium. Preliminary plans are being prepared.

LARKIN SCHOOL DISTRICT, GLENN CO., CAL.—School, 1 story, frame. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Larkin School District. Will contain four class rooms and an assembly hall. Plans complete and bids to be opened on April 10th.

HEALDSBURG, SONOMA CO., CAL.—School, 2 story and base. Class C construction, $40,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Healdsburg School District. Will contain ten rooms and an auditorium. Plans are being prepared.

ABERDEEN, WASH.—School, 2 story and base, brick and tile, $50,000. Architect, C. E. Troutman, Aberdeen. Owners, School District No. 5. Beside the usual class rooms and auditorimu the building will contain departments for manual training and domestic science. Plans complete and bids to be opened on April 28th.

SEATTLE, WASH.—School, 1 story, brick, $35,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, Fauntleroy School District. Will contain six rooms and an assembly hall. Plans complete and figures being taken.

SEATTLE, WASH.—School, 3 story and base, brick, $90,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, Latoma School District. Will cover an area of 44 by 200 feet. Plans are complete and bids will be called for shortly.

Contract Awarded.

BAKERSFIELD, KERN CO., CAL.—School and school alterations, brick and concrete. Cost as follows. Architects, Orville L. Clarke, Bakersfield, and Thomas B. Wiseman, Bakersfield. Owners, City of Bakersfield. Currie & Dulgar, Bakersfield, have been awarded the contract for the construction of the two new one-story, four-room, brick schools, also for the construction of an addition and making alterations to the Washington School. For the two new school buildings they bid $44,870, and for alterations and addition to the Washington School the bid was $39,550.

SEWERS, STREET WORK & WATER SYSTEMS.

OAKLAND, CAL.—Grading, etc. Cost not stated. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on April 9th at 5 p. m. for the building of a pergola, grading, cement approaches and foundation for unit No. 3 at the Lakeview Annex situated at Perry and Van Buren streets.

FRESNO, FRESNO CO., CAL.—Sewer construction, $30,000. Engineer, City Engineer, Fresno. Owners, City of Fresno. City Engineer C. C. Valkenburgh has completed plans and specifications for the construction of sewers in 64 blocks of the Arlington Heights and Fresno Heights Districts, Nos 1 and 2. The plans will be considered at the next meeting of the City Trustees. According to the plans, 30,000 feet of 6-inch and 8,000 feet of 8-inch sewer pipe will be required.

EUREKA, HUMBOLDT CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Eureka. Owners, City of Eureka. Bids will be opened on April 6th at 5 p. m. for street improvements authorized under the following resolution: That all of Buhne street, from Fairfield to O street, be graded; and that all of Garland street, from Buhne street to the north terminus of Garland street, be graded.

STOCKTON, SAN JOAQUIN CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council has adopted plans and specifications prepared by the City Engineer for the improvement of West street, between Acacia to Vernal Way.

STOCKTON, SAN JOAQUIN CO., CAL.—Street improvements. Cost not stated. Engineer, County Surveyor, Stockton. Owners, San Joaquin County. The County Engineer has completed a survey of the principal street in Escalon and will at once start plans for the paving of that thoroughfare. The work will be paid for by the county

SACRAMENTO, CAL.—Highway improvement. Cost not stated. Engineer, County Surveyor, Sacramento. Owners, Sacramento County. No bids were received by the County Supervisors for the Winding Way road in Fairoaks and the Board has instructed County Surveyor Drury Butler and Supervisor John Russi to construct the road.

FAIRFIELD, SOLANO CO., CAL.—Street improvement. Cost not stated. Engineer, City Engineer, Fairfield. Owners, City of Fairfield. Bids will be opened on April 10th for furnishing the labor and material for the resurfacing of Texas street.

MARTINEZ, CONTRA COSTA CO., CAL.—Sewer system, etc. Cost not stated. Engineers as follows. Owners, City of Martinez. Prior to calling an election to vote bonds for the construction of a municipal water system and sanitary sewer system, the Board of Trustees has engaged Engineers Olmsted & Gillelen of Los Anngeles to prepare estimates of costs, plans, etc., for the proposed work.

PORTLAND, ORE.—Highway construction. Cost as follows. Engineer, County Surveyor, Portland. Owners, Multnomah County. Bids opened by the County Commissioners for the paving of the St. Helens Road, for a distance of ten miles show the following as low bidders:

For Asphaltic Concrete No. 1 (Bitulithic) on Crushed Rock Base—Washington Paving Co., L. C. Smith Bldg., Seattle, construction, $178,960.32; maintenance, $2,589.60; total, $181,549.92.

For Asphaltic Concrete No. 1 (Bitulithic) on Concrete base, Warren Construction Co., construction, $230,791.17; maintenance, $321.11; total, $231,112.28.

For Asphaltic Concrete No. 2 on Crushed Rock Base—United Construction Co., for construction, $146,098.26; and Washington Paving Co., Seattle, for construction, $150,744.81; maintenance, $20,716.80; total, $171,461.61.

For Asphalt Concrete No. 2 on Concrete Base—Washington Paving Co., construction, $190,210.71; maintenance, $10,358.40; total, $200,569.12.

COLFAX, WASH.—Highway improvement. Cost not stated. Engineer, County Surveyor, Colfax. Owners, Whitman County. Bids are being received by the Board of Whitman County Commissioner, A. R. Metz, Auditor, at Colfax, up to April 16th, for the grading and graveling of Permanent Highway No. 12, between La Crosse and Dusty. Plans may be had from County Engineer J. M. McCaw at Colfax.

SAN FRANCISCO — Boulevard construction, $30,000. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. The San Francisco Board of Public Works has requested the Supervisors to order the construction of the first section (section "A") of the Marina Boulevard.

SAN FRANCISCO—Street improvements. Cost as follows. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. At its meeting Friday the Board of Public Works approved plans and specifications for various street improvements amounting to $67,350 and bids for same were ordered received.

OAKLAND, CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Oakland. Owners, City of Oakland. The Oakland Commissioners have passed a resolution agreeing to appropriate $100,000 for the paving of East 14th street, between 50th avenue and Stanley road, the southeastern boundary of the city.

REDWOOD CITY, SAN MATEO CO., CAL.—Septic tank, etc. Cost not stated. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans prepared by the County Engineer for the construction of a septic tank to take care of the sewerage at the county farm and hospital were approved by the Supervisors at their last meeting, and the Clerk was instructed to call for bids. Further information may be had from the County Clerk.

STOCKTON, SAN JOAQUIN CO., CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council has rejected all bids received for the improvement of streets in North Stockton, known as the McCloud Addition. Ehrhart & Greely of San Francisco were the low bidders for the work at $39,962.89. New bids for the work have been ordered received up to April 6th. Plans may be had from the City Clerk.

SAN FRANCISCO—Sewer extension, $75,000. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Plans haveing been completed by the City Engineer's office, the Board of Public Works has requested the Supervisors to enact an ordinance authorizing the construction of the Army street sewer extension.

RODEO, CONTRA COSTA CO., CAL.—Street improvement. Cost not stated. Engineer, County Surveyor, Rodeo. Owners, Town of Rodeo and Contra Costa County. The main street of the town will be improved. The county

will construct oil macadam pavement by Day Labor, and property owners will construct concrete curbs and sidewalks by private contract.

MARTINEZ, CONTRA COSTA CO., CAL. Road improvement. Cost not stated. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Bids will be opened on April 16th for grading 5,700 lineal feet of Division No. 7, of the county highway, as shown on plans accompanying said specifications.

MARTINEZ, CONTRA COSTA CO., CAL.—Sand and rock. Cost not stated. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Bids will be opened on April 16th for furnishing of coarse and fine aggregate to be used in the construction of concrete highways, bridges and culverts during the year of 1917.

CALISTOGA NAPA CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Calistogag. Owners, City of Calistoga. The City Trustees have decided to pave Lincoln avenue and a portion of Washington street. The specifications call for a 5-inch concrete base with 1½-inch wearing surface on heavy oil and sand. Seventy-five per cent of the contract price is to be paid by property owners on the street and 25 per cent from an assessment of all property within what is known as the sewer zone.

STOCKTON, SAN JOAQUIN CO., CAL.—Street paving. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Supervisor Coates and County Surveyor F. E. Quail at a recent meeting with the City Council at Stockton decided that South street, between Pilgrim and East street, border streets of the city, should be improved and plans for the work were ordered prepared. The expense will be borne by the county and city officials.

STOCKTON, SAN JOAQUIN CO., CAL.—Street paving. Cost as follows. Engineer, City Engineer, Stockton. Owners, City of Stockton. Within a few days the City Council will decide upon the material which will be used in the paving of streets in South Stockton. The work will involve $30,000 or more. When bids are called, the work will be let under two contracts, according to reports.

HANFORD, KINGS CO., CAL.—Gas mains extension, etc. Cost as follows. Engineer's name not given. Owners, Hanford Gas and Power Co. The Hanford Gas and Power Co. will commence work shortly in extending its gas mains in this city. High pressure mains encircling the city will be laid immediately, to which low pressure mains will be attached. The work will cost about $30,000 for which bonds were issued a short time ago.

BAKERSFIELD, KERN CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Bakersfield, Owners, City of Bakersfield. The City Engineer has been instructed to prepare plans and specifications for a street paving district, including D, E, and F streets, between 19th and 20th streets, and the alley from D to F streets, between 19th and 20th streets.

BAKERSFIELD, KERN CO., CAL.—Electroiler system. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Engineer, has been instructed to prepare plans and specifications for the proposed electroiler system in accordance with the petition presented to the City Council by property owners. Plans will be ready for adoption at the next meeting of the Council, when it is probable that bids for construction will be called.

FIREBAUGH, FRESNO CO., CAL.—Sewer system, etc. Cost not stated. Engineer, City Engineer, Firebaugh. Owners City of Firebaugh. Bids will be received by the City Clerk up to 8 p. m. of April 17, 1917, for the purchase of the $9,500 sewer and water bond issue. There are 38 bonds of $250 denominations at 6 per cent interest. The funds will be used for constructing a sewer system and disposal plant and a water system to be used in connection with the same, and for improving supplying water for, domestic uses. Certified check for 10 per cent required. C. W. Hawkes is the City Clerk.

REDWOOD CITY, SAN MATEO CO., CAL.—Septic tank, etc. Cost not stated. Engineer, County Surveyor Redwood City. Owners, San Mateo County. Bids will be received until April 16th at 10 a. m. for the construction of a sewage disposal works, consisting of a septic tank, sub-surface drainage system, etc., on the County Hospital property.

STOCKTON, SAN JOAQUIN CO., CAL.—Street improvements. Cost not stated. Engineer, City Engineer, Stockton. Owners, City of Stockton. Bids will be opened on April 6th for street improvements authorized under the following resolution: That certain portions of West street be improved by grading; combined concrete curb and gutters; concrete sidewalks 5 feet wide and 4 inches thick; paving the roadway with asphalt concrete 4 inches thick after rolling on a base of gravel of a cement nature, two inches thick after rolling.

LOS ANGELES, CAL.—Tunnel construction. Cost as follows. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Twohy Bros. Co., Hobart Bldg., S. F., were the only bidders for the construction of the Hill street tunnel from First to Third street, and for improving portions of other streets and public places at the following figures: 18c per square foot asphalt paving; 18c per square foot asphalt repaving; 8c square foot asphalt resurfacing; 35c lineal foot cement curb; 11c square foot cement sidewalk; 50c square foot granite block gutter; $35 storm drains and appurtenances; $6.-000 sanitary sewers; $1,073,096 tunnel and apurtenances completed, including grading; $18,900 Second street grading; 9c square foot sub-grading; $1.50 lineal foot granite curbs.

LOS ANGELES, CAL.—Sewer system. Cost not stated. Engineer, County Surveyor, L. A. Owners, Los Angeles County. Bids will be received by the Board of Supervisors up to 2 p. m. of April 16, 1917, for constructing a sewer system at the County Farm near Downey. Plans may be obtained from the Clerk of the Board, Hall of Records.

LONG BEACH, LOS ANGELES CO., CAL.—Street improvement. Cost as follows. Engineer, City Engineer, Long Beach. Owner, City of Long Beach. Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., L. A. was the lowest bidder at $50,976.08 for the improvement of portions of Anaheim street between Daisy avenue and Orange avenue, and portion of Cedar avenue between Anaheim and 14th streets, and portions of Cedar avenue, Lime avenue and other streets.

LOS ANGELES, CAL.—Sewer construction. Cost as follows. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Leo Miletich, 1015 East 10th street, L. A., has been awarded a contract at $16,900 for the construction of a sewer in Topaz street, from Huntington Drive to Galena street, and in portions of other streets.

CHINO, SAN BERNARDINO CO., CAL.—Street improvements, $28,950. Engineer, City Engineer, Chino. Owners, City of Chino. Contractor, George H. Oswald, O. T. Johnson Bldg., L. A. Contract price, $28,950.

MARYSVILLE, YUBA CO., CAL.—Street improvements. Cost as follows. Engineer, City Engineer, Marysville. Owners, City of Marysville. The Federal Construction Co., 323 Sharon Bldg., S. F., has been awarded a contract for paving in street districts 4 and 5. Their bids were 13.4 and 13.7 cents per square foot respectively.

Contract Awarded.

SAN LEANDRO, ALAMEDA CO., CAL.—Electroliers. Cost as follows. Engineer, Town Engineer, San Leandro. Owners, Town of San Leandro. Contractor, D. S. Tamplin, L. A. Contract price, $1,908.

BAKERSFIELD, KERN CO., CAL.—Street paving, $9,535.15. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Contractors, Thompson Bros., 1514 H street, Fresno. Contract price, $9,535.15.

BLYTHE, RIVERSIDE CO., CAL.—Curbs and sidewalks. Cost as follows. Engineer, City Engineer, Blythe. Owners, City of Blythe. James Johnson, 1728 South Oxford Boulevard, L. A., was the lowest bidder and was awarded the contract for constructinz approximately 30,000 linear feet of cement curb and 300,000 square feet of cement sidewalk on various streets. The contracts amount to about $35,000.

STORES AND OFFICES.

SAN FRANCISCO—Offices, 1 story, mezzanine and base. Class C construction, $18,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, L. A. Myers. Location, south Pine east Sansome, covering an area of 34 by 137½ feet. Plans are being prepared.

SAN FRANCISCO—Stores and offices, 3 story and base. Class C construction, $22,500. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, J. B. Parish. Location, south O'Farrell east Mason, covering an area of 25 by 120 feet. Plans are complete and figures being taken.

OAKLAND, CAL.—Stores, 1 story and base, brick, $5,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. Location, Broadway near 29th street, covering an area of 30 by 120 feet. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Stores and offices, 1 story and base, brick. Cost not stated. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Einstein Investment Co. Location, Inyo between Van Ness and L street, covering an area of 50 by 100 feet. Plans are being prepared.

SACRAMENTO, CAL.—Store, 1 story and base, brick, $3,000. Architect, none. Owner, A. W. Morris. Location, 1615 21st street, covering an area of 25 by 60 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base. Class A construction, $200,000. Architects, William Richards and W. J. Dodd, Brockman Bldg., L. A. Owners, J. S. Torrance and E. B. and H. L. Rivers. Contractors, Weymouth Crowell Co., 2026 West Ninth street, L. A. Contract price, $200,000.

THEATRES.

OAKLAND, CAL.—Theatre and stores, 1 and 2 story and base, reinforced concrete, $25,000. Architect, none. Owner, J. S. Kimball, 775 Kingston avenue, Oakland. Contractors, Myers & White, 13th and Webster Sts., Oakland.

NAPA, NAPA CO., CAL.—Theatre and stores, 2 story and base, reinforced concrete, $35,000. Architect, L. M. Turton, Napa. Owners, Garibaldi Bros. Contractor, W. M. Coffield, 534 Franklin street, Napa. Contract price, $35,000.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1134 — Office of the General Purchasing Officer, Panama Canal, Washington, D. C.—Sealed proposals will be received here until **April 14 1917,** under circular 1134 for furnishing 4,300 rubber erasers, 3,500 rolls office pins, 200,000 manila tags, 48 nickel chrome steel rough castings, 60,000 feet plow steel cable, 35,000 feet plow steel hoisting cable, 8,000 feet tiller rope, 25,000 pounds calcium carbide, 5,000 sheets ships' felt, 2,500 pounds lump chalk, 52,000 pounds common wire nails, 2,700 pounds do; galvanized rivets; 535 coils manila rope, ¼-inch to 2-inch; 3,000 short handle shovels, 4,000 pounds galvanized boat spikes 700 feeet brass tubing, 6,610 plate washers, 15,000 spring lock washers, 200 pounds brass spring wire, rough brass bushings and couplings, brass and galvanized pipe fittings, 15,000 feet cast iron soil pipe, 2-inch, and 10,000 feet do 4-inch, 250 swing bends, soil and water pipe fittings, 16,000 feet drain tile, 400 rubber bends, 4-inch; 37 water closet bowls, 900 brass cleanouts, 75 water closets, 200 ball cock covers, 200 flow drains, 400 brass ferrules, 100 lavatories, 100 long screws, 100 water closet seats, 250 brass basin tees, 220 brass angle valves, 9 4-inch brass foot valves, 65 brass globe valves, 5,000 pounds Babbit metal, 5,300 pounds bronze, 10,000 yards cheesecloth, 6,300 pounds sheet copper, 750,000 pounds pig iron 200,000 pounds foundry pig iron, 50,000 pounds pig lead, 3,000 pounds foundry nails, 1,500 pounds coper nails, 15,000 pounds rock salt, 6 sets switch ties, 600 stovepipe elbows, window glass, 200 pounds corset lacing, 600 pounds black harness leather, 6,000 pounds mule shoes, 144 chamois skins, 240 cases toilet paper, 17 throttle valves, 1,200 enamel agate cups, 2,500 pounds oak tannel leather, 1,000 lengths galvanized stovepipe, 40 solid rubber tires, 600 sheets bright tin, 1,728 hacksaw blades, 200 brass bolts, eye bolts, machine bolts, ring bolts, brass air cocks, carriage bolts, track and stove bolts, cocks, 2,400 machetes, 92 rubber gaskets, fittings for piping on supply boats, globe, reducing and angle valves. For further information address EARL I. BROWN, major, corps of engineers U. S. army, general purchasing officer.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals for the construction of canals on the Shoshone project, involving about 30,000 cubic yards of excavation, will be received at the office of the United States Reclamation Service, Powell, Wyo., until **2 o'clock p. m. April 18, 1917.** The work is located near Mantua Wyo., on the C. B. & Q. Railroad. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Powell, Wyo. A P. DAVIS, chief engineer.

NOTICE OF SALE.

SALE—Proposals will be received at the office of the U. S. Reclamation Service, Denver, Colo., until **2 o'clock p. m. April 14, 1917,** for sale of government property, consisting of cars, steam and gas engines, concrete mixer, centrifugal pump, concrete pipe forms, tanks, etc. For particulars address the United States Reclamation Service, Tramway Building, Denver, Colo.

PROPOSALS FOR EARTHWORK.

EARTHWORK—Department of the Interior. U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until **2 o'clock p. m. April 25, 1917,** for earthwork, Nelson Reservoir South Canal, Milk River project, involving about 7,500 cubic yards of excavation and 7,500 cubic yards of earth lining. The work is located about ten miles from Saco, Mont., on the Great Northern Railway. For particulars address the United States Reclamation Service, Malta, Mont.; Denver, Colo., or Washington, D. C. A. P. DAVIS, chief engineer.

NOTICE TO DEALERS IN SCHOOL SUPPLIES AND EQUIPMENT.

SEALED PROPOSALS or bids are hereby invited by the Board of Education of the City of Alameda and of Alameda School District of Alameda County, California, and may be filed at the office of the Secretary of said Board at the City Hall, located at the corner of Oak street and Santa Clara Ave., in said city, **on or before the hour of 5 P. M. of the 17th day of April, 1917, for furnishing supplies, furniture, and equipment, etc., for the year 1917-1918,** in accordance with the "Schedule of Supplies, Furniture and Equipment," adopted by said Board March 6th, 1917.

All bids shall be carfeully and distinctly written without erasures, or interlineations, according to forms on file at the office of the Secretary.

The Board reserves the right to use greater or less quantities than those stated in said schedule and to have all goods delivered in such quantities and in such places as it may direct.

Each bid shall be accompanied by a certified check for 10 per cent of said bid and the successful bidder will be required to furnish a bond to said Board of Education in an amount equal to 50 per cent of the total amount of the contract awarded to him.

Bids may be presented for the entire "Schedule of Supplies, Furniture and Equipment" or for individual items thereof.

If the bidder submits a bid for any brands of supplies other than that specified in said schedule, the Board will require that a sample or a full description thereof, be filed with the secretary.

By order of the Board of Education of the City of Alameda and of Alameda School District of Alameda County, California.

Dated this 6th day of March, 1917.

C. J. DU FOUR,
Secretary. (*)

PROPOSALS FOR PUMPING MACHINERY.

PUMPING MACHINERY — Department of the Interior, U. S. Reclamation Service, Washington, D. C.,—Sealed proposals for furnishing pumping machinery for the Yuma Valley drainage plant, Yuma project, Arizona, will be received at the office of the United States Reclamation Service, Denver, Colo., until **2 o'clock p. m. April 18, 1917,** and will then be opened. The work is located near Yuma, Ariz. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 9, 1917.—SEALED PROPOSALS will be opened in this office **at 3 P. M., April 20, 1917,** for the construction of the United States Post

NOTICE TO CONTRACTORS.

DREDGE FOR SALE.

BIDS will be received at the office of W. J. Roberts, Chief Engineer, Inter-County River Improvement, 401 Court House, Tacoma, Washington, **until noon April 22, 1917, for the purchase of a 20-inch hydraulic electric dredge with pontoons, pipe, derrick scow and other equipment.** Each bid must be accompanied by a certified check for 5% of amount bid, payable to the Treasurer of Pierce County, Washington. Full information on application. (*)

DEPARTMENT OF THE INTERIOR.

BUREAU OF MINES.

New Publications. (List 49.—Feb., 1917)

BULLETINS.

Bulletin 122. The principles and practice of sampling metallic metallurgical materials, with special reference to the sampling of copper bullion, by Edward Keller. 1916. 102 pp., 13 pls., 31 figs.

Bulletin 128. Refining and utilization of Georgia kaolins, by Ira E. Sproat. 1916. 59 pp., 5 pls., 11 figs.

TECHNICAL PAPERS.

Technical Paper 137. Combustion in the fuel bed of hand-fired furnaces, by Henry Kreisinger F. O. Ovitz, and C. E. Augustine. 1916. 76 pp., 2 pls., 21 figs.

Technical Paper 138. Suggested safety rules for installing and using electrical equipment in bituminous coal mines by H. H. Clark and C. M. Means. 1916. 29 pp.

Technical Paper 164. Accidents at metallurgical works in the United States during the calender year 1915, compiled by A. H. Fay. 1916. 20 pp.

MINERS' CIRCULAR.

Miners' Circular 23. Elementary first aid for the miner by W. A. Lynott and D. Harrington. 1916. 23 pp., 19 figs.

NOTE:—Only a limited supply of these publications is available for free distribution, and applicants are asked to co-operate in insuring an equitable distribution by selecting publications that are of especial interest. Requests for all papers can not be granted. Publications should be ordered by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

RESIDENCE — 2 story attic and base, brick and frame, $30,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, George D. Cooper. Location, north Pacific east Steiner. Will contain fourteen rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

RESIDENCES—2, 2 story and base, frame, $3,000 each. San Francisco. Architect, none. Owners, Anderson & Johnson, 47-A Landers street, S. F. Location, east 15th avenue south Balboa. Each house will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,000. San Francisco. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owner, Margaret J. Koenig. Location, east 13th avenue, north Cabrillo. Will contain seven rooms and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES—3, 2 story and base, frame and brick veneer, $4,000 each. San Francisco. Architects, Faich & Knoll, Hearst Bldg., S. F. Owners, Theodore A. Rulfs Building Co. Location, St. Francis Wood. Each house will contain eleven rooms, three baths and social room in basement. Separate garages. Plans are being prepared. Segregated figures will be taken.

RESIDENCE — 1½ story and base, frame, $2,500. San Francisco. Architect, none. Owner, John E. McCarthy, 1340 13th avenue, S. F. Location, east San Gabriel south Capistrano. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $9,000. San Francisco. Architect, Louis Mastropasqua, 580 Washington street, S. F. Owner's name withheld. Location, Richmond District. Will contain eight rooms, two baths and basement garage. Plans are being prepared.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect. Louis Mastropasqua, 580 Washington street, S. F. Owner's name not given. Location, east Carr south Parr. Will contain six rooms and bath. Plans complete and figures being taken.

BOULEVARD CONSTRUCTION $30,000. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. The San Francisco Board of Public Works has requested the Supervisors to order the construction of the first section (section "A") of the Marina Boulevard.

STREET IMPROVEMENTS. Cost as follows. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. At its meeting Friday the Board of Public Works approved plans and specifications for various street improvements amounting to $67,350 and bids for same were ordered received.

RESIDENCE — 2 story and base, frame, $3,000. San Francisco. Architect, none. Owners Oscar Heyman & Bro., 749 Market street, S. F. Location, west 6th avenue south Geary. Will contain six rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base frame, $5,000. San Francisco. Architects, Heiman & Swartz, 212 Stockton street, S. F. Owner, Mr. Ash. Location, Claremont Court. Will contain six rooms, bath and basement garage. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame, $8,000. San Francisco. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, Mrs. T. Regensburger. Location, Broderick street. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

SEWER EXTENSION $75,000. San Francisco. Engineer, City Engineer, S. F. Owners, City and County of San Francisco. Plans having been completed by the City Engineer's office, the Board of Public Works has requested the Supervisors to enact an ordinance authorizing the construction of the Army street sewer extension.

FLATS—2, 2 story and base, frame, $5,000 each. San Francisco. Architect, none. Owners, Johnson & Johnson, 844 14th street, S. F. Location, west 25th avenue north Clement. Each building will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

FLATS AND STORE—1 story, frame, $2,500. San Francinsco. Architect, G. A. Applegarth Claus Spreckels Bldg., S. F. Owners, C. S. and A. Morbio. Location, north Ocean avenue west Miramar. Will contain store and living rooms. Plans complete and figures being taken.

APARTMENT HOUSE AND STORES—4 story and base, reinforced concrete, $30,000. San Francisco. Architect. C. O. Clausen, Hearst Bldg., S. F. Owners, J. B. Nuttman and W. J. Dowling. Location, east Valencia north 14th, covering an area of 65 by 141 feet. Will contain three stores and a total of 30 apartments. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—5 story and base. Class C construction, $70,000. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Nightengale Estate. Location, Haight and Webster strets, covering an area of 65 by 110 feet. This is the first unit of a group of apartment houses to be erected on Haight street costing about $500,000.

GARAGE AND MACHINE SHOP—1 story and base. Class C $10,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner name withheld. Location north line west Polk, covering an area of [illegible] by 120 feet. Plans are being prepared.

GARAGE AND MACHINE SHOP—1 story and base. Class C construction, $13,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner name withheld. Location, south Pine east Polk, covering an area of 25 by 120 feet. Plans complete and figures being taken.

STORES AND OFFICES — 3 story and base. Class C construction, $22,500. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, J. B. Parish. Location, south O'Farrell east Mason, covering an area of 25 by 120 feet. Plans are complete and figures being taken.

OFFICE—1 story, mezzanine and base. Class C construction, $15,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, L. A. Myers. Location, south Pine east Sansome, covering an area of 34 by 137½ feet. Plans are being prepared.

Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor.	Amt.
834	Anderson	Johnson	3000
835	Same	Same	3000
837	Brooks	Moore	2500
836	McCarthy	McCarthy	2500
838	Bertrand	Bertrand	850
839	Wachter	Wachter	900
840	Lindberg	Lindberg	2750
841	Same	Same	2500
842	Purcell	Purcell	4500
843	Little	Little	11000
844	Same	Same	11000
845	Koenig	Koenig	4000
846	Aubertin	Aubertin	3425
847	Soule	Masow	3683
848	Taylor	Pac Str	2600
849	Warren	Guilmes	2435
850	Darcy	Higgins	769
851	Pope Est	Wilson	1994
852	Same	Cameron	46400
853	Same	O'Mara	3407
854	Same	Globe	3617
855	Same	Zelinsky	2500
856	Same	W'n Iron	18480
857	Same	Pahqualetti	7200
858	Same	Fennell	14000
859	W'n Pac	Reed	1786
860	Heyman	Heyman	1900
861	Same	Same	1909
862	Niehaus	Franzen	1000
863	Eaton	Smith	100
864	Sey	Sey	1000
865	Mollerus	Mollerus	700
866	Corbelli	Corbelli	400
867	Bacigalupi	Bacigalupi	100
868	Olympic Garage	Ellis	400
869	Sunset Rlty	McCarthy	400
870	Schussler	Black	100
871	Locatelli	Locatelli	100
872	Weyl	Ross	600
873	Goodyear	Klyce	600
874	Fonda	Delaney	500
875	Ham	Ham	20000
876	Kirby	Kirby	5000
877	Biglieri	Pagano	4950
878	McCarty	Hamilton	4989
879	Martin	Cederborg	8885
880	Johnson	Johnson	450
881	Same	Same	450
882	Mostick	Persson	447
883	Ferguson	Langdon	600
884	Beckman	Beckman	1200
885	Geffress	Vlas	450
886	Nuttman	Dowling	3000
887	Charlot	Phipps	7895
888	Same	Wittman	700
889	Same	Fesch	600
890	Same	Pasini	1120

891	Same	May	3550
892	Same	Otis	1725
893	Same	Fess	700
894	Boyd	Boyle	600
895	Corbelli	Fantanell	515
896	Danforth	Stanquist	600
897	Royal Ins	Royal Ins.	600
898	Roesch	Levi	500
899	Heyman	Heyman	2900
900	De Young	Lindgren	62780
901	Parma	De Martini	6000

FRAME RESIDENCE
(836) E FIFTEENTH AVE 252 S Balboa. Two-story and basement frame residence.
Owner.....Anderson & Johnson 47-A Landers, San Francisco.
Architect...None.
Day's work. COST, $3000

FRAME RESIDENCE
(835) E FIFTEENTH AVE 228 S Balboa. Two-story and basement frame residence.
Owner.....Anderson & Johnson 47-A Landers, San Francisco.
Architect...None.
Day's work. COST, $3000

FRAME RESIDENCE
(837) E SAN GABRIEL AVE 100 S Capistrano Ave Lot 5 Blk "B" Mission Terrace. All work for one and one-half-story frame residence.
Owner.....Jno. E. McCarthy, 1340 13th Ave., San Francisco.
Plans by Owner.
Contractor..John E. McCarthy Co.
Filed Mar. 26, '17. Dated Mar. 23, '17.
Frame up and enclosed.....$625
Brown coated inside and outside 625
Completed and accepted..... 625
Usual 35 days..... 625
TOTAL COST, $2500
Bond, none. Limit, 60 days after Mar. 26. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE
(837) S VALLEJO 192 E Gough E 33-6 xS 137-6. All work except hardware and electric fixtures for one-story and basement frame cottage.
Owner.....Walter Brooks, 1717 Valley, San Francisco.
Architect...Henry H. Gutterson, 278 Post, San Francisco.
Contractor..Moore & Burlingame, Sharon Bldg., S. F.
Filed Mar. 26, '17. Dated Mar. 23, '17.
Frame up $625
Plastered 625
Completed 625
Usual 35 days..... 625
TOTAL COST, $2500
Bond, $1250. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

ALTERATIONS
(838) NO. 2509 LARKIN. Alter two flats into dwelling.
Owner.....August Bertrand, Prem.
Architect...Paul J. Capurro, 1844 Powell, San Francisco.
Day's work. COST, $850

ALTERATIONS
(839) W BRODERICK 150 S Hayes. Alter dwelling on 1st floor for store.
Owner.....Herman Wachter, 24 Felton, San Francisco.
Architect...None.
Day's work. COST, $900

FRAME DWELLING
(840) N PRECITA 93-6 W Bryant. One and one-half-story and basement frame dwelling.
Owner.....Gus Lindberg, 257 Surrey, San Francisco.
Architect...None.
Contractor..C. Lindberg, 257 Surrey, San Francisco.
COST, $2750

FRAME DWELLING
(841) N PRECITA 27-6 W Bryant. One-story and basement frame dwlg.
Owner.....Gus Lindberg, 257 Surrey, San Francisco.
Architect...None.
Contractor..C. Lindberg, 267 Surrey, San Francisco.
COST, $2500

FRAME FLATS
(842) W EIGHTEENTH AVE 50 N Anza. Two-story and basement frame (2) flats.
Owner.....J. S. Purcell, 856 Presidio Ave. San Francisco.
Architect...None.
Day's work. COST, $4500

FRAME FLATS
(843) S HAIGHT 27-6 W Pierce. Three-story and basement frame (6) flats.
Owner.....John Little, 1371 5th Ave., San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $11,000

FRAME FLATS
(844) S HAIGHT 82-6 W Pierce. Three-story and basement frame (6) flats.
Owner.....John Little, 1371 5th Ave., San Francisco.
Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $11,000

FRAME RESIDENCE
(845) E THIRTEENTH AVE 145 N Cabrillo. Two-story and basement frame residence.
Owner.....Margaret J. Koenig, Care Architect, Humboldt Bank Bldg., S. F.
Architect...Koenig & Christiansen, 914 Humboldt Bank Bldg., S. F.
Day's work. COST, $4000

FRAME RESIDENCE
(846) N REVERE (18th Ave South) 343-9 E Lane E 31-3xN 100. All work for one-story frame residence.
Owner.....Jules L. Aubertin, 1236 Mason, San Francisco.
Architect...Oliver Everett, 1940 Webster, San Francisco.
Contractor..Louis Metter and P. H. Grell, 359 Capp, S. F.
Filed Mar. 27, '17. Dated Mar. 19, '17.
Frame up and sheathed.....$856.25
White plaster on..... 856.25
Completed 856.25
Usual 35 days..... 856.25
TOTAL COST, $3425.00
Bond, $1712.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, $3. Plans and specifications filed.

EXCAVATION, ETC.
(847) W POTRERO AVE 33 S Division W 200xS 108-3. Excavation, backfilling, forms for concrete work concrete work, all wood work, erecting structural steel, iron work, bolts, etc., set anchor straps, etc., for building.
Owner.....Edw. L. Soule, Rialto Bldg. San Francisco.
Architect...Edw. L. Soule Co., Rialto Bldg., San Francisco.
Contractor..Masow & Morrison, Monadnock Bldg., S. F.
Filed Mar. 27, '17. Dated Mar. 24, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3683
Bond, $1842. Surety, New Amsterdam Casualty Co. Limit, 40 days. Forfeit, none. Plans and specifications none.

SALES ROOM
(848) N BUSH 76 E Polk E 70-6 N 120 S 26-6 S 52-1 W 44 S 67-11. Iron and steel work for two-story and basement brick sales room.
Owner.....Thos. G. Taylor Co.
Architect...Albert W. Burgren, 30 Woodland Ave., S. F.
Contractor..Pacific Structural Iron Works, 370 10th, S. F.
Filed Mar. 27, '17. Dated Mar. 26, '17.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $2600
Bond, none. Limit, as fast as possible. Forfeit, $5. Plans and specifications filed.

FRAME COTTAGE
(849) LOT 11 BLK 21 Crocker Amazon Tract. All work except painting, tinting and paper hanging for one and one-half-story frame cottage.
Owner.....Chas. C. and Leska Warren.
Plans by Contractor.
Contractor..Victor Gullmes 1828 Castro San Francisco.
Filed Mar. 27, '17. Dated Mar. 27, '17.
On completion $1700
Balance in sums of $20 per month; interest, 6%.....
TOTAL COST, $2435
Bond, none. Limit, 90 days after April 1, 1917. Forfeit, none. Plans and specifications filed.

DWELLING
(850) NO. 10 HOFFMAN AVE. Lumber, mill, plastering, electric fixtures, hardware, rough and finish, new gutter on roof, mantel, tiling and sink, stair railing, paper hanging, linowall, painting, window shares and plumbing for building.
Owner.....J. M. Darcy, Premises.
Architect...None.
Contractor..J. M. Higgins.
Filed Mar. 27, '17. Dated Feb. 1, '1.7
Plaster complete, 1st coat paint on and carpenter work done....$269
On completion 250
Usual 35 days..... 250
TOTAL COST, $769
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications, none.

CLASS "C" OFFICE BUILDING
(851) NW MONTGOMERY AND SUMMER W 134-6 N 59 E 74-6 N 6 E 60 S 65. Plumbing for six-story and basement Class "C" office building.
Owner.....Union Trust Co., Trustee Est. Andrew J. Pope, dec'd.
Architect...Frederick H. Meyer, Bankers' Invst. Bldg., S. F.
Contractor..Wm. F. Wilson Co., 330 Mason, San Francisco.
Filed Mar. 27, '17. Dated Mar. 22, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1994.50

Bond, $2497.50. Surety, The Aetna Accident & Liability Co. Limit, 150 days after steel frame up. Forfeit, none. Plans and specifications filed.

(852) GRANITE, GLASS, GLAZING, marble, linotile, sheet metal, carpentry, ornamental iron, lath, plaster etc., on above.
Contractor..Cameron & Disston, Hearst Bldg., San Francisco.
Filed Mar. 27, '17. Dated Mar. 20, '17.
Payments same as above.....
TOTAL COST, $16,100
Bond, $23,200. Surety, Massachusetts Bonding & Insurance Co. Limit, 130 days after steel frame up. Forfeit, none. Plans and specifications filed.

(853) HEATING WORK ON ABOVE.
Contractor..J. E. O'Mara 119 Minna, San Francisco.
Filed Mar. 27, '17. Dated Mar. 21, '17.
Payments same as above.....
TOTAL COST, $3407
Bond, $1703.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 130 days after steel frame up. Forfeit, none. Plans and specifications filed.

(854) ELECTRIC WORK ON ABOVE.
Contractor..Globe Elec. Co., 1959 Mission, San Francisco.
Filed Mar. 27, '17. Dated Mar. 22, '17.
Payments same as above.....
TOTAL COST, $3617
Bond, $1808.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 130 days after steel frame up. Forfeit, none. Plans and specifications filed.

(855) PAINTING ON ABOVE.
Contractor..D. Zelinsky & Sons, Inc., 422 Turk, Sa nFrancisco.
Filed Mar. 27, '17. Dated Mar. 21, '17.
Payments same as above.....
TOTAL COST, $2500
Bond, $1250. Surety, The Fidelity & Casualty Co. Limit, 130 days after steel frame completed. Forfeit, none. Plans and specifications filed.

(856) STRUCTURAL STEEL WORK on above.
Contractor..Western Iron Works, 141 Beale, San Francisco.
Filed Mar. 27, '17. Dated Mar. 20, '17.
Payments same as above.....
TOTAL COST, $18,480
Bond, $9240. Surety, Massachusetts Bonding & Insurance Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(857) EXCAVATING AND CONCRETE work on above.
Contractor..Joseph Pasqualetti (as American Concrete Co.), Humboldt Bk. Bldg., S. F.
Filed Mar. 27, '17. Dated Mar. 20, '17.
Payments same as above.....
TOTAL COST, $7200
Bond, $3600. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(858) BRICK AND TERRA COTTA work on above.
Contractor..James S. Fennell, 180 Jessie, San Francisco.
Filed Mar. 27, '17. Dated Mar. 20, '17.
Payments same as above.....
TOTAL COST $11,000
Bond, $7000. Surety, Aetna Accident & Liability Co. Limit, 130 days after steel frame completed. Forfeit, none. Plans and specifications filed.

REPAIRS
(859) SW EIGHTH AND BRANNAN Repairs to freight office building
Owner.....Western Pacific Railroad Co., Mills Bldg., S. F.
Architect ...None.
Contractor. Farrell & Reed, 709 Mission, San Francisco
Filed Mar. 27, '17. Dated Mar. 16, '17.
Completed and accepted..... 75%
36 days after..... 25%
TOTAL COST, $1786
Bond, $900. Surety, The Aetna Accident & Liability Co. Limit, 30 days. Forfeit, none. Plans only filed.

FRAME DWELLING
(860) NW BERTITA 307-6 NE Mohawk. One-story and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $1900

FRAME DWELLING
(861) NW BERTITA 282-6 NE Mohawk. One-story and basement frame dwelling.
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $1900

FRAME STORE ROOM
(862) NO. 548 BRANNAN (rear). One-story frame store room.
Owner.....E. Miehaus, Premises.
Architect ...None.
Contractor..Swenson & Franzen, 145 Natoma, San Francisco.
COST, $1000

FRAME GARAGE
(863) E ELSIE 60 N Cortland. One-story frame garage.
Owner.....Eaton & Smith, 407 11th. San Francisco.
Architect ...None.
Day's work. COST, $400

FRAME DWELLING
(864) W MOULTRIE 50 N Tompkins. One-story and basement frame dwlg.
Owner.....Wm. Sey, 3987 20th, S. F.
Architect ...None.
Day's work. COST, $1000

REPAIRS
(865) NO. 104 STAPLES. General repairs to dwelling.
Owner.....E. Mollerns, Premises.
Architect ...None.
Day's work. COST, $700

ALTERATIONS
(866) NO. 15 SONORA PLACE. Alter rooms for light court.
Owner.....Frank Corbelli, Premises.
Architect ...None.
Day's work. COST, $400

ALTERATIONS
(867) NO. 47 RUSSELL. Alter for two flats.
Owner.....Mario Bacigalupi, Prem.
Architect ...None.
Day's work. COST, $400

SIGN
(868) S SUTTER 150 E Taylor Electric sign.
Owner.....Olympic Garage, Premises.
Architect ...E. P. Antonovich, [illegible] Montgomery, S. F.
Contractor..Elec. Electric Construction Co. 281 Natoma, S. F.
COST, $100

REPAIRS
(869) NOS. 2125-33 MARKET Repair stores.
Owner.....Sunset Realty Co., 14 Montgomery, San Francisco.
Architect ...Welsh & Carey, Merchants National Bank Bldg., S. F.
Contractor..Jas. F. McCarthy 132 Eureka, San Francisco
COST, $1[illegible]

ADDITION
(870) NO. 326 GROVE Add mezzanine floor, etc.
Owner.....Schussler Bros., Premises.
Architect ...None.
Contractor..Robt. G. Black, 914 Buena Vista Ave., Alameda
COST, $400

FRAME DWELLING
(871) NO. 14 WILLIAR AVE. One-story and basement frame dwelling.
Owner.....Jos. J. Locatelli, 60 Williar Ave., San Francisco.
Architect ...None.
Day's work. COST, $4[illegible]

ADDITION
(872) NO. 115 JORDAN AVE. Add 2 room to dwelling.
Owner.....Mrs. B. Weyl, Premises.
Architect ...None.
Contractor..Ross & Bruns, 418 Frederick, San Francisco.
COST, $600

(873) NW VIRGINIA & COLERIDGE. Add one room on roof.
Owner.....Goodyear Rubber Co., Market and Second, S. F.
Architect ...None.
Contractor..H. A. Klyce, Sheldon Bldg., San Francisco.
COST, $6[illegible]

CONCRETE FLOOR
(874) NO. 3710 CLAY Concrete floor etc.
Owner.....H. S. Fonda, Premises
Architect ...None.
Contractor..Delaney & Gutteridge, 619½ Clayton, S. F.
COST, $5[illegible]

FRAME APARTMENTS
(875) SW LAKE & TWENTY-FIRST Ave. Two-story and basement frame (4) apartments.
Owner.....L. E. Ham, 75 Sutter, S. F.
Architect ...None.
Day's work. COST, $[illegible]

FRAME FLATS
(876) SE GROVE AND SHRADER Two-story and basement frame (4) flats.
Owner.....J. C. Kirby, 2152-A Market, San Francisco.
Architect ...None.
Day's work. COST, $[illegible]

FRAME FLATS
(877) E PARKER AVE [illegible] N [illegible] 24x45. All work except [illegible] shades, gas and electric [illegible] [illegible] and [illegible]
Owner.....Mrs. Mary [illegible] Park Ave., San Fran[illegible]
Architect ...None.

The Sarsi Studios

359-361-363 GOLDEN GATE AVE., S. F. Phone Market 2970



A Conservatory Erected By Us In One Of The Mansions In Alameda County.

The Sarsi Studios, formerly on Oak Street, San Francisco, is now located at 361-363 Golden Gate Avenue, where a most comprehensive and instructive display room and studio has been installed.

Here will be found exampies of antique and modern mantels in caen stone and artificial stone in endless variety as well as an endless display of garden furniture.

The various schools of design in mantels are displayed with appropriate setting, each mantel being in a room of its own. Here the Architect and the Owner can readily see the finished article as it will appear when fully installed.

The products of the Sarsi Studios will be found in many of the finer homes in California, and Builders have found that a Sarsi Studio Mantel is a distinct asset for the home; often being the means of selling the home for those who build to sell.

Mr. Sarsi has devoted a life time to his art, having studied abroad in the finest schools of Europe. There at the feet of the Masters of the ages he has drawn his inspiration. His service, experience, advice and art are at the disposal of those who seek for the finest in these lines.

Examples of Mr. Sarsis' decorative products will be found in most of the homes and grounds of our finest residences, and restricted residence tracts. Work has just been completed on four lions which are to guard the approaches to the Modesto Bridge now nearing completion of which Leonard and Day were the Engineers.

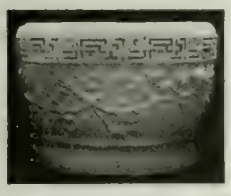
A visit to these studios is well worth the time of our Architects and Owners. The illustrations on these pages, give but a hint of what may be seen at Mr. Sarsi's Studios.



A Decorative Panel.



Garden and Hall Bench.



The Olive Leaf Pot.



Bench in Pompeian Stone

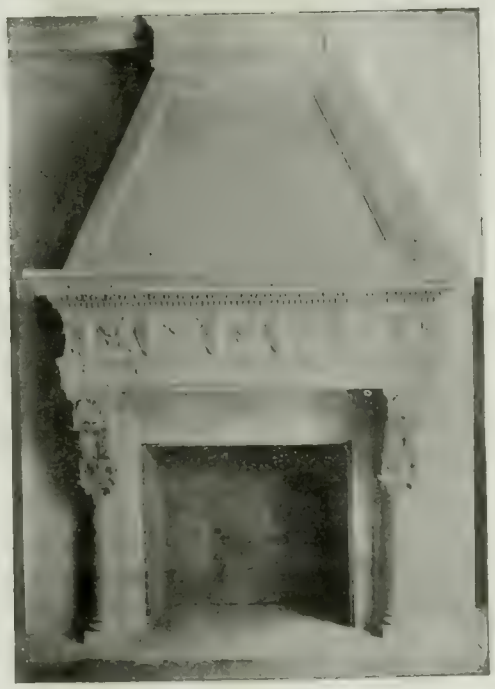


Bird Bath.

SARSI STUDIOS

359-361-363 Golden Gate

Phone Market 2970



A Mediaeval Mantel Piece



A Florentine Vase

SARSI STUDIOS

359-361-363 Golden Gate Ave.

Phone Market 29[illegible]

Contractor..E. Pagano, 303 Lombard, San Francisco.
Filed Mar. 29, '17. Dated Mar. 21, '17.
Frame up $1237.50
Brown coated 1237.50
Completed and accepted 1237.50
Usual 35 days..... 1237.50
TOTAL COST, $4950.50
Bond, $2475. Sureties, N. Caprile and E. Cicerone. Limit, 90 days after Mar. 26. Forfeit none. Plans and specifications filed.

CLASS "C" STORES
(878) S CLAY 25 E Drumm E 25x8 59-9. All work for one-story and basement Class "C" stores.
Owner.....Jas. McCarty.
Architect...O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor..Peter Hamilton, Russ Bldg. San Francisco.
Filed Mar. 29, '17. Dated Mar. 28, '17.
Walls up to street level....$1247.25
Brick work up to ceiling level 1247.25
Completed and accepted..... 1247.25
Usual 35 days..... 1247.25
TOTAL COST, $4989.00
Bond $2500. Surety, New Amsterdam Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCES
(879) S GREEN 110 W Franklin. All work for two two-story frame residences.
Owner.....P. J. Martin Estate Co.
Architect...Austin & Sanford, 1023 Hearst Bldg., S. F.
Contractor..A. Cederborg & A. H. Anderson, 1445 E-37th, Okd.
Filed Mar. 29, '17. Dated Mar. 28, '17.
Frames finished ..... ——
1st coat plaster finished..... ——
Completed and accepted..... ——
Usual 35 days..... ——
TOTAL COST, $8885
Bond, $4442.50. Surety, Massachlsetts Bonding & Insurance Co. Limit, 100 days after April 2, 1917. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(880) W TWENTY-FIFTH AVE 225 N Clement. Two-story and basement frame (2) flats.
Owner.....Johnson & Johnson, 844 14th, San Francisco.
Architect...None.
Day's work. COST, $4750

FRAME FLATS
(881) W TWENTY-FIFTH AVE 200 N Clement. Two-story and basement frame (2) flats.
Owner.....Johnson & Johnson, 844 14th, San Francisco.
Architect...None.
Day's work. COST, $4750

RETAINING WALL
(882) NOS. 735-737 BATTERY. Construct retaining wall.
Owner.....Geo. H. Mostock et al, 18 Post, San Francisco.
Architect...None.
Contractor..Petterson & Persson, 62 Post, San Francisco.
COST, $442

FRAME DWELLING
(883) E BURROWS 120 N Goettingen. One-story and basement frame dwlg.
Owner.....Herman Perrone, 71 Pennington, San Francisco.
Architect...None.
Contractor..Geo. Langdon, 3729 26th, San Francisco.
COST, $600

FRAME DWELLING
(884) S SEVILLE 215 E Cordova. One-story and basement frame dwlg.
Owner.....Victor Bjorkman, 1206 Naples, San Francisco.
Architect...None.
Day's work. COST, $1900

ALTERATIONS
(885) NO. 239 SIXTH. Alter restaurant
Owner.....C. Geffrees, Premises.
Architect...None.
Contractor..G. Vlas, 351 3rd, S. F.
COST, $400

CONCRETE APARTMENTS
(886) E VALENCIA 200 N 14th. Four-story and basement concrete (30) apartments.
Owner.....J. B. Nuttman and W. J. Dowling, 576 Guerrero, San Francisco.
Architect...C. O. Clausen, Hearst Bldg., San Francisco.
Day's work.. COST, $30,000

ALTERATIONS
(887) N POST 220 W Fillmore W 55x N 137-6. Excavation, cement, brick, patent chimneys, steel, terrazzo, staff ornament, marble, tile, carpenter, mill, hardware, sheet metal, fire escapes, glazing and plastering for alterations to two three-story and basement frame flats into apartments
Owner.....Charlotte Chariot and Josephine Delbex.
Architect...C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor..V. Filippis, 1526 Powell, SanFrancisco.
Filed Mar. 30, '17. Dated Mar. 15, '17.
Partitions set $1973.75
Ready for inside finish..... 1973.75
Completed and accepted..... 1973.75
Usual 35 days..... 1973.75
TOTAL COST, $7895.00
Bond, $3950. Surety, New Amsterdam Casualty Co. Limit, 100 days from Mar. 31. Forfeit, none. Plans and specifications filed.

(888) STEAM HEATING ON ABOVE.
Contractor..Wittman-Lyman Co., 341 Minna, San Francisco.
Filed Mar. 30, '17. Dated Mar. 15, '17.
Roughed in $456.50
Completed and accepted..... 440.00
Usual 35 days..... 295
TOTAL COST, $1192.00
Bond, $596. Surety, Fidelity & Deposit Co. of Maryland. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(889) ELECTRICAL WORK ON ABOVE
Contractor..Eagle Elec. Co.
Filed Mar. 30, '17. Dated Mar. 15, '17.
Foughed in and tested.....$375
Completed and accepted..... 375
Usual 35 days..... 250
TOTAL COST, $1000
Bond, $500. Sureties, S. J. Steiner and J. I. DuFraue. Limit, without delay. Forfeit, none. Plans and specifications filed.

(890) PAINTING, TINTING, PAPERing, etc., on above.
Contractor..Fusan Bros., 512 Vallejo, San Francisco.
Filed Mar. 30, '17. Dated Mar. 15, '17.
50% work done.....$420
Completed and accepted..... 420
Usual 35 days..... 280
TOTAL COST, $1120
Bond, $560. Surety, Fidelity & Deposit Co of Maryland. Limit, without delay. Forfeit, none Plans and specifications filed.

(891) PLUMBING AND GAS FITTING on aboce.
Contractor..Gus May, 3670 18th, S. F.
Filed Mar. 30, '17. Dated Mar. 15, '17.
Roughed in and tested.....$1332.00
Completed and accepted..... 1330.50
Usual 35 days..... 887.50
TOTAL COST, $3550.00
Bond, $1775. Sureties, Mrs. B. Kirby and Louis May. Limit, without delay. Forfeit, none. Plans and specifications filed.

(892) ELECTRIC ELEVATORS ON above.
Contractor..Otis Elevator Co., Beach & Stockton, San Francisco
Filed Mar. 30, '17. Dated Mar. 15, '17.
On shipment of engine..... ½
Engine in position..... ¼
Running order ..... ¼
TOTAL COST, $1725
Bond, limit, forfeit, none. Plans and specifications filed.

(893) OIL BURNING SYSTEM ON above.
Contractor..Fess System Co., Inc., 218 Natoma, San Francisco.
Filed Mar. 30, '17. Dated Mar. 15, '17.
Completed $525
Usual 35 days..... 175
TOTAL COST, $700
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(894) E BOSWORTH 100 N Diamond. Alter and add to dwelling.
Owner.....John Boyle, 622 Bosworth, San Francisco.
Architect...W. G. Hind, 46 Kearny, San Francisco.
Day's work. COST, $600

ALTERATIONS
(895) NO. 7 SONOMA PLACE. Alter tenements.
Owner.....B. Corbelli, Premises.
Architect...None.
Contractor..Jensen & Fantanell, 550 Vallejo, San Francisco.
COST, $515

RETAINING WALL
(896) SW BATTERY & BROADWAY. Concrete retaining wall.
Owner.....Miss F. M. Danforth, 2027 Broadway, San Francisco.
Architect...None.
Contractor..Victor Stanquist, 180 Jessie, San Francisco.
COST, $600

ALTERATIONS
(897) NW PINE AND SANSOME. Tile and plaster offices.
Owner.....Royal Insurance Co., Ltd., Premises.
Architect...None.
Day's work. COST, $600

ALTERATIONS
(898) NOS. 1880-1884 MISSION Alter front.

Owner .....Louis Roesch Co., 1556 Mission, San Francisco
Architect ...None.
Contractor..S Levi, 213 7th, S F.
COST, $500

FRAME DWELLING
(899) W SIXTH AVE 150 S Geary. Two-story and basement frame dwelling.
Owner.....Oscar Heymen & Bro., 742 Market, San Francisco.
Architect ...None.
Day's work. COST, $2900

CONCRETE WORK, ETC.
(900) GOLDEN GATE PARK. Reinforced concrete, steel, terra cotta, cement plaster, glass, mill work, etc., for Museum building.
Owner.....M. H. De Young, Chronicle Bldg., San Francisco.
Architect ...Louis C. Mullgardt, Chronicle Bldg., S. F.
Contractor..Lindgren Co., Monadnock Bldg., San Francisco.
Filed Mar. 31, '17. Dated Mar. 23, '17.
When steel delivered.....$ 5,000
Concrete work completed..... 15,000
Terra cotta walls and partitions set 6,000
Roofed, skylights, glazing completed 10,000
Completed 12,000
Usual 35 days.....Balance
TOTAL COST, $62,780
Bond, none. Limit, 200 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(901) S UNION 27-6 E Taylor E 27-6 xS 75. All work except shades, light fixtures and finish hardware for two story and basement frame flats.
Owner.....Giacomo Parma, 719 Filbert, San Francisco.
Architect ...Paul F. De Martini, 2123 Powell, San Francisco.
Contractor..Paul De Martini & Co., 2869 Octavia, San Francisco
Filed Mar. 31, '17. Dated Mar. 28, '17.
Roof on $1500
Brown coated 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, $6000
Bond, $3000. Sureties, Jas. Raggi and A. Pedrinni. Limit, 90 days from Mar. 29. Forfeit, $5. Plans and specifications filed.

LEASE

SAN FRANCISCO COUNTY.

Mar. 26, 1917—N SUTTER 181-6 W Powell N 137-6 W 21-5½ S to pt on N Sutter 207-2½ N Powell E 25-8½. Hill Tolerton to Hill Tolerton Print Rooms, Inc.

Mar. 26, 1917—NW MARKET 117 SW from S Reservoir SW 25xNW 100. Kate A and Chas Benson to The Moxey Realty Co. 3 years. $900 and option to purchase.

Mar. 29, 1917—SE WALLER & STANyan E 132-3 S 100 W 25 N 25 W 106-3 N to beg H P Heggerty to G H Connolly. 5 years. $150 per month

NOTICE OF NON-RESPONSIBILITY.

SAN FRANCISCO COUNTY.

Mar. 27, 1917—CLIFF HOUSE plot Cliff House Stables and other lands south of Cliff House. Emma L Merritt, extrx Estate Adolph Sutro dec'd as to improvements on leased property .....

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED

Mar. 24, 1917—S FIFTEENTH AVE 202-5 S Balboa S 25-7x120. Anderson & Johnson to whom it may concern.....Mar. 24, 1917

Mar. 24, 1917—W TENTH AVE 175 S Balboa S 25x120. Alfred T or A T Morris to whom it may concern.. .....March 22, 1917

Mar. 24, 1917—W ELEVENTH AVE 200 S Anza S 25x120. Alfred T or A T Morris to whom it may concern .....March 22, 1917

Mar. 24, 1917—E THIRTEENTH AVE 90 N Cabrillo N 27-6xE 120. Margaretha J Koenig to whom it may concern.....Mar. 20, 1917

Mar. 26, 1917—NW TWENTY-fourth and Castro W 80xN 50. J C Bateman representing R O'Connor to National Elec Co, Feb 20; V J Donovan..... ...Feb. 24, 1917

Mar 26, 1917—E MONTGOMERY 105-5 S Union 91-8. Assunta Ferretti to C Rosina & Co.....Mar. 26, 1917

Mar. 26, 1917—W NINETEENTH AVE 250 S Geary 25x100. Lloyd P Ham to whom it may concern.Mar. 26, 1917

Mar. 26, 1917—E FIFTEENTH AVE 176-10 S Balboa S 25-7x120. Anderson & Johnson to whom it may concern.....Mar. 24, 1917

Mar. 27, 1917—W THIRTY-FOURTH Ave 225 S Balboa S 50xW 120. Leigh & Schultz to whom it may concern.....Mar. 24, 1917

Mar. 27, 1917—W CHURCH 61-6 S Cumberland S 27-6xW 75. Victor L C Sutherland to John J Binet Co .....Mar. 27, 1917

Mar. 27, 1917—NE PAGE AND STANyan 25x100. Henry Schultz to Fred Weismann.....Mar. 27, 1917

Mar. 27, 1917—S REGENT Lot 15 Blk "B." Johan Knudsen to whom it may concern.....Mar. 1, 1917

Mar. 27, 1917—W TWENTY-FIFTH Ave 250 S "T" S 25xW 120. Chas F Gartside to whom it ma yconcern.....Mar. 27, 1917

Mar. 27, 1917—SE SEVENTEENTH and Mission S 110xE 162-6. I I and B C Brown to Macdonald & Kahn .....March 27, 1917

Mar. 27, 1917—NW ASHBURY AND Fell N 100xW 56-3. Edw G Fischer to City Protective Electric Co..... .....March 26, 1917

Mar. 28, 1917—NW SEA CLIFF AVE and 27th Ave being Lot 76 and lands adjacent thereto on W of Sub 1 Sea Cliff. Mary E Doble to whom it may concern..Mar. 21, 1917

Mar. 28, 1917—SW MARKET 75 W 8th W 200. James Otis Trustee by Agent G Alexander Wright to Roberts Mfg Co.....Mar. 24, 1917

Mar. 28, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de L Welch to Vincent J Donovan.... .....March 27, 1917

Mar. 28, 1917—LOTS [illegible] and 8 Blk 3190, Westwood Park Williams and Francis Smith to Smith Bros. ... ... Mar. 26, 1917

Mar. 28, 1917—SIXTEENTH AND Illinois. Associated Oil Co to Gutleben Bros Mar. 5, 1917

Mar. 28, 1917—SE DRUMM & CLAY E 25xS 59-9. George A Webster C E Lamburth. . .Mar. 24, 1917

Mar. 28, 1917—NW MASON & ELLIS N 60xW 97-6. Jennie M Blair to whom it may concern..Mar. 22, 1917

Mar. 28, 1917—S PACIFIC 137-6 W Sansome W 68-9xS 137-6. Henry Carileaud to Trevia & Pasqueletti .....March 17, 1917

Mar. 29, 1917—LOT 148 Heyman Tract No. 10 Hoffman Ave. J M Darcy, gdn to J M Higgins. ...Mar 28, 1917

Mar. 29, 1917—E THIRTY-FIFTH Ave 200 S Geary S 50xE 120. William Klute and C H Baker to T E Mohler.....Mar. 28, 1917

Mar. 30, 1917—W CASTRO 270 N 18th. Peter or P Maggiora to G Moriconi .....March 27, 1917

Mar. 30, 1917—LOT 47 SUB 1, Seacliff. John E Cazes to Allen & Co..... .....March 29, 1917

Mar. 30, 1917—N BUSH 68-9 W Grant Ave N 68-9xW 137-6. Great Western Power Co to G P W Jensen .....Mar. 23, 1917

Mar. 30, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de L Welch to Butte Eng & Elec. Co.. .....March 29, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Mar. 24, 1917—W MADRID & PERU NW 75xSW 75. Jennie Preston, Admx Estate Frank O Preston, dec'd vs H E and T W McArthur $85

Mar. 24, 1917—W SECOND AVE 200 S Cornwall S 25xW 120. Swift & Co vs Carl Larson and J W Redo $209.16

Mar. 28, 1917—N TWENTY-FIFTH 186 E Diamond E 27-4xN 114. P Grassi & Co vs C Trifiletti and Rudolph Ruff $69.35

Mar. 28, 1917—N TWENTY-FIFTH —— 25x100 No. 4266 25th. Albert Nelson vs Mr and Mrs Rudolph Ruff and C Tripeletti.....$70

Mar. 28 1917—E THIRD 125 N Townsend N 150xE 160. Burnham Plumbing Co, Inc vs Clinton Constr Co of California.....$1110.70

Mar. 30, 1917—S JACKSON 154-11 E Presidio Ave E 26xS 127-8¼. C J Warner vs Arthur J and Olga Laib .....$

Mar. 30, 1917—W SECOND AVE 200 S Cornwall S 25xW 120. Jas E Lennon Lime & Cement Co vs Chris Larsen $125.15

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Mar. 24, 1917—W COMMONWEALTH Ave 596-8 N Euclid Ave N 25xW [illegible] A P Konkel to Eileen A and Geo A Connolly & Hemminga Bros, Inc

Mar. 27, 1917—NW CASTRO [illegible] States N 25xW 100 [illegible] Markus and William Lehikoinen..

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 1 story and base, frame $4,500. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, C. G. Gillespie. Location, Northbrae. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, P. S. Walsh, 195 Rich street, Oakland. Location, north Rich street west Webster. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCES—6, 1 story and base, frame, $2,250 each. Oakland, Cal. Architect, Noble Newsom, San Rafael and Contra Costa avenues. Owner, Noble Newsom, San Rafael and Contra Costa avenues, Oakland. Location, Thousand Oaks Park. Each house will contain six rooms and bath. Separate garage. Plans complete and segregated figures being awarded.

RESIDENCE — 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, J. S. Mendenhall, 5025 Ygnacio avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1½ story and base, frame, $3,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, C. M. Blabon, 3424 Channing Way, Berkeley. Location, 272 Wildwood avenue. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

FRATERNITY HOUSE 2 story and base, frame and brick, $30,000. Berkeley, Alameda Co., Cal. Architects, F. Holberg Reimers and E. G. Bangs, Acheson Bldg., Berkeley. Owners, Sigma Nu. Location, Le Conte and Le Roy avenues. Will contain sixteen rooms and several baths. Plans are being prepared.

RESIDENCE — 1 story and base, frame, $3,500. Piedmont, Alameda Co., Cal. Architect, Chester H. Miller, First Savings Bank Bldg., Oakland. Owner, Mrs. Arthur Proctor. Location, Piedmont. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

GRADING, ETC.—Cost not stated. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. Bids will be opened on Apr 17th at 5 p. m. for the building of a pergola, grading cement approaches and foundation for unit No. 3 at the Lakeview Annex, situated at Perry and Van Buren streets.

STREET IMPROVEMENTS Cost as follows. Oakland, Cal. Engineer, City Engineer, Oakland. Owners, City of Oakland. The Oakland Commissioners have passed a resolution agreeing to appropriate approximately $100,000 for the paving of East 14th street, between 50th avenue and Stanley road, the southeastern boundary line of the city.

RESIDENCE — 2 story and base, frame. Cost not stated. Alameda, Alameda Co., Cal. Architect, Charles E. J. Rogers, Phelan Bldg., S. F. Owner, John Larson. Location, 1132 Broadway. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCES — 4 1 story and base, frame, $2,000 each. Oakland, Cal. Architect, none. Owner, R. K. Larsen, 1415 27th avenue, Oakland. Location, east 27th avenue north East 14th street. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE — 2 story and base, frame, $3,000. Oakland, Cal. Architect, none. Owner, E. L. Higgins, 5250 Miles avenue Oakland. Location, east Winsor avenue north Lake Shore. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

FACTORY—1 story, brick, $12,000. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, Jules Abrahamson. Location, east Broadway, between 26th and 28th, covering an area of 50 by 200 feet. Plans are being prepared.
ures being taken.

GARAGE—2 story and base, brick, $8,000. Oakland, Cal. Architects, Richardson & Burrell, Albany Bldg., Oakland. Owner, G. W. Burroughs. Location, Brook and Orchard streets. Plans are complete and owner is taking segregated figures.

STORES—1 story and base, brick, $5,000. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner's name withheld. Location, Broadway near 29th street, covering an area of 30 by 120 feet. Plans are being prepared.

Contract Awarded.

ELECTROLIERS Cost as follows San Leandro, Alameda Co., Cal. Engineer, Town Engineer, San Leandro. Owners, Town of San Leandro. Contractor, D. S. Tamplin, L. A. Contract price, $1,908.

FACTORY—1 and 2 story, steel, brick and concrete, $80,000. Emeryville, Alameda Co., Cal. Architect, Hiram K. Lovell, Monadnock Bldg., S. F. Owners, Air Reduction Co. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $80,000.

THEATRE AND STORES—1 and 2 story and base, reinforced concrete, $25,000. Oakland, Cal. Architect, none. Owner, J. S. Kimball, 775 Kingston avenue, Oakland. Contractors, Myers & White, 13th and Webster streets, Oakland

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
622	Newsom	Picard	——
623	Same	Foss	——
624	Same	Hunter	——
625	Blabon	Blabon	3000
626	Davey	Stewart	3500
629	Rose	Rose	2500
630	Hodgkins	Owner	150
631	Gorlier	Gorlier	400
632	Johnson	John on	100
633	St. Joseph'	Oakland Terra	100
634	Ros	Ros	18 0
635	Walsh	Walsh	1600
636	S. P. Co.	S. P. Co.	1365
638	Tong Sang	Allen	500
639	Marx	Banning	750
640	Auseon	Auseon	400
641	Sandstrom	Sandberg	2000
642	Coulter	Faulkes	1950
643	Carrier	Schmidt	2900
644	Morey	Holmes	24000
651	Doak	Christensen	14041
653	Le Noir	Le Noir	2500
654	MacKinnon	Owner	2500
655	Replogle	Sommarstrom	3500
656	Dean	Gunn	450
657	Higgins	Higgins	3000
658	Schnider	Gelder	1000
659	Same	Same	1000
660	Cabiati	Raineri	400
661	Hittle	Hittle	500
662	Dean	Dean	4980
663	Anderson	Anderson	1685
664	Straub	Straub	500
665	Hanlon	Hanlon	400
666	Larsen	Larsen	2000
667	Same	Same	2000
668	Same	Same	2000
669	Same	Same	2000
670	Same	Same	2000
671	Persons	Isakson	400
672	Brazil	Brazil	400
673	Larsen	Larsen	2000
676	Albers	Malott	——
677	Reining	Hyde	1600
678	Harlsen	Goodwin	500
679	Ratcliffe	Ratcliffe	400
680	Wright	Chambers	400
681	Sims	Sime	2000
682	White	Daly	600
683	Hart	Hart	2450

PLUMBING

(622) THOUSAND OAKS, Oakland. Plumbing for six one-story frame dwellings.

Owner.....Noble Newsom, San Rafael and Contra Costa Aves., Berkeley.

Architect ...Owner.

Contractor..Wm. H. Picard, 477 Hardy, Oakland.

COST, $——

(623) MILL WORK ON ABOVE.

Contractor..F. W. Foss, 1977 Center, Berkeley.

COST, $——

(624) LUMBER ON ABOVE.

Contractor..Hunter Lumber Co., Shattuck Ave and Ocean, Bkly

COST, $——

NOTE:—Buildings are to cost $2250 each.

FRAME RESIDENCE

(625) NO. 272 WILDWOOD AVE being Lot 31 Blk "F" Lakewood Park, Piedmont. One and one-half-story frame residence.

Owner.....C. M. Blabon, 3424 Chauncy Way, Berkeley.

Architect ...None.

Day's work. COST, $3000

DWELLING

(626) E LAKESHORE AVE 250 E Winsor, Oakland. Two-story 6-room dwelling.

Owner.....Thomas and Olive Davey, 1365 Filbert, San Francisco

Architect ...None.

Contractor..B. A. Stewart, 8 Fairview Ave., Piedmont.

COST, $3500

RESIDENCE

(629) N OAKLAND near Greenbank Ave., Piedmont. Five-room frame residence and garage.

Owner..... Mrs. E. Rose, 5801 Dover, Oakland.

Architect ...None.

Contractor..M. A. Rose, 5801 Dover, Oakland

COST, $2500

DWELLING
(630) NO. 561 TWENTY-FOURTH, Oakland. One-story 3-room dwlg.
Owner.....S. C. Hodgkins, Premises.
Architect ...None.
Day's work. COST $450

DWELLING
(631) NE MIDVALE AVE & KANSAS, Oakland. One-story 3-room dwlg.
Owner.....H. Gorlier, 3721 Magee Ave., Oakland.
Architect ...None.
Day's work. COST, $400

ADDITION
(632) NW SHAFTER AND CLIFTON, Oakland. Addition.
Owner.....W. M. Johnson, Premises.
Architect ...None.
Day's work. COST $400

ALTERATIONS
(633) W CHESTNUT bet. 7th and 8th, Oakland. Alterations.
Owner.....St. Joseph's Church, Prem.
Architect ...None.
Contractor..Oakland Concrete, Terrazzo & Mosaic Co., 2227 Market, Oakland.
COST, $400

DWELLING
(634) S E-THIRTY-SEVENTH 37 W 13th Ave., Oakland. one and one-half-story 6-room dwelling.
Owner.....C. A. annd M. Boss, 1168 53rd, Oakland.
Architect ...None.
Contractor..C. A. Boss, 1168 53rd Okd.
COST, $1800

DWELLING
(635) N RICH 180 W Webster, Oakland. One-story 5-room dwelling.
Owner.....P. S. Walsh, 495 Rich, Okd.
Architect ...None.
Day's work. COST, $1600

ALTERATIONS
(636) W BROADWAY 100 S ——, Oakland. Alter station.
Owner.....Southern Pacific Co., 13th and Broadway, Oakland.
Architect ...None.
Day's work. COST, $1365

ALTERATIONS
(638) NO. 383 NINTH Oakland Alterations.
Owner.....Tong Sang Co., Premises.
Architect ...None.
Contractor..L. W. Allen, 5521 Marshall, Oakland. COST, $500

ALTERATIONS
(639) NO. 468 CHETWOOD, Oakland. Alterations.
Owner.....A. H. Marx, Premises.
Architect ...None.
Contractor..Banning & Stewart Construction Co., 5204 Desmond, Oakland.
COST, $750

ALTERATIONS
(640) NO. 5832 E-FOURTEENTH Oakland. Alterations.
Owner.....John Auscon Premises.
Architect ...None.
Day's work. COST, $100

DWELLING
(641) E MAGNOLIA 235 N 34th, Oakland. One-story 5-room dwelling.
Owner.....Mr. Pietro [illegible] 3430 Magnolia, Oakland.
Architect ...None.
Contractor..E. Sandberg, [illegible] 14th, Oakland.
COST $[illegible]

DWELLING
(642) W EIGHTY-EIGHTH AVE [illegible] N Olive, Oakland. One-story 5-room dwelling.
Owner.....Mrs. E. G. Coulter, 2103 88th Ave., Oakland.
Architect ...None.
Contractor..John R. Faulkes, [illegible] E-14th, Oakland
COST, $1950

SHOP
(643) S FIFTH 110 W Jackson, Oakland. Two-story carpenter shop.
Owner.....John T. Carrier, 415 Third, Oakland.
Architect ...None.
Contractor..Peter N. Schmidt, 565 16th, Oakland.
COST, $[illegible]

APARTMENTS
(644) S GRAND AVE 270 N Harrison Blvd., Oakland. Three-story (3) 8-room apartments
Owner.....Chas. L. Morey, Dalziel Bldg., Oakland.
Architect ...Hiram K. Lovell, Monadnock Bldg., S. F.
Contractor..A. S. Holmes, 565 16th, Oakland.
COST, $24,000

ASSEMBLY BUILDING, ETC.
(645) NE FOURTH AND JACKSON N 126 E 132.8 S 46 W 92.8 S 80 W 40, Oakland. All work for 2-story assembly building and 3-story shipping department building (both galvanized iron).
Owner.....Doak Gas Engine Co., Madison bet. 4th and 5th, Oakland.
Architect ...Chester H. Miller, 1st Trust Bldg., Oakland.
Contractor..C. & H. J. Christensen, 237 Wayne Ave., Oakland.
Filed Mar. 28, '15. Dated Mar. 28, '15.
Frame assembly building up.$2492.75
Assembly building completed 2492.75
Frame shipping bldg. up.... 2772.25
Completed and accepted..... 2772.25
Usual 35 days..... 3511.00
TOTAL COST, $14,041.00
Bond, $7020.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 31 days. Forfeit, $25. Bonus, $5. Plans and specifications filed.

[illegible]
LOT 7 Nova Piedmont Piedmont
[illegible]-story 8-room frame dwelling
Mrs. W. H. Le Noir, 505 14th, Oakland.
Architect ...None
Contractor..Chas. N. Le Noir, 306 14th, Oakland.
COST, $[illegible]

[illegible] DWELLING
LOT 17 Nova Piedmont, Piedmont
[illegible] Two-story 6-room frame dwlg
[illegible] W. M. MacKinnon, 2220 San Pablo Ave., Oakland.
Architect ...None.
Contractor..Chas. N. Le Noir, 306 14th Oakland.
COST, $[illegible]

FRAME RESIDENCE
[illegible] LOT 31 BLK "B" Grand Ave Heights, Piedmont. One and one-[illegible]-story frame residence.
Owner.....C. S. Replogle, 673 42nd, Oakland.
Architect ...None.
Contractor..A. Sommarstrom, 109 Sunnyside Ave., Oakland.
COST, $[illegible]

GARAGE
(656) W EUCLID AVE 150 N Van Buren, Oakland. Garage.
Owner.....Mrs. C. B. Dean, 637 33rd, Oakland.
Architect ...None.
Contractor..J. F. Gunn, 839 Isabella, Oakland.
COST, $450

DWELLING
(657) E WINSOR AVE 130 N Lakeshore Ave., Oakland. Two-story 7-room dwelling.
Owner.....E. L. Higgins, 5250 Miles Ave., Oakland.
Architect ...None.
Day's work. COST, $3000

DWELLING
(658) N FORTY-SIXTH 150 E West, Oakland. One-story 3-room dwlg.
Owner.....J. Schnider, 732 46th, Okd.
Architect ...None.
Contractor..J. Gelder, 4525 West, Okd.
COST, $1000

DWELLING
(659) N FORTY-SIXTH 265 E West Oakland. One-story 3-room dwlg.
Owner.....J. Schneider, 732 46th, Oakland.
Architect ...None.
Contractor..J. Gelder, 4525 West, Okd.
COST, $1000

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DWELLING
(660) NO 890 FORTY-THIRD (rear), Oakland. One-story 2-room dwelling
Owner.....C Cabiati, Premises.
Architect ...None.
Contractor..D. Rainerl, 4125 Market, Oakland.
COST, $400

ADDITION
(661) NO. 2637 ORANGE AVE., Oakland. Addition.
Owner.....W. J. Hittle, Premises.
Architect ...None.
Day's work. COST, $500

DWELLING
(662) W EUCLID AVE 150 N Van Buren Ave., Oakland. Two-story 8-room dwelling.
Owner.....Mrs. C. B. Dean, 637 33rd, Oakland.
Architect ...None.
Contractor..J. F. Gunn, 839 Isabella Ave., Oakland.
COST, $4980

DWELLING
663) — ADAMS 75 N Buchanan, Albany. One-story 5-room dwelling.
Owner.....Bernard Anderson, 3669 18th, San Francisco.
Architect ...None.
Contractor..Edward Anderson, 536 Adams, Albany.
COST, $1685

(664) NO. 3236 FOOTHILL BLVD., Oakland. Alterations.
Owner.....Gustave Straub, Premises.
Architect ...None.
Day's work. COST, $500

(665) FOOT FIFTH AVE., Oakland. Addition.
Owner.....Hanlon Drydock & Shipbuilding Co., Premises.
Architect ...None.
Day's work. COST, $400

DWELLING
(666) E TWENTY-SEVENTH AVE 270 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1415 27th Ave., Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(667) E TWENTY-SEVENTH AVE 236 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1415 27th Ave., Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(668) E TWENTY-SEVENTH AVE 202 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1415 27th Ave., Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(669) E TWENTY-SEVENTH AVE 168 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1415 27th Ave., Oakland.
Architect ...None.
Day's work. COST, $2000

DWELLING
(670) E TWENTY-SEVENTH AVE 134 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1415 27th Ave., Oakland.
Architect ...None.
Day's work. COST, $2000

ADDITION
(671) NO. 3784 THIRTY-NINTH AVE., , Oakland. Addition.
Owner.....R. E. Persons, Premises.
Architect ...None.
Contractor..S. A. Isakson, 1464 55th Ave., Oakland.
COST, $400

ALTERATIONS
(672) NO. 3817 CANON DRIVE, Oakland. Alterations.
Owner.....Mrs. I. Brazil, 1214 7th Ave., Oakland.
Architect ...None.
Day's work. COST, $400

DWELLING
(673) E TWENTY-SEVENTH AVE 100 N E-14th, Oakland. One-story five-room dwelling.
Owner.....R. K. Larsen, 1415 27th Ave., Oakland.
Architect ...None.
Day's work. COST, $2000

FLOORING
(676) LAND AND APRON WHARF No. 1 at W end Seventh street in Key Route Basin, Oakland. All work for mastic flooring on west unit of wharf and dock building.
Owner.....Albers Bros. Milling Co., 3rd and Clay, Oakland.
Engineer ...R. M. Henningsen, Security Bank Bldg. Oakland.
Contractor..Malott & Peterson, Monadnock Bldg., S. F.
Filed Mar. 30, '17. Dated Feb. 21, '17.
On presentation of certificate of engineers as outlined in specincations .....
TOTAL COST, .065 per sq ft for 1st and 2nd floor and deck; .0675 if 2nd floor omitted.
Bond none. Limit, 50 days. Forfeit, plans and specifications, none.

(677) SW E-SEVENTEENTH 275 W 57th Ave W 33xSW 100, Oakland. All work for one-story 5-room dwelling.
Owner.....John Reining, 144 Broadway, Oakland.
Architect ...None.
Contractor..L. F. Hyde, 2745 26th Ave., Oakland.
Filed Mar. 30, '17. Dated Mar. 30, '17.
Frame up and roof on..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $1600
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

ALTERATIONS
(678) NO. 588 CHETWOOD, Oakland. Alterations and additions.
Owner.....—Harlsen, Premises.
Architect ...None.
Contractor..W. L. Goodwin, 237 Moss Ave., Oakland.
COST, $500

DWELLING
(679) NO. 729 LOUISIANA, Oakland. One-story 2-room dwelling.
Owner.....J Ratcliffe, Premises.
Architect ...None.
Day's work. COST, $400

GARAGE
(680) NO. 149 MONTE CRESTA AVE., Oakland. Garage.
Owner.....M. E. Wright, Premises.
Architect ...None.
Contractor..A. L. Chambers, Bacon Bldg., Oakland.
COST, $400

DWELLING
(681) S ARLINGTON AVE 45 W Genoa Oakland. One-story five-room dwlg.
Owner.....Wm. H. Sims, 1926 64th Oakland.
Architect ...None.
Day's work. COST, $2000

ADDITION
(682) NO. 455 THIRTY-FOURTH ST., Oakland. Addition.
Owner.....Mrs. H. White, Premises.
Architect ...None.
Contractor..E. B. Daly, 600 40th, Okd.
COST, $600

DWELLING
(683) W JEAN 160 S Monte Vista Ave., Oakland. Two-story six-room dwlg.
Owner.....Chas. D. Hart, 651 Jean, Oakland.
Architect ...None.
Day's work. COST, $2450

Building Contracts Awarded.

Berkeley

627	Sunlit	Stewart	13000
628	Eveleth	Pfrang	3000
637	Hutchinson	Kidder	1300
645	W'n Van	Owner	1000
650	Richardson	Sinclair	3500
674	Cutter	Sattin	7500
675	Sunlit Fruit	Stewart	13000

BRICK WAREHOUSE
(627) NO. 2446 FOURTH, Berkeley. One-story 1-room Class "C" brick warehouse.
Owner.....Sunlit Fruit Co., 112 Market, San Francisco.
Architect ...None.
Contractor..B. A. Stewart, 8 Fairview Ave., Piedmont.
COST, $13,000

DWELLING
(628) S BEVERLY PLACE 100 E Monterey, Berkeley. One-story six-room dwelling.
Owner.....J A. Eveleth, 2830 Hillegass, Berkeley.
Architect ...None.
Contractor..C. J. Pfrang, 5487 Claremont Ave., Oakland.
COST, $3000

GARAGE
(637) NO. 9 CANYON ROAD, Berkeley Double garage.
Owner.....Lincoln Hutchinson, Prem.
Architect ...None.
Contractor..Kidder & McCollough, 2075 Addison, Berkeley.
COST, $1300

(645) NO. 1507 SHATTUCK AVE., Berkeley. Alterations.
Owner.....Western Van & Storage Co., 2079 Addison, Bkly.
Architect ...Francis W. Reid, Concord.
Day's work. COST, $1000

DWELLING
(650) W FRESNO 130 S Monte Rey, Berkeley. One-story 7-room dwlg.
Owner.....E. E. Richardson.
Architect ...None.
Contractor..C. E. Sinclair, 919 Fresno, Berkeley.
COST, $3500

CLASS "C" BARN
(674) N GRAYSON — W Sixth, Berkeley. Two-story Class "C" barn.
Owner.....Cutter Laboratory, 6th & Grayson, Berkeley.
Architect ...None.
Contractor..H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $7500

BRICK WAREHOUSE
(675) 100x235 (as filed; see foot note), Berkeley. All work for one-story brick warehouse.
Owner.....The Sunlit Fruit Co., 112 Market, San Francisco.
Architect ...None.
Contractor..B. A. Stewart, 8 Fairview, Piedmont.
Filed Mar. 28, '17. Dated Mar. 19, '17.
Walls one-half up.....$3250
Roof on 3250
Completed 3250
Usual 35 days..... 3250
TOTAL COST, $13,000
Bond, $6500. Sureties, Charles Chubb and H. C. Poole. Limit, 70 days. Forfeit, $20. Plans and specifications filed.
NOTE:—Building to be located at No. 2446 4th St., Berkeley. 1st report March 27th. No. 627.

Building Contracts Awarded.

Alameda

646	So Shore	Litton	1000
647	Caldwell	Strang	1800
648	Same	Same	1800
649	Gomez	Turrell	1950
652	Mountanos	Fitch	400
684	Bruns	Swenson	1975

ALTERATIONS
(646) 839 PORTOLO AVE., Alameda. Alterations.
Owner.....South Shore Land Co., Bal-Bldg., San Francisco.
Architect ...None.
Contractor..R. B. Litton, 2326 26th Ave., Oakland.
COST, $1000

DWELLING
(647) NO. 1236 FOUNTAIN, Alameda. One-story 5-room dwelling.
Owner.....C. H. Caldwell, Los Gatos.
Architect ...None.
Contractor..F. N. Strang, 805 Pacific Ave., Alameda.
COST, $1800

DWELLING
(648) NO. 1232 FOUNTAIN, Alameda. One-story 5-room dwelling.
Owner.....C. H. Caldwell, Los Gatos.
Architect ...None.
Contractor..F. N. Strang, 805 Pacific Ave., Alameda.
COST, $1800

DWELLING
(649) E JAY 175 N Buena Vista Ave., Alameda. One-story 6-room dwlg.
Owner.....Antone Gomez. Premises
Architect ...None.
Contractor..H. N. Turrell, [illegible] Court Apts., Oakland
COST, $19[illegible]

RESTAURANT
(652) — WORK [illegible] E Webster, Alameda. One-story restaurant.
Owner..... E. E. Mountanos
Architect ...None.
Contractor..Chas. Fitch 2301 Webster, Alameda.
COST, $400

DWELLING
(684) N SAN JOSE AVE 38 W Mound W 36xN 120, Alameda. One-story dwelling.
Owner.....R. F. C. Burn[illegible] 1502 W Lynnut, Alameda.
Architect ...None.
Contractor..L. Swenson, 2242 Encinal Ave., Alameda.
Filed Mar. 31, '17. Dated Mar. 28, '17.
Frame up and roof on..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days ..... ¼
TOTAL COST, $1975
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

NOTICE OF NON-RESPONSIBILITY.

ALAMEDA COUNTY.

Mar. 31, 1917—SE THIRTEENTH Ave 75 SW E-15th SW 50xSE 142-6, Okd. Daisy Olsen as to improvements on leased property...

ARCHITECT'S CERTIFICATE.

Mar. 27, 1917—E Geoffrey Bangs has filed his certificate of Architecture for Alameda County.

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
Mar. 24, 1917—LOT 12 BLK 6 Map Justus M Hartwell to Frank S Spring.....Mar. 24, 1917
Mar. 24, 1917—LOT 2 Thornhill Park, Oakland. Leslie Houdlette to I Ariel Kellogg and O L Bergen.....March 24, 1917
Mar. 27, 1917—PTN LOTS 10, 11 AND 12 Blk 8 Map Northbrae, Oakland Tp. Carl E Sinclair to whom it may concern.....Dec. 22, 1916
Mar. 27, 1917—LOT 76 Map Resbdvn of Peralta Park, Bkly. J A Dieves to United Home Builders.Mar. 23, '17
Mar. 27, 1917—LOT 1 BLK 2 Map Solano Ave Terrace, ——. Francis M Lindamood to H H Schuessler.....March 26, 1917
Mar. 28, 1917—SW THIRTEENTH & Harrison Okd. C H King Estate Co to Schnebly, Hostrawser & Pedgrift.....Mar. 26, 1917
Mar. 29, 1917—E NINTH 217 N Snyder Ave N 50xE 150, Bkly. Salvatore Cuccia to Paulson & Marini.....Mar. 29, 1917
Mar. 29, 1917—E NINTH 217 N Snyder Ave N 50xE 150, Bkly. Salvatore Cuccia to Paulson & Marini.....March 29, 1917
Mar. 30, 1917—W END SEVENTH ST. in Key Route Bason, Okd. Albers Bros Milling Co to Masow & Morrison.....Mar. 30, 1917

[illegible] 430 N Tenth, Okd. [illegible]
March 26, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
Mar. 16, 1917—W SANTA CLARA [illegible] to right 40.04 SW 81.90 SE 40 NE [illegible], Okd. E. L. Walter vs Jos. Peralty et [illegible] $70.87
Mar. 19, 1917—LOT 76 Peralta Park, Berkeley. Hanna Lumber & Mill Co vs United Home Bldrs and James A Forbes $477.33
Mar. 21, 1917—E TELEGRAPH AVE 50 N 48th 25x100, Okd. M E Valente vs Thomas Mulvihill $505.45
Mar. 26, 1917—LOTS 25 AND 26 BLK "R" Amended Map Moss Tract, Okd. Wm F Doig (Centnry Elec Co) vs Emma Blome and C H Poppossi... $52.25
Mar. 28, 1917—LOT 15 in BLK 9 Map 4th Ave Heights, Okd. Hogan Lumber Co vs Rebecca A and H S Pratt $486.95
Mar. 28, 1917—LOT 15 BLK 9 Map 4th Ave Heights, Okd. Pacific Mfg Co, $176.40; Maxwell Hardware Co, $143.91 vs Rebecca A and Howard S Pratt .....

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT
Mar. 23, 1917—PTN LOT 8, Kellergerber's Map Sbdvn Plot 72, Okd. Heywood Lumber & Supply Co, $197.05; Rhodes-Jamieson Co, $23.65; Pacific Mfg Co, $83.40 to Maurice G and Bertha D Logan and C M Charuau
Mar. [illegible] 1917—LOT 17 BLK "F" Northbrae Terrace, ——. F. W. Foss Co to Velma C and Clarence E Condon and C Fleischer....$108.63
Mar. 28, 1917—NO. 4707 BROOKDALE Ave being Lot 2 and W 25 Lot 3 Blk "E" Map Orland Heights, Okd. Eureka Mill & Lumber Co to F A Scott, Flora and John Doe Vautier $54.62
Mar. 30, 1917—LOT 3 BLK "B" Excelsior Heights Tract, Okd. Panama Lumber & Mill Co to Oakland Investment Co et al $42.10
[illegible] 31, 1917 2.070 ACRES being ptn Lot 11 Duncan Cameron Tract, San Lorenzo. I E Florey to A J Arsenal .....$[illegible]

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE — 2 story and base, frame, $10,000. Menlo Park, Santa Clara Co. Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Morris. Will contain ten rooms and three baths. Separate garage. Plans complete and figures to be taken at once.

SEPTIC TANK, ETC.—Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Plans prepared by the County Engineer for the construction of a septic tank to take care of the sewage at the county farm and hospital were approved by the Supervisors at their last

meeting and the Clerk was instructed to call for bids. Further information may be had from the County Clerk.

RIVER IMPROVEMENTS—Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Engineer, County Surveyor, Santa Cruz. Owners, Santa Cruz County. The Santa Cruz County Supervisors have passed a resolution declaring their intention to form a protection district for the improvement and rectification of the channels and streams and water courses for the prevention of the overflow thereof by widening, deepening and straightening and otherwise improving the same. It is the intention of the Board of Supervisors to make the following improvement: That a dirt levee or embankment be constructed along and near the bank of the Salsipuedes Creek and the Pajaro River in the said district to restrain the flood waters and protect the lands in said district and the city of Watsonville from overflow, and also that all necessary underground pipes and conduits be constructed in and through said levee or embankment to carry the surface flood water in said district through the said levee or embankment to the said Pajaro River. H. H. Miller is County Clerk and from whom further information may be had.

SEPTIC TANK, ETC.—Cost not stated. Redwood City, San Mateo Co., Cal. Engineer, County Surveyor, Redwood City. Owners, San Mateo County. Bids will be received until April 16th at 10 a. m. for the construction of a sewage disposal works, consistinng of a septic tank, sub-surface drainage system, etc., on the County Hospital property.

Contract Awarded.

RESIDENCE — 2 story and base, frame, $7,785. Redwood City, San Mateo Co., Cal. Architect's name not given. Owner, Henry Martens. Contractor, Ludwig B. G. Koenig, 3525 19th street, S. F. Contract price, $7,785.

BUILDING CONTRACTS

SAN MATEO COUNTY.

BRICK EXTENSION

VISITACION STATION, Visitacion. All work for two stories steel and brick extension, planing mill, repair shop and freight car repair shop.

Owner.....Southern Pacific Rail Road Co., Flood Bld., S. F.

Engineer ...J. O. Barlow, Flood Bldg., San Francisco.

Contractor..Lange & Bergstrom, Sharon Bldg., San Francisco.

Filed Mar. 26, '17. Dated Mar. 19, '17.

Monthly payments of..... 75%

Usual 35 days..... 25%

TOTAL COST, $85,381

Bond, $43,000. Surety, The Aetna Accident & Liability Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE — 2 story and base, frame and concrete, $100,000. Oakville, Napa Co., Cal. Architect, Charles Peter Weeks, Phelan Bldg., S. F. Owner's name not given. Will contain fourteen rooms, three baths and conservatory. Separate garage and other buildings. Plans are being prepared.

RESIDENCE — 2 story and base, frame, $5,000. Richmond, Contra Costa Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. F. Brooks. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans are being revised.

RESIDENCES—12, 1 story and base, frame. Cost not stated. Benicia, Solano Co., Cal. Architect, none. Owner, D. A. Fowler, Richmond. Location, north East H street between 5th and 6th avenues. Each house will contain three rooms, bath and sleeping porch. Plans are complete and work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, $4,000. Santa Rosa, Sonoma Co., Cal. Architect, none. Ownner, L. W. Spaulding Santa Rosa. Location, 1414 4th street. Will contain eight rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

STREET IMPROVEMENT—Cost not stated. Fairfield, Solano Co., Cal. Engineer, City Engineer, Fairfield. Owners, City of Fairfield. Bids will be opened on April 10th for furnishing the labor and materials for the resurfacing of Texas street.

SEWER SYSTEM, ETC.—Cost not stated. Martinez, Contra Costa Co., Cal. Engineer as follows. Owners, City of Martinez. Prior to calling an election to vote bonds for the construction of a municipal water system and sanitary sewer system, the Board of Trustees has engaged Engineers Olmsted & Gillelen of Los Angeles to prepare estimates of cost, plans, etc., for the proposed work.

RESIDENCE — 2 story and base, frame, $5,000. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, 821 Bissell street, Richmond. Owner L. D. Spencer. Location, Burg Tract. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCE — 2 story and base, frame. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, 821 Bissell street, Richmond. Owner, H. W. Clear. Location, 17th street south Macdonald. Will contain seven rooms, bath and sleeping porch. Plans complete and figures being taken.

RESIDENCE — 1 story and base, frame, $1,600. Richmond, Contra Costa Co., Cal. Architect, none. Owner, W. E. Anderson, 441 13th street, Richmond. Location, Barrett avenue near 6th street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE — 1 story and base, frame, $1,600. Richmond, Contra Costa Co., Cal. Architect, none. Owner, W. H. Cohn, 152 South 5th street, Richmond. Location, 19th street near Virginio. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

BRIDGE—Steel and concrete. Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, Chief Engineer Northwestern Pacific Co., Phelan Bldg., S. F. Owners, Northwestern Pacific Railroad Co. Announcement is made here that the Northwestern Pacific Railroad will construct a new 600-foot bridge across the Russian River at Duncan's Mill. The structure will be of the deck girder type. Steel is now on the site, but construction will not be started for some time. Bids will probably be called for on the concrete work and steel erection.

SAND AND ROCK—Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Bids will be opened on April 6th for furnishing coarse and fine aggregate to be used in the construction of concrete highways, bridges and culverts during the year 1917.

ROAD IMPROVEMENT — Cost not stated. Martinez Contra Costa Co., Cal. Engineer, County Surveyor, Martinez. Owners, Contra Costa County. Bids will be opened on April 16th for grading 5,700 lineal feet of Division No. 7, of the county highway, as shown on plans accompanying said specifications.

STREET IMPROVEMENTS — Cost not stated. Rodeo Contra Costa Co., Cal. Engineer, County Surveyor, Rodeo. Owners, Town of Rodeo and Contra Costa County. The main street of the town will be improved. The county will construct oil macadam pavement by Day Labor, and property owners will construct concrete curbs and sidewalks by private contract.

STREET IMPROVEMENTS—Cost not stated. Calistoga, Napa Co., Cal. Engineer, City Engineer, Calistoga. Owners, City of Calistoga. The City Trustees have decided to pave Lincoln avenue and a portion of Washington street. The specifications call for a 5-inch concrete base and 1½-inch wearing surface of heavy oil and sand. Seventy-five per cent of the contract price is to be paid by property owners on the street and 25 per cent from an assessment on nall property within what is known as the sewer zone.

FIRE HOUSE—1 story, brick, $5,000. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 9th and Macdonald avenues, Richmond. Owners, City of Richmond. Location, Pullman Tract. Will contain apparatus room and living apartments. Plans are being prepared.

GARAGE—1 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, 821 Bissell street, Richmond. Owners, Richmond Garage Co. Location, Seventh and Chanslor streets. Plans complete and figures being taken.

SCHOOL ALTERATIONS — $2,500. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 9th and Macdonald avenue, Richmond. Owners, City of Richmond. This work will consist of building new sanitary building and alterations to the present plumbing. Plans are being prepared.

SCHOOL—2 story and base. Class C construction, $40,000. Healdsburg, Sonoma Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Healdsburg School District. Will contain ten rooms and an auditorium. Plans are being prepared.

THEATRE AND STORES—2 story and base, reinforced concrete, $35,000. Napa, Napa Co., Cal. Architect, L. M. Turton, Napa. Owners, Garibaldi Bros. Contractor, W. M. Coffield, 534 Franklin street, Napa. Contract price, $35,000.

Contract Awarded.

GARAGE—1 story and base, brick, $5,500. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 9th and Macdonald avenue, Richmond. Owner, Valentine Luba. Contractor, Mathew Morton, Builders' Exchange Bldg., Richmond.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

THIRD ST., bet. Maine and Virginia, Richmond. Frame cottage.
Owner.....C. S. Renwick, 420 Virginia, Richmond.
Architect ...None.
Contractor..Mathew Morton, Builders' Exchange, Richmond.
COST, $1500

SOITO AVE, bet. 24th and 25th Sts., Richmond. One-story frame cottage.
Owner.....D. Ericson, 2401 Soito Ave., Richmond.
Architect ...None.
Contractor..M. B. Roberts, 331 11th St., Richmond.
COST, $1700

BARRETT AVE., bet 6th and 7th Sts., Richmond. One-story frame cottage.
Owner.....N. E. Anderson, 111 13th St., Richmond.
Architect ...None.
Day's work. COST, $1600

COR. TWELFTH AND MACDONALD Ave., Richmond. One-story brick public garage.
Owner.....V. Luba, 247 Auzerais Ave., San Jose, Cal.
Architect ...J. T. Narbett, 906 Macdonald Ave., Richmond.
Contractor..Mathew Morton, Builders' Exchange, Richmond.
COST, $4900

NINETEENTH ST., bet. Maine and Virginia Sts., Richmond. One-story frame cottage.
Owner.....W. H. Conn, 152 S-5th St., Richmond.
Architect ...None.
Day's work. COST, $1500

COMPLETION NOTICES

MARIN COUNTY.

RECORDED ACCEPTED
Mar. 26, 1917—BELVEDERE. Tinnie I Estabrook to J Teilmann.....
.....March 20, 1917

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

FIREHOUSE—2 story and base Class C construction, $15,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, City of Fresno. Location, Van Ness avenue near Mono, covering an area of 38 by 100 feet. Plans are complete and bi-

RESIDENCE — 2 story and base, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owner, G. A. Walley, 135 Diana street, Fresno. Location, Arlington Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SEWER CONSTRUCTION — $30,000. Fresno, Fresno Co., Cal. Engineer, City Engineer, Fresno. Owners, City of Fresno. City Engineer C. C. Vel-

[illegible] specifications for the construction of sewers in 41 blocks of the Normal Heights and Fresno Heights Districts, Nos. 1 and 2. The plans will be considered at the next meeting of the City Trustees. According to the plans 30,000 feet of 6-inch and 10,000 feet of 8-inch sewer pipe will be required.

RESIDENCE, [illegible] and [illegible] frame, $16,000. Fresno, Fresno Co., Cal. Architect, Henry F. Starbuck, Rowell Bldg., Fresno. Owner, Wallace Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans are complete and contract has been started.

RESIDENCE—1 [illegible] and base, frame, $4,000. Fresno, Fresno Co., Cal. Architect, none. Owner, K. C. Buwaldo, 901 Mono street, Fresno. Location, Iowa Addition. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

STREET IMPROVEMENTS—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Engineer has been instructed to prepare plans and specifications for a street paving district, including D, E, and F streets between 19th and 20th streets, and the alley from D to F streets, between 19th and 20th streets.

GAS MAINS EXTENSION, ETC—Cost as follows. Hanford, Kings Co., Cal. Engineer's name not given. Owners, Hanford Gas and Power Co., Hanford. The Hanford Gas and Power Co. will commence work shortly in extending its gas mains in this city. High pressure mains, encircling the city, will be laid immediately, to which low pressure mains will be attached. The work will cost about $30,000, for which bonds were issued a short time ago.

SEWER SYSTEM, ETC—Cost not stated. Firebaugh, Fresno Co., Cal. Engineer, City Engineer, Firebaugh. Owners, City of Firebaugh. Bids will be received by the City Clerk up to 8 p. m. of April 17, 1917, for the purchase of the $9,500 sewer and [illegible] bond issue. There are 38 bonds of $250 denominations at 6 per cent interest. The funds will be used for constructing a sewer system and disposal plant and a water system to be used in connection with the same, and for improving supplying water for domestic uses. Certified check for 10 per cent required. C. W. Hawkes is the City Clerk.

ELECTROLIER SYSTEM—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. The City Engineer has been instructed to prepare plans and specifications for the proposed electrolier [illegible] ance with the petition presented to the City Council by property owners. Plans will be ready for adoption at the next meeting of the Council, when it is probable that bids for construction will be called.

APARTMENT HOUSE—2 story and base, brick, $50,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Damir Bros. and Chicago Furniture Co. Location, west J street between Kern and Inyo, covering an area of [illegible] feet. Will contain a store on the first

[illegible] Merced Co., Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., [illegible] Merced. Plans [illegible] Contract [illegible]

[illegible] and 2 story and base brick, $20,000. Visalia, Tulare Co., Cal. Architect, J. J. Rankin, Visalia. Owners, Congregational Church. Will contain [illegible] auditorium, Sunday school [illegible] social hall. Plans are being prepared.

CANNERY ADDITION—1 and 2 story, brick. Cost not stated. Salem, Fresno Co., Cal. Architect, none. Owners, Libby, McNeil & Libby Co., S. F. About [illegible] square feet of floor space will be [illegible] concrete floors laid, sewer connections installed etc. About 30,000 square feet of roof will be necessary.

IRRIGATION SYSTEM—$100,000. Merced, Merced Co., Cal. Engineer's name not given. Owners, Atwater Irrigation District. Shattuck & Edinger, Underwood Bldg., S. F., will start work shortly on the construction of irrigation systems in the Atwater and Livingston districts. The contracts amount to about $100 000 and have been held in abeyance for several months. Legal technicalities have been cleared up by a court decision .

RAILROAD CONSTRUCTION — Cost not stated. Porterville, Tulare Co., Cal. Engineer's name not given. Definite announcement has been made that the Porterville Northeastern Railroad will extend its lines from north of the Abode Station to serve two granite quarries and a number of orange groves to the east of Porterville. In connection with these plans it is also stated that surveys are being made for building another spur to the base of Magnesite Hill to serve the many new mines in that section. Appropriations have been made by the higher officials, rights of way secured and surveys completed for the branch line to the granite properties, and work will be started as soon as the necessary materials can be assembled.

ROUND HOUSE—1 and 2 story, brick or concrete, $200,000. Fresno, Fresno Co., Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Only preliminary sketches have been made and further mention will be made of this work.

STORES AND OFFICES—1 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Einstein Investment Co. Location, [illegible] between Van Ness and L streets, [illegible] Plans are being prepared.

Contract Awarded.

STREET PAVING—$9,535.15. Bakersfield, Kern Co., Cal. Engineer, City Engineer Bakersfield. Owners, City of Bakersfield. Contractors, Thompson Bros., 1514 H street, Fresno. Contract [illegible]

[illegible] reinforced concrete, $20,000. Fresno, Fresno Co., Cal. Architect, Eugene Mathewson, Cory Bldg., Fresno. Own-

ers, Universal Packing Co. Contractors, Trewhitt & Shields, Fresno. Contract price, $200,000.

RAILROAD EXTENSION—Cost not stated. Visalia, Tulare Co., Cal. Engineer's name not stated. Owners, Visalia Electric R. R. Co. Contractor, Oscar Ford, Riverside. Contract covers six miles of extension. Cost not stated.

SCHOOL AND SCHOOL ALTERATIONS—Brick and concrete. Cost as follows. Bakersfield, Kern Co., Cal. Architect, Orville L. Clarke, Bakersfield and Thomas B. Wiseman, Bakersfield. Owners, City of Bakersfield. Currie & Dulgar, Bakersfield, have been awarded the contract for the construction of the two new one-story, four-room brick schools also for the construction of an addition and making alterations to the Washington School. For the two new school buildings they bid $44,870, and for alterations and addition to the Washington School the bid was $39,550.

BUILDING CONTRACTS

FRESNO COUNTY.

BRICK DWELLING
SE ¼ OF SE ¼ OF SW ¼ OF SEC. 21-30-20, Fresno. All work for two-story brick dwelling.
Owner.....Geo. R. Andrews, 1st National Bank Bldg., Fresno.
Architect ...H. A. Thomas.
Contractor..S. L. Allen, 3404 Elmonte St., Fresno.
Filed Mar. 28, '17. Dated Mar .28, '17.
1st floor joists in.....$1000
Walls up 2625
Plastered 2625
Completed 2625
Usual 35 days..... 2625
TOTAL COST, $10,500
Bond, $5250. Sureties, M. L. Rowell and H. S. Duff. Limit, 130 working days. Forfeit, none. Plans and specifications filed.

DWELLING
E ½ LOTS 1, AND 2 BLK 17, Alta Vista Tract, Fresno. Dwelling and garage.
Owner.....C. H. Boucher.
Architect ...None.
Contractor..Alta Vista Homes Co.
COST, $4750

DWELLING
LOT 39 BLK 40 Villa Addition, Fresno. Dwelling.
Owner.....A. D. Ewing, 203 Abbey St., Fresno.
Architect ...None.
Contractor..Dan Blosser, 217 Abbey St., Fresno.
COST, $4200

DWELLINGS AND GARAGES
LOTS 34 TO 40 BLK "A," Iowa Addition, Fresno. Two dwellings and garages.
Owner.....K. C. Buwaldo, 901 Mono St., Fresno.
Architect ...None.
Day's work. COST, $3600

ALTERATIONS
LOTS 13 TO 16 BLK 85, Fresno. Alterations to store.
Owner.....A. D. Green, Jensen & West Sts., Fresno.
Architect ...None.
Contractor..A. Allen, 259 Blackstone St., Fresno.
COST, $3000

DWELLING AND GARAGE
LOT 5 BLK 24 Alta Vista Tract, Fresno. Dwelling and garage.
Owner.....Walter Schlein.
Architect ...None.
Contractor..J. B. Hart.
COST, $2800

DWELLING
LOTS 39 AND 40 BLK 1, Yosemite Addition, Fresno. Dwelling.
Owner.....Mrs. A. Shepherd.
Architect ...None.
Contractor..J. R. Church, 1221 U St., Fresno. COST, $2200

DWELLING
PTN LOTS 39 AND 40 BLK 5 Orchard Hill Addition, Fresno.. Dwelling.
Owner.....G. V. Martin, 1002 T St., Fresno.
Architect ...None.
Contractor..A. D. Wilkins, 264 Ivy St., Fresnno. COST, $1500

DWELLING
LOT 7 BLK 25 Alta Vista Tct, Fresno. Dwelling and garage.
Owner.....R. C. Burnham, 335 Poplar St., Fresno.
Architect ...None.
Contractor..Foster C. Wilson, 2705 Grant St., Fresno.
COST, $2260

NOTICE OF NON-LIABILITY

FRESNO COUNTY.

Mar. 24, 1917—NW ¼ OF SW¼ SEC 32, 20-15, Fresno. Emil Kreyenhagen et al as to improvements on leased property .....

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

RESIDENCE — 2 story and base, frame, $17,000. Sacramento, Cal. Architect, E. C. Hemmings, 1203 J street Sacramento. Owner, Mrs. G. W. Mills. Location, Yardley avenue near M St. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans complete and figures being taken.

STREET IMPROVEMENTS—Cost not stated. Eureka, Humboldt Co., Cal. Engineer, City Engineer, Eureka. Owners, City of Eureka. Bids will be opened on April 6th at 5 p. m. for street improvements authorized under the following resolution: That all of Buhme street, from Fairfield to O street, be graded; and that all of Garland street, from Buhne street to the north terminus of Garland street be graded.

STREET IMPROVEMENT—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council has adopted plans and specifications prepared by the City Engineer for the improvement of West street between Acacia and Vernal Way.

STREET IMPROVEMENTS—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer County Surveyor, Stockton. Owners, San Joaquin County. The County Engineer has completed a survey of the principal street in Escalon and will at once start plans for the paving of that thoroughfare. The work will be paid for by the county.

HIGHWAY IMPROVEMENT—Cost not stated. Sacramento, Cal. Engineer, County Surveyor Sacramento. Owners, Sacramento County. No bids were received by the County Supervisors for the Winding Way road in Fairoaks and the Board has instructed County Surveyor Drury Butler and Supervisor John Russi to construct the road.

STREET IMPROVEMENTS—Cost as follows. Stockton San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. The City Council has rejected all bids received for the improvement of streets in North Stockton, known as the McCloud Addition. Ehrhart & Greely of San Francisco were the low bidders for the work at $39,962.89. New bids for the work have been ordered received up to April 6th. Plans may be had from the City Clerk.

RESIDENCE — 1 story and base, frame, $2,000. Sacramento, Cal. Architect, none. Owner, W. P. Wright, 4818 48th street, Sacramento, Cal. Location, 4818 48th street. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

STREET PAVING—Cost as follows. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Within a few days the City Council will decide upon the material which will be used in the pavings of streets in South Stockton. The work will involve $300,000 or more. When bids are called, the work will be let under two contracts, according to reports.

STREET PAVING—Cost not stated. Stockton, San Joaquin Co., Cal. Engineer City Engineer, Stockton. Owners, City of Stockton. Supervisor Coates and County Surveyor F. E. Quail at a recent meeting with the City Council at Stockton decided that South street between Pilgrim and East streets, border streets of the city should be improved and plans for the work were ordered prepared. The expense will be borne by the county and city officials.

STREET IMPROVEMENTS — Cost not stated. Stockton, San Joaquin Co., Cal. Engineer, City Engineer, Stockton. Owners, City of Stockton. Bids will be opened on April 6th for street improvements authorized under the following resolution: That certain portions of West street be improved by grading; combined concrete curb gutters; concrete sidewalks 5 feet wide and 4 inches thick; paving the roadway with asphalt concrete 4 inches thick after rolling on a base of gravel of a cement nature 2 inches thick after rolling.

STREET IMPROVEMENTS—Cost as follows. Marysville, Yuba Co., Cal. Engineer, City Engineer, Marysville. Owners, City of Marysville. The Federal Construction Co., 323 Sharon Bldg., S. F., has been awarded a contract for paving in street districts 4 and 5. Their bids were 13.4 and 13.7 cents per square foot, respectively.

BANK ADDITION—1 story, brick. Cost not stated. Orland, Glenn Co., Cal. Architect's name not given. Owners, Bank of Orland. Location, Fifth and Orland streets, covering an area of 60 by 35 feet. Plans are being prepared.

JAIL ALTERATIONS $2,[illegible] Sacramento, Cal. Architect's name not given. Owners, Sacramento County. Siller Bros., 1614 13th street Sacramento, presented the lowest bid for this work and will be awarded the contract.

COTTAGES, ETC.- Cost as follows: Manteca, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Spreckels Sugar Co. J. A. Plecarpo, care of the architect, presented one of the lowest bids at $20,505 and will be awarded the contract. Following is a complete list of the bids received: E. W. Book, $21,605; Lamont & McDonald, $25,377; J. F. Shepperd $22,997; G. N. Haws, $23,975; V. Grey, $20,123; J. A. Plecarpo, $20,505; Dan Baysinger, $23,997; F. K. Check, $23,270.

SCHOOL ADDITION—1 story, frame, $9,000. Sutter City, Sutter Co., Cal. Architect, Chester Cile, Waterland Bldg., Chico. Owners, Sutter Union High School. The building will be used for a gymnasium and auditorium. Plans are complete and figures will be called for shortly.

SCHOOL—1 story, frame. Cost not stated. Larkin School District, Glenn Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Larkin School District. Will contain four class rooms and an assembly hall. Plans complete and bids to be opened on April 10th.

SCHOOL—2 story and base, brick and hollow tile, $80,000. Oroville, Butte Co., Cal. Architects, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Oroville Union High School. Will contain 18 class rooms and auditorium. Preliminary plans are being prepared.

STORE—1 story and base, brick, $3,000. Sacramento, Cal. Architect, none. Owner, A. W. Morris. Location, 1615 21st street, covering an area of 25 by 60 feet. Plans complete and work to be done by Day Labor.

BUILDING CONTRACTS

SACRAMENTO COUNTY.

STORES AND ROOMS
NO. 401 K ST., Sacramento. Two-story brick stores and rooms (iron frame metal marquise).
Owner.....Frank Grey, Premises.
Architect...None.
Contractor..Electrical Supply Co., 816 J St., Sacramento.
COST $600

FRAME STORE
NO. 1615 TWENTY-FIRST ST., Sacramento. One-story brick and frame store building.
Owner.....A. W. Morris.
Architect...None.
Contractor..A. W. Morris.
COST $2000

ALTERATIONS
NO. 1417 NINTH ST., Sacramento. Alter tenement house.
Owner.....F. H. Schardin, Forum Bldg., Sacramento.
Architect...None.
Contractor..Chas. Vanina, 2022 M St., Sacramento.
COST, $2700

FRAME DWELLING
NO. 1818 FORTY-EIGHTH ST., [illegible] mento. One-story 5-room and bath frame dwelling with [illegible] tion.
Owner.....W. P. [illegible]
Architect...None.
Day's work

ELECTRICAL WORK
LOT 5 AND E. [illegible] LOT 6 [illegible] 12th Sts., Sacramento. Electrical work, telephone and heating system plumbing, etc., for building.
Owner.....Masonic Temple Ass'n.
Architect...R. A. Herold, Forum Bldg., Sacramento.
Contractor..Latourette-Fical Co., 5th and Sacramento Ave., Sacramento.
Filed Mar. 21, '17. Dated M[illegible]

GLASS, ETC., ON ABOVE.
Contractor..W. P. Fuller & Co., 1010 Second St., Sacramento.
COST, $[illegible]

FURNISHING AND DRIVING CONCRETE piles on above.
Contractor..Teichert & Ambrose, Ochsner Bldg., Sacramento.
COST, $[illegible]

CONCRETE WORK ON ABOVE.
Contractor..Mathews Constr. Co., Forum Bldg., Sacramento.
COST, $172,607

STRUCTURAL STEEL & IRON WORK on above.
Contractor..The Palm Iron & Bridge Works, 15th and R Sts., Sacramento.
COST, $65,033

PASSENGER ELEVATOR, ETC., ON above.
Contractor..Otis Elevator Co., Beach & Stockton, San Francisco.
COST, $8200

PAINTING ON ABOVE.
Contractor..Schneider, Chappell & Jones, 615 J St., Sacramento
COST $[illegible]

FRAME DWELLING
NO. 4430 H ST., Sacramento. One-story five-room and bath frame dwelling with concrete foundation.
Owner.....J. R. Masters, 717 9th St., Sacramento.
Architect...None.
Contractor..W. R. Saunders, 2810 I St., Sacramento.
COST, $[illegible]

LOS ANGELES AND SOUTHERN CALIFORNIA.

[illegible] and base. [illegible] Pasadena. Location [illegible] Architect Frederick [illegible] Will contain 10 [illegible] special art build- [illegible] Plans complete and [illegible] Labor.

Beverly Hills, Los Angeles Co., Cal. Architect, Frank L. Meline, 6778 Hollywood avenue L. A. Owner, Mr. Weir. Location, Lexington avenue west Beverly Hills road. Will contain 15 rooms, [illegible] and separate garage. Plans [illegible] and work to be done by Day Labor..

RESIDENCE — 2 story and base, frame and hollow tile. Cost not stated. Los Angeles, Cal. Architect, Frank L. Me[illegible] [illegible] Hollywood avenue, L. A. Owner's name withheld. Location, Winsor Boulevard. Will contain 16 rooms and five baths. Separate garage and conservatory. Plans are being prepared.

RESIDENCE — 2 story and base, frame and hollow tile. Cost not stated. Oak Knoll, Los Angeles Co., Cal. Architect, G. Lawrence Stimson Co., 1211 Avoca street, Pasadena. Owner, H. R. Lyon. Location, Hillcrest avenue. Will contain fourteen rooms and three baths. Separate garage. Plans complete and work to be done by Day Labor.

SEWER SYSTEM—Cost not stated. Los Angeles, Cal. Engineer, County Surveyor, L. A. Owners, Los Angeles County. Bids will be received by the Board of Supervisors up to 2 p. m. of April 16, 1917, for constructing a sewer system at the County Farm near Downey. Plans may be obtained from the Clerk of the Board, Hall of Records.

TUNNEL CONSTRUCTION—Cost as follows. Los Angeles, Cal. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Twohy Bros. Co., Hobart Bldg., S. F., were the only bidders for the construction of the Hill street tun[illegible] [illegible] First to Third street, and for improving portions of other streets and public places at the following fig[illegible] [illegible] cents per square foot asphalt paving; 36 cents per square foot vitrified brick repaving; 18 cents per square foot asphalt repaving; 8 cents per square foot asphalt resurfacing; 35 cents per linear foot cement curb; 11 cents per square foot cement sidewalk; 50 cents per square foot granite

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block gutter, 4-in. storm drains and appurtenances, $6,000 sanitary sewer, $1,073,096 tunnel and appurtenances completed, including grading, $18,900 Second street grading; 9 cents per square foot sub-grading; $1.50 per linear foot granite curb.

SEWER CONSTRUCTION—Cost as follows. Los Angeles, Cal. Engineer, City Engineer, L. A. Owners, City of Los Angeles. Leo Miletich, 1018 East 40th street, L. A., has been awarded a contract at $16,900 for the construction of a sewer in Topaz street, from Huntington Drive to Galena street, and in portions of other streets.

CURBS AND SIDEWALKS—Cost as follows. Blythe, Riverside Co., Cal. Engineer, City Engineer, Blythe. Owners, City of Blythe. James Johnson, 1728 South Oxford Boulevard, L. A., was the lowest bidder and was awarded the contract for constructing approximately 30,000 linear feet of cement curb and 300,000 square feet of cement sidewalk on various streets. The contract amounts to about $35,000.

STREET IMPROVEMENT—Cost as follows. Long Beach, Los Angeles Co., Cal. Engineer, City Engineer, Long Beach. Owners, City of Long Beach. Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., L. A., was the lowest bidder at $50,976.08 for the improvement of portions of Anaheim street, between Daisy avenue and Orange avenue, and portions of Cedar avenue, between Anaheim and 14th streets, and portions of Cedar avenue, Lime avenue and other streets.

CHURCH—1 story and base, brick, $25,000. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Church. Location, West Washington near 7th avenue. Auditorium will seat 600 people. Sunday school rooms and social hall. Plans are being prepared.

BANK AND OFFICES—2 story and base. Class A construction, $75,000. Oxnard, Ventura Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, First National Bank. Location, A and 5th streets. Will contain the bank and offices. Plans are being prepared.

GARAGE AND AUTO SALES ROOMS—2 story and base, brick. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Louis Du P. Miller, St. Louis Bldg., Pasadena. Owners, Eason Realty Co. Location, Delacey and Colorado streets, covering an area of 110 by 50 feet. Plans are being prepared.

HOSPITAL ADDITION — 2 story.. Class C construction, $25,000. Long Beach, Los Angeles Co., Cal. Architects, J. M. Cooper and W. Douglas Lee, Marsh-Strong Bldg., L. A. Owner, Seaside Hospital Association. The addition will be in the form of a wing and cover an area of 34 by 100 feet. Plans are being prepared.

HOTEL ALTERATIONS AND ADDITIONS—4 story and base. Class A construction, $70,000. San Diego, San Diego Co., Cal. Architect, Eugene M. Hoffman, Spreckels Bldg., San Diego. Owners, Becker Bros. Location, 1048 Fourth street. The new addition will contain 60 rooms and baths. Plans are being prepared.

HOSPITAL—3 story, brick or hollow tile, $75,000. Los Angeles, Cal. Architect, F. H. Gentry, Union Oil Bldg., L. A. Owners, Independent Order of Foresters. Will be arranged for a main building and two, two-story wards. Plans are being prepared.

IRRIGATION—Cost as follows. El Centro, Imperial Co., Cal. The $10,000,000 irrigation project headed by Col. W. H. Holabird, F. H. Merrill, O. E. Freeman and W. B. Baker, all of Los Angeles, proposes to utilize 100,000 acre feet of Whitewater River and streams tributary to Baldwin Lake, for irrigating 20,000 acres in the Coachella Valley and 40,000 acres in the northwest section of the Imperial Valley, in addition to furnishing a domestic water supply to Imperial Valley. The plans comprise the construction of a cement lined open conduit 165 miles in length. Power plants to develop 80,000 H. P. are to be located, one at the south end of Morongo Valley and the other at Palm Springs.

Contract Awarded.

APARTMENT HOUSE—3 story and base, brick, $40,000. Los Angeles, Cal. Architects, Tifal Bros., South Park avenue, L. A. Owner, Henry Heilman. Contractors, Tifal Bros., South Park avenue, L. A. Contract price, $40,000.

STREET IMPROVEMENTS—$28,950. Chino, San Bernardino Co., Cal. Engineer, City Engineer, Chino. Owners, City of Chino. Contractor, George H. Oswald, O. T. Johnson Bldg., L. A. Contract price, $28,950.

LODGE HALL—3 story and base, brick, $50,000. Pasadena, Los Angeles Co., Cal. Architect, Cyril Bennett, Rendall Bldg., Pasadena. Owners, Odd Fellows' Hall Association. Contractor, William T. Loesch, 109 South Chester avenue, Pasadena. Contract price, $50,000.

STORES AND LOFTS—6 story and base. Class A construction, $200,000. Los Angeles, Cal. Architects, William Richards and W. J. Dodd, Brockman Bldg., L. A. Owners, J. S. Torrance and E. B. and H. L. Rivers. Contractors, Weymouth Crowell Co., 2026 West Ninth street, L. A. Contract price, $200,000.

PORTLAND AND OREGON.

RESIDENCE — 3 story and base, reinforced concrete $100,000. Portland, Ore. Architect, A. E. Doyle, Worcester Bldg. Portland. Owner, F. J. Cobb. Location, Portland Heights. Will contain twenty rooms, six baths and conservatory. Plans are complete and figures being taken.

HIGHWAY CONSTRUCTION — Cost as follows. Portland, Ore. Engineer, County Surveyor, Portland. Owners, Multnomah County. Bids opened by the County Commissioners for the paving of the St. Helens road for a distance of ten miles show the following as low bidders:

For Asphaltic Concrete No. 1 (Bitulithic) on Crushed Rock Base—Washington Paving Co., L. C. Smith Bldg., Seattle, construction, $178,960.32; maintenance, $2,589.60; total, $181,549.92.

For Asphaltic Concrete No. 1 (Bitulithic) on Concrete base, Warren Construction Co., construction, $230,791.17; maintenance, $321.11; total, $231,112.28.

For Asphaltic Concrete No. 2 on Crushed Rock Base—United Construction Co., for construction, $146,598.26; and Washington Paving Co., Seattle, for construction, $150,744.81; maintenance, $20,716.80; total, $171,461.61.

For Asphalt Concrete No. 2 on Concrete Base—Washington Paving Co., construction, $190,210.71; maintenance, $10,358.40; total, $200,569.12.

SEATTLE AND WASHINGTON.

HIGHWAY IMPROVEMENT — Cost not stated. Colfax, Wash. Engineer, County Surveyor, Colfax. Owners, Whitman County. Bids are being received by the Board of Whitman County Commissioners, A. R. Metz, Auditor, at Colfax, up to April 16th for the grading and graveling of Permanent Highway No. 12, between La Crosse and Dusty. Plans may be had from County Engineer J. M. McCaw at Colfax.

APARTMENT HOUSE—4 story and base, brick, $70,000. Seattle, Wash. Architect, Warren M. Miller, Haight Bldg., Seattle. Owners, P. D. Ehle and Sons. Location, Boylston and Olive avenues, covering an area of 68 by 100 feet. Plans are complete and figures being taken.

APARTMENT HOUSE—5 story and base, reinforced concrete, $150,000. Everett, Wash. Architect, A. B. Pracba, Post-Intelligencer Bldg., Seattle, and Warren W. Hastings, Everett. Owner, W. P. Bell. Location, Wall and Wetmore streets, covering an area of 120 by 125 feet. Will contain both single rooms and apartments of two and three rooms. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick, $60,000. North Yakima, Wash. Architects, Charles H. Bebb and Carl Gould, Denny Bldg., Seattle. Owner H. L. Calahan. Will cover an area of 100 by 130 feet. Stores on first floor. Plans are being prepared.

COLD STORAGE PLANT—3 story and base, reinforced concrete, $50,000. Selah, Wash. Architect, J. C. Corbin, American Bank Bldg., Seattle. Owners, Selah Fruit and Cold Storage Co. Contractors, Secnic Construction Co., Downs Block, Seattle. Contract price, $50,000.

GRAIN ELEVATOR ADDITION—Reinforced concrete, $90,000. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. Bids are being received by the Port of Seattle Commission for the construction of an addition to the public grain elevator which is estimated to cost $90,000. Bids close April 4th. Plans may be had from the Commission, Bell Street Dock, Seattle.

SCHOOL—1 story, brick, $35,000. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, Fauntleroy School District. Will contain six rooms and an assembly hall. Plans are complete and figures being taken.

SCHOOL—2 story and base, brick and tile, $50,000. Aberdeen, Wash. Architect, C. E. Troutmann, Aberdeen. Owners, School District No. 5. Besides the usual class rooms and auditorium, the building will contain departments for manual training and domestic science. Plans complete and bids to be opened on April 28th.

SCHOOL—3 story and base, brick, $90,000. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, Latoma School District. Will cover an

area of 14 by 200 feet. Plans are complete and bids will be called for shortly.

Contract Awarded.

APARTMENT HOUSE 5 story and base brick, $100,000. Seattle, Wash. Architect, W. P. White, Northern Bank Bldg., Seattle. Owners, Seneca Improvement Co. Contractor, Fred Hallett, Seattle. Contract price, $100,000.

APARTMENT HOUSE 3 story and base, brick, $85,000. Seattle, Wash. Architect, none. Owner, H. E. Hudson, 7619 Aurora avenue, Seattle. Contractors, Hudson Bros., 7619 Aurora avenue, Seattle. Contract price, $85,000.

CONDENSARY 1 and 2 story and base, hollow tile, $150,000. Mt. Vernon, Wash. Engineer, P. W. Schubert, Railway Exchange Bldg., Seattle. Owners, Dominion Commercial Co. Contractors, Fine & Gjarde, Northern Bank Bldg., Seattle. Contract price, $150,000.

WHAT IS A FLAT?

A flat is a place with no room for expansion, intellectual or chest.

It requires thin furniture and a narrow wife. The rooms are so small you have to walk sideways when you wear your winter clothing. And it's no place for a man with a stomach if you won't want the walls to bulge.

Newly initiated flat dwellers have to be carefully trained so they won't walk out in the back yard and fall off the fire escape.

When the fellow who said any old place he could hang his hat was home, sweet home to him went to live in a flat he kept his hat on and hung himself instead.

Life isn't much without a front porch and a back yard anyhow.

ALCOHOL NOT A STIMULANT.

"The tradition that alcohol was a stimulant and tonic and possessed some power to give new force and vigor to the cells and functional activity is a thing of the past. Studies of exact science in the laboratory show that alcohol is a depressant, anesthetic and narcotic; also that its first effects on the sensory centers are to diminish their acuteness and pervert their activity. In this way they delude the victim with a consciousness of vigor and strength that is contradicted when tested by instruments. The first effect of alcohol, increasing the heart's action and sending the blood to the brain with greater velocity, is simply irritation, preceding the anesthesia and diminution of power, which follows. The patient is deceived. His consciousness of mental clearness and strength is unverifiable, and yet he does not know it."—Dr. T. D. Crothers, Walnut Lodge Hospital.

TO AID ALASKA'S INDUSTRIES.

WASHINGTON, March 30.—With the object of quickening the industrial development of Alaska that is expected to follow the building of the Government railway there, the Interior Department, through its Bureau of Mines, has recently made a number of tests as to the quality of the mineral resources there with encouraging results.

A quantity of lignite, a type of low-grade coal that does not stand transportation because of its tendency to dry up and blow away, was shipped in water-tight sacks to the bureau from the Nenana field with the purpose of finding out whether or not it could be manufactured into briquets and made available for shipment.

According to a report made to Van H. Manning, Director of the Bureau of Mines, this lignite was not only briquetted successfully, but it was found to contain in this form nearly double the heating and steaming value of the original lignite.

"The bureau's experts also found," said Mr. Manning, "that these briquets have between 80 to 90 per cent the heating and steaming value of our highest grade bituminous coals. Where the price of coal is high and the difficulties and cost of transportation considerable, as in Alaska, it seems to me, from the results obtained, the briquetting of this coal deserves very careful and favorable consideration. In the making of these briquets, the gas has been extracted. If this gas could be used at the briquet plant, there would still be further economic advantage. The report indicates the possibilities in the development of the Nenana coal fields through the use of the briquets on the Government railway, for the steamboat trade and for power at the mines of Central Alaska.

"With the same object in view, the development fo Alaska industrially, the bureau recently analyzed a quantity of Alaska crude petroleum and found it to be a high grade, refinable product, containing over 30 per cent gasoline, considerable quantities of wax and lubricants and only a moderately small percentage of asphalt. The oil sampled was one of the most valuable crudes the bureau has received from any field except the Appalachian."

HOME LEAGUERS VOICE PATRIOTISM.

There was a sudden outburst of patriotism at the Home Industry League luncheon in the Palace Hotel Thursday noon. While no demonstration had been planned, and no flags of any kind were in evidence, the unusually large gathering rose to their feet instantly and almost drowned the voice of Prima Donna Aldrich when she started to sing, as on encore, "The Star Spangled Banner." Madame Aldrich had been singing old-fashioned ballads for the lunchers between the speeches.

California Bankers too Conservative.

Miner Chipman, the efficiency expert of Boston, told the factory-owners some straight truths. He insisted that California industries would never come into their own until the banks and trust companies doing business in California woke up to the need of their "financing" california enterprises, instead of compelling California business men to go East for money when they needed to enlarge their plants.

League to Sue City.

Mr. A. C. Rulofson, chairman of the executive committee, announced that the League's special attorney, John L. McNab, has rendered an opinion to the effect that the city's charter was violated when the Board of Supervisors awarded the contract for five city [illegible] to an Eastern firm when the California firm had submitted lower bids and filed regular bonds for fulfillment of contract. As a result the League will immediately begin injunction proceedings against the city to prevent its paying out the money for the Eastern concern's trucks when they arrive for delivery to the city engineer.

To Back Ad Club's Ball.

The League voted to co-operate with the San Francisco Ad Club in pulling off the big Ad Masque at the Civic Auditorium to raise funds for bringing to San Francisco the 1918 convention of the Associated Ad Clubs of the World.

STATE WATER COMMISSION.

Applications have been made to the State Water Commission for permission to appropriate water as follows:

The Plumas Grass Valley Mines Company, of San Francisco—2 cubic feet per second of the waters of the South Fork of the Feather River in Plumas county for the development of power to be used in mining. The total fall to be utilized is given as 250 feet, and it is proposed to develop 50 theoretical H. P. A ditch and pipe line 4000 feet in length are proposed to carry the water from the point of diversion to the place of use and the estimated cost is given at $4000.

C. Howard Merritt of Oakland—3 cubic feet per second of the waters of Loco Creek in Inyo county for irrigation purposes. Applicant proposes as part of his works a dam 49 feet high, 200 feet long on top and 10 feet at bottom of earth construction with concrete core and a ditch approximately one and one-half miles long. The application sets forth that the plan of applicant is to collect the water in the creek during the night for use in the day when the flow is low. It is intended to irrigate 80 acres.

R. E. Steele, incorporated, of Swanton and Pescadero—5 cubic feet per second of the waters of Green Oaks Creek in Santa Cruz county for the irrigation of 400 acres of land. The proposed works consist of a timber cribbing and earth dam 10 feet high, 40 feet long on top and 10 feet at bottom and a flume a mile long. The estimated cost is $2500.

H. G. Cannon of Sweetwater, Mineral county, Nevada—5 cubic feet per second of the waters of Green and Ferris Creeks, tributary to West Walker river in Mono county for mining purposes. The proposed diversions are to be made by means of two rock or concrete dams and two conduits, each two miles in length.

CONSTRUCTION WORK ABROAD

PANAMA.

Proposed Railroad in Consular District of Colon.

It is announced that an American citizen long resident in Panama has obtained a concession to build a narrow-gauge railroad from the old town of Chagres on the Chagres River, [illegible] 10 miles west of Colon to the new town of Almirante in the Province of Bocas del Toro, from which the United Fruit Co. makes large [illegible]

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SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

ments of bananas to the United States. The projected line, which is to be called the Chagres-Almirante Railroad, will run through the western half of the Province of Colon, the northern part of Veraguas, the northeastern part of Chiriqui, and the eastern half of Bocas del Toro. For the entire distance, estimated at 175 miles it will be in the consular district of Colon. For almost the whole distance the proposed road would pass through virgin territory, where there is much fertile land, a good deal of valuable hard timber, and probably valuable mineral deposits. The building of this road would certainly hasten the settlement of the country contiguous to it, which at present lacks any sort of roads and suffers the further disadvantage of having no good harbors between Colon and the town of Bocas del Toro, near Almirante, the only one worth mentioning, having only 14 feet of water. The profitable operation of the proposed line will depend upon the settlement and development of the country through which it is to run.

Estimated Cost of Railroad.

As this road would cross many rivers and run through hilly country for a considerable part of the way it will be rather expensive to build. The estimated cost of $6,000,000 to $7,000,000 is high for 175 miles of narrow-gauge railway. Only preliminary surveys of a part of the way have as yet been made and it is announced that it is expected that the complete plans may be ready to be made public within six months. It is also announced that an effort will be made to obtain a concession to extend the line from Chagres to the city of Colon. If the whole scheme can be carried into effect as proposed—within three years—the new road will be of great advantage to the city of Colon and the country through which it would pass and thus benefit the Republic of Panama.

[The name of the concessionaire can be obtained at the Bureau of Foreign and Domestic Commerce, Customhouse, San Francisco. Refer to file No. 85439.]

PERU.

Street-Paving Work in Lima.

The annual report of the alcalde of Lima shows that during 1916 7,194 square meters (8,600 square yards) of street pavement were completed at a total expense of Lp. 5,374 ($26,150). The material used for this pavement was quartzite rock cut into Belgian blocks about 12 by 5 by 6 inches, laid on a sand foundation with a curb of rocks similar to that from which the Belgian blocks have been cut. The alcalde states that Belgian blocks, properly laid, have been found most satisfactory for Lima streets, in which the traffic is heavy; that asphalt blocks have proved both expensive and unsatisfactory; and that asphalt pavement or bituminous concrete will no doubt prove to be the surface best adapted to conditions in Lima. He also points out that creosoted wooden blocks have been used in repairing the streets formerly paved with asphalt block and that the wooden blocks are very satisfactory, though expensive. Commenting on this subject the alcalde says:

It is indispensable that the city undertake at once the paving of the Plaza de Armas and of Union Street. This can be done only by importing adequate machinery at a cost of Lp. 4,000 to Lp. 5,000 [between $20,000 and $25,000]; or as would be preferable, by awarding a contract for the paving of not less than 20,000 square meters [approximately 24,000 square yards], which would make it possible for the contractor to undertake the importation of the machinery required. If Congress approves the bill providing for the sanitation of Lima, which the board has submitted to it, the municipality will be able to provide all the funds required for the carrying out of such a project. Anticipating the favorable action of Congress, we have requested reports and other data on street pavement from the mayor of New York and of other cities, and have asked the Peruvian consul in New York and the commercial attache of the United States in Lima to cooperate with us in this matter.

Firms interested in the contract for paving of Lima streets should enter into communication at once with Dr. Luis Miro-Quesada, alcalde municipal, Lima, Peru; correspondence may be in English. The American commercial attache Wm. F. Montavon at Lima requests that persons interested in this projects forward their literature to his office for reference.

Consul General Alban G. Snyder, of Panama City, Panama, has transmitted a translation of the law authorizing the construction of railroads and highways in the Republic reference to which was made in Commerce Reports for January 29. This translation can be examined at the Bureau of Foreign and Domestic Commerce, Customhouse, San Francisco by referring to file No. 85767.

BUILDERS' EXCHANGE ELECTS OFFICERS.

The newly elected Board of Directors of the Builders' Exchange of San Francisco, held their first meeting yesterday at the Exchange headquarters, 180 Jessie Street, and re-elected the former officers as follows:

President, Harry Maundrell.
Vice President, E. J. Brandon.
Treasurer, C. W. Withington.
Secretary, R. J. H. Forbes.
Financial Secretary, S. A. D. Schenek.
Ass't. Secretary, Vaughn Mauck.
Door Keeper, Henry Thomas.

COMMITTEES.

Rooms.
Alex Mennie.
R. J. H. Forbes.
W. W. Hayes.

Membership.
F. P. Fischer.
Alex Mennie.
E. J. Brandon.

Finance.
C. W. Withington.
J. D. McGilvray.
Geo. Forderer.

Arbitration.
Geo. Forderer.
C. W. Withington.
F. P. Fischer.
Henry Jacks.
E. S. Rainey.

Building.
R. J. H. Forbes.
E. S. Rainey.
W. W. Hayes.

Insurance.
F. P. Fischer.
E. J. Brandon.
W. W. Hayes.

By-Laws.
Geo. Forderer.
Alex Mennie.
H. Jacks.
C. W. Withington.
J. D. McGilvray.

Improvement.
W. W. Hayes.
R. J. H. Forbes.
Ed. Rainey.
E. J. Brandon.
Fred P. Fischer.

The Treasurer's report showed the Exchange to be in a very flourishing condition, there bing a balance in the treasury of $65,000. Many new applications for membership were received and others elected.

UNITED STATES CIVIL SERVICE EXAMINATION.

MECHANICAL DRAFTSMAN (MALE).

DEPARTMENT OF ORDNANCE, NAVY DEPARTMENT.

April 10, 1917.

The United States Civil Service Commission announces an open competitive examination for mechanical draftsman, for men only. Two vacancies at the Naval Torpedo Station Newport, R. I., one at $4.24 and the other at $3.52 per diem, and future vacancies requiring similar qualifications at any navy yard or other naval establishment of the United States or in the Navy Department at Washington, D. C., at salaries ranging from $3.52 to $6 per diem, will be filled from this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

This examination is open to all male citizens of the United States who meet the requirements.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C.; or the secretary of the United States Civil Service Board, Post Office, San Francisco.

GIFTS OF HALF A MILLION YEAR'S RECORD AT UNIVERSITY.

That gifts or bequests of more than half a million dollars have come to the University of California during the year ending March 23, 1917, was announced recently by President Benj. Ide Wheeler in the statement of gifts to the University made public, according to long-standing custom, at the yearly Charter Day Exercises in the Greek Theatre.

Announcement was made for the first time that a group of friends of the University have provided funds for the continuance for another five years of the D. O. Mills Expedition to the Southern Hemisphere, from the Lick Observatory, for study of the stars of the southern skies. Subscriptions of one thousand dollars a year each have been made to this fund, for five years, by Mr. Ogden Mills, Regent William H. Crocker, F. W. Bradley, A. B. Spreckels, and Mrs. William H. Crocker, and one thousand dollars each for 1917-18 by W. B. Bourn and Gordon Blanding.

It was announced also that Mrs. Timothy Guy Phelps has bequeathed a fund of $35,000, the income to be used for the purchase of scientific books for the Lick Observatory.

Among other gifts of the past year reported by President Wheeler were:

By the late George Holmes Howison, formerly Mills Professor of Philosophy, and Mrs. Howison, $70,000 to endow the Howison Foundation, for a graduate fellowship in philosophy, and the Anne Sampson Scholarships in English for women, the Lois Caswell Fund, for aid to deserving women students, and aid to the Infirmary and to the Department of Philosophy:

By the late Mrs. Elizabeth Josselyn Boalt, approximately $200,000 to endow instruction in the School of Jurisprudence, in memory of Judge John H. Boalt:

Various friends of the University, a fund for the equipment of the new University Hospital in San Francisco, (itself built through gifts of $586,000 from a number of benefactors) the donors of the equipment fund being: Wallace M. Alexander, $2000; an Alumnus, $10,000; F. W. Bradley, $5000; William H. Crocker, $2616.50; the children of Regent F. W. Dohrmann, $500; D. C. Jackling, $1000; Charles W. Merrill, $1000; Mrs. James Moffitt, $15,000; N. Ohlandt, $1500; a friend of the University, $2377, and another friend of the University $2500—total $43,493.61.

The anonymous Founder of the Edith Claypole Memorial Research Fund for Pathology, an additional $8000.

Mrs. A. F. Morrison, $1500 for an ophthalmological library for the Medical School.

The Hahnemann Medical College of the Pacific $5000 for the Clinical Professorship of Homoeopathic Materia Medica in the University of California Medical School.

Miss Ellen B. Scripps, a thousand-foot concrete pier a new library and museum building, and other improvements at the Scripps Institution for Biological Research, $80,000; and $10,000 Mr. E. W. Scripps giving $15,000 yearly for maintenance.

Miss Annie M. Alexander, $12,750 for the maintenance for 1917 of the University of California Museum of Vertebrate Zoology.

The Native Sons of the Golden West, $300 for Fellowship in Pacific Coast History.

Bernhard Nathan, $5000 for a scholarship endowment.

Levi Strauss and Company, $3500 for the Levi Strauss Scholarships.

Regent Phoebe Apperson Hearst, $2400 for the Hearst Scholarships for women students; additions to the equipment of the Hearst Memorial Mining Building which have brought her gifts for its equipment to $55,000; and numerous gifts to the Anthropological Museum, the architectural work of the University, etc.

F. W. Bradley, approximately $6000 toward the development of the equipment of the College of Mining.

Various donors, more than $5000 in prizes for a State Dairy Cow Competition.

The late Horace Davis, formerly President of the University, $10,000 as a library endowment.

J. C. Cebrian, nearly two thousand volumes of Spanish books.

S. C. Kiang, some ten thousand Chinese books.

Wilmer Ethelston Furrey of Santa Cruz, approximately $3000 in money and real estate, to be used as the Regents may deem best.

A group of alumni, including F. W. Bradley, Charles W. Merrill, Dr. Harry East Miller, and Regent James K. Moffitt, gifts to aid in the research work of the Department of Biochemistry.

A large number of other gifts were received from various generous friends of the University of California during the twelve months since the previous Charter Day.

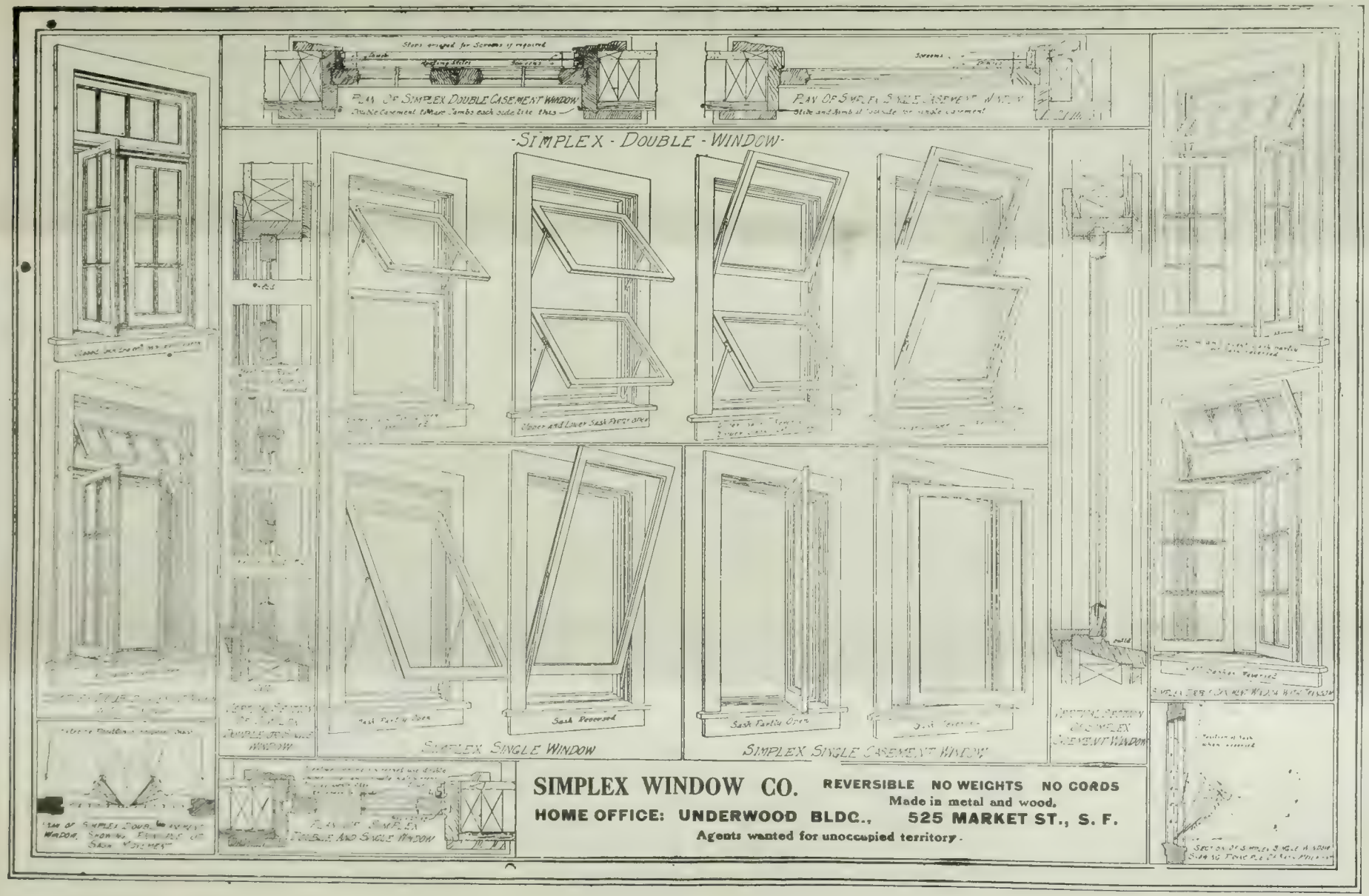
GRENADA RAILROAD SURVEY IN PROGRESS.

YREKA (Siskiyou Co., Cal.)—A report received here from Fort Jones says surveyors are at work making preliminary surveys in several of the gulches leading into Scott Valley from Shasta Valley for the proposed new railroad from Grenada to Scott Valley.

A crew of surveyors has been making surveys the past week in Scar Face and Schulmeyer's Gulches, and a survey has also been made through the Moffit Creek divide, to determine the most feasible route and best grade over the mountain.

Indications are that the capitalists behind the new townsite project at Grenada and the irrigation project immediately surrounding it are also to finance the proposed new railroad.

It is stated that one of the objects of the railroad will be to tap a vast body of timber in Scott Valley to [illegible] box factory to be erected at [illegible]


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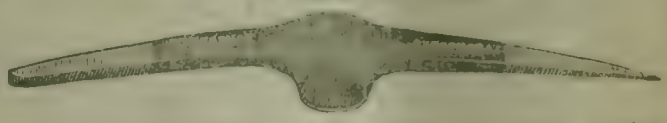
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3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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560 Mission Street.
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HOME LEAGUERS ENDORSE PRESIDENT WILSON.

With enthusiastic waving of flags and the singing of patriotic songs, the members of the Home Industry League of California at their weekly luncheon-meeting at the Palace Hotel Thursday unanimously passed resolutions endorsing whatever action may be recommended by President Wilson in the existing crisis with the German government.

The resolution, which was presented by Leon Roos, of Roos Bros., and A. D. McDonald, of the Standard Biscuit Company, follows:

WHEREAS, a state of war now exists between the United States and the government of Germany, be it, therefore,

RESOLVED, That the Home Industry League of California endorses and upholds any action which may be taken by the Honorable Woodrow Wilson, President of the United States, and that a telegram be sent to the President advising him of the action of the League.

Large Stars and Stripes were then unfurled by the League's flag committee as each member stood at attention, after which Fred Emerson Brooks California's world-famed poet, gave a thrilling reading of a number of his partiotic poems, among them the stirring "Pickett's Charge at Gettysburg," which he first described as the greatest battle in all history, reminding the Leaguers of the fact that BOTH of the armies involved were furnished by the same nation which is now about to embark on a world's war for democracy.

Wm. M. Bunker, President of the Civic Center Improvement Club, told of the foreign views of California industries, gleaned by him in a recent tour around the world, and suggested that there be opened up in the Civic Auditorium, at city expense, an industrial museum of the State's industries where visitors could go to learn in an entertaining manner what need the state has for new factories, and where the already established manufacturers could have attractive exhibits of a permanent nature to show residents what goods are really grown and manufactured in the State. Mr. Bunker stated that many European cities have already opened up such commercial museums for their respective industries.

Executive Secretary C. R. Thorburn reported that contracts for California marble and for California concrete mixers, amounting to $90,000 were secured for local dealers by the League recently, after bids had been asked on specifications which would have prevented local dealers from making any offers for the contracts.

ELECTRICITY FOR RURAL USE OBJECT OF CORRESPONDENCE COURSE.

Electricity will soon be as universally used on the American farm as water or fire. To aid California farmers to live in the electrical age, the University of California Extension Division has announced a new correspondence course on "electricity for rural use." In this course, which will be conducted by E. E. Schuck, himself an electrical engineer, farmers and country-dwellers and householders on general will be taught how to wire their houses for electricity and how to use electricity to the best advantage in lighting, ironing, cooking, and driving household and farm machinery, from the sewing machine and the electric fan to the cream separator. Farmers who live in regions not yet reached by the lines of the power companies will be taught how to generate electricity for themselves by water power or by the use of a gasoline engine.

STATE CORPORATION DEPARTMENT.

Valley Springs Lime Company has been permitted to sell 74,700 shares at par, $1 per share, contingent upon securing subscriptions for not less than 50,000 shares, and the payment of $10,000 on account of the purchase price on or before the 1st day of March, 1918. The proceeds are to be used for the purchase of limestone miles from Valley Springs, Calaveras County. The purchase price being $10,000 in money and 75,000 shares of the company's capital stock, to be issued to J. D. Fish and C. F. Tucker. Commissions are limited to 20%.

Lakeshore Highlands Company, Oakland, has been permitted to issue 3629 shares to Wickham Havens, Inc., in exchange for Oakland property, and to sell 366 shares at par, $100 per share, the proceeds to be used for improvements.

NEW WHARVES FOR PANAMA.

The National Assembly of Panama has authorized the Executive to give preference over other public works at this time to the dredging of the port of Chitre and the construction of a wharf there, to the installation of a lighthouse in the port of Guarare, and the construction of a wharf in the port of Mansabe.

PROPOSED WHARF FOR COSTA RICAN PORT.

The President of Costa Rica is authorized to arrange for the con-
[illegible] adapted for deep-draft vessels. To
[illegible] million dollars will be raised, to be guaranteed by a wharfage tax.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO Apartment house, 3 story and base, frame, $18,000. Architect, J. F. Dunn, Phelan Bldg., S. F. Owner, Mrs. A. Wilson. Location, Pine near Mason, covering an area of 30 by 67 feet. Will contain twelve apartments of three and four rooms. Plans are being revised.

SAN FRANCISCO Apartment house, 3 story and base, frame, $30,000. Architect, Joseph Cahen, 333 Kearny street, S. F. Owners, Joseph Cahen and James Oppenheimer. Location, south Washington east Presidio. Will contain five residential apartments of five and six rooms. Plans complete and segregated figures being taken.

SAN FRANCISCO — Apartment house, 5 story and base. Class C construction, $85,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Anton Rulfs. Location, north Geary west Leavenworth. Will contain 36 apartments of two and three rooms. Plans complete and segregated figures being taken.

OAKLAND, CAL—Apartment house, 6 story, brick and steel, $60,000. Architect's name not given. Owner, Dr. F. G. Baird, 1525 Oak street, Oakland. Location, Oak street near 16th. Will contain twelve suites of five and six rooms each. Plans are complete and owner will let contracts.

FRESNO, FRESNO CO., CAL.—Apartment house, 3 story and base, brick, $50,000. Architect, Ernest Kump, Rowell Bldg., Fresno. Location J street between Tuolumne and Stanislaus, covering an area of 50 by 150 feet. Will contain 27 apartments of two, three and four rooms. Plans are being prepared.

ANAHEIM, ORANGE CO., CAL.—Apartment house and offices, 2 story, brick. Cost not stated. Architects, John P. Kremple and Walter E. Erkes. Will contain a store on the first floor and two and three room suites and offices above. Plans are being prepared.

SEATTLE, WASH. — Apartment house, 4 story and base, brick, $70,000. Architect, W. H. Milner, Haight Bldg., Seattle. Owners, P. D. Ehle & Son. Location, Boylston avenue and Olive street, covering an area of 68 by 100 feet. Plans are complete and figures being taken by the owners.

SAN FRANCISCO — Apartment house, 4 story and base, brick, $56,000. Architect, none. Owner, John Dempniak, 1665 Washington street, S. F. Location, east Mason street south Bush, covering an area of 49½ by 84 feet. Will contain 27 apartments of two, three and four rooms. Plans are complete and work to be done by Day Labor.

SAN FRANCISCO — Apartment house, 7 story and base, reinforced concrete, $150,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Lafayette Realty Co. Location, southwest Sacramento and Gough, covering an area of 55 by 100 feet. Will contain fourteen residential apartments of six rooms and two bath each. Plans being figured.

ALAMEDA, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, $20,000. Architect, R. P. Reynolds, 703 Haight avenue, Alameda. Owner's name withheld. Location, Page and Central avenues. Will contain eighteen rooms of two, three and four rooms. Plans are being prepared.

Contract Awarded.

SAN MATEO, SAN MATEO CO., CAL.—Apartment house, 2 story and base, frame, $8,500. Architect, Thomas Edwards, Burlingame Bank Bldg., Burlingame. Owner, P. Canepa. Contractors, Dioguardi & Terranova, Westbank Bldg., S. F. Contract price, $8,500.

BANKS

MODESTO, STANISLAUS CO., CAL.—Bank alteration, 2 story, Class A construction, $20,000. Architect, R. L. Felchin, Rowell Bldg., Fresno. Owners, Bank of Italy. Location, northeast 10th and I streets. Work will consist of the complete remodeling of the present building, installing new bank fixtures and vaults. Plans complete and ready for figures.

BONDS.

YREKA, SISKIYOU CO., CAL.—Bonds of $70,000 were voted last week for a new high school building for the Siskiyou High School District.

COTTONWOOD, SHASTA CO., CAL.—The $60,000 bond issue for a new school will not be called as the voters are against the issuance of such an amount. It is probable that an election for $40,000 will be called.

SAN MATEO, SAN MATEO CO., CAL.—April 28th is the date set to vote bonds of $30,000 for the erection and equipment of a manual training building for the high school.

BURBANK, SANTA CLARA CO., CAL.—The $10,000 bond issue of the Burbank School District has been sold by the County Supervisors and erection of a new school building will be started shortly.

ALHAMBRA, LOS ANGELES CO., CAL.—The Board of Education plans a $100,000 bond issue for a new auditorium building, plans for which are being prepared by Architects Norman F. Marsh and Herbert C. Howard, Broadway Central Bldg., Los Angeles. The erection of a new high school and improvements to the present building costing $75,000 is also planned by the Board. Bonds for these improvements will also be issued for this work.

PITTSBURG, CONTRA COSTA CO., CAL.—May 9th is set for a bond issue election to decide the issuance of $25,000 in bonds for a new city hall and $30,000 for street improvements.

REDWOOD CITY, SAN MATEO CO., CAL.—Discussion is being had on calling an election to vote bonds of $12,000 for the addition of an auditorium to the Central School. It is probable that an election will be held April 24th.

VENTURA, VENTURA CO., CAL.—The County Supervisors have sold the $350,000 county highway bonds and bids for highway construction to be carried under the sale will be invited immediately.

RICHMOND, CONTRA COSTA CO., CAL.—The City Council has decided to place the $25,000 public playground and municipal bath house bond issue on the May ballot when the city election will be held.

THE DALLES, ORE.—Bonds providing for $260,000 worth of street work have been sold and a call for bids for the paving to be undertaken will be issued shortly.

RICHMOND, CONTRA COSTA CO., CAL.—The proposition to vote bond for a new city hall building was defeated last week.

ESPARTO, YOLO CO., CAL.—Bonds of $20,000 have been voted and from plans prepared by Architect W. H. Weeks of San Francisco a new school building will be constructed.

PHOENIX, ARIZ. The Arizona Extension Railroad Company has asked the Corporation Commission for permission to issue capital stock of par value of $4,000,000 and 5 per cent bonds to the same amount. The funds derived are to be utilized in constructing a broad-gauge railroad from Mesa, fourteen miles east of Phoenix, to a point near Clarkdale, Yavapai County, a distance of 160 miles, especial mention being made also of a seven-mile branch to Jerome, and a five-mile branch to Clarkdale. The project is headed by James S. Douglas, of Douglas, Arizona.

OROVILLE, BUTTE CO., CAL.—The Supervisors have called for bids for the purchase of the $80,000 high school bond issue. Proceeds of the sale will finance construction of a new high school.

SANTA ROSA, SONOMA CO., CAL.—The Wilfred-Bellvue Drainage District is receiving bids for the purchase of bonds of $10,000 which will finance drainage improvements in its district. J. R. Cole is Secretary.

PARARDISE, BUTTE CO., CAL.—Mal 1st is the date set to open bids for the purchase of bonds of the Paradise Irrigation District.

GUERNEVILLE, SONOMA CO., CAL.—The Guerneville School District will hold an election May 12th to vote bonds of $12,500 for a new school building. The election held a few

months ago to issue bond. for the same purpose was defeated.

ALTURAS, MODOC CO., CAL. The Modoc County Supervisors at their last session seriously considered bonding the county for $300,000 for the purpose of building good roads.

It is held that the money now being spent on the county highways would more than pay the interest on the above proposed issue. The matter will probably take more definite form by the next regular meeting of the Board.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL. The $10,000 bond issue for construction of sewer improvements carried at the election held April 2nd.

BRIDGES AND DAMS.

BRIDGE BIDS OPENED.

SEATTLE, Wash.—Booker, Kiehl & Whipple, Central Bldg., Seattle, submitted the lowest bid for the construction of the Eastlake avenue bridge over the Lake Washington Canal, at $213,772 and it is probable that they will be awarded the contract. Other bidders were: Puget Sound Bridge & Dredging Co., $214,176; Erickson Construction Co., $217,474.

VISALIA, Tulare Co., Cal.—The Tulare County Supervisors have ordered bids received up to May 8th for the construction of nine concrete bridges over the route of the California State Highway between Visalia and the county line south. Plans may be had from the County Clerk at Visalia.

FRESNO, Fresno Co., Cal.—The City Trustees have announced that they will construct a bridge over Dry Creek. Bids will be called for on completion of plans.

CLIFTON, Ariz.—Bids will be received by the Board of Trustees up to 8 P. M. of May 4, 1917, for the construction of two steel bridges over the San Francisco river. Plans may be obtained from A. J. Keer, City Engineer. M. Barenhauer is the City Clerk.

OROVILLE, Butte Co., Cal.—At the last meeting of the Supervisors the installation of concrete culverts at the following places was authorized: Centerville and Nimshew grade, near Welrich Ranch, 5 culverts; Centerville and Nimshew grades near Binning Ranch, 5 culverts; Centerville and Nimshew grade between Kelly Hill and Nimshew, 5 culverts.

STOCKTON, San Joaquin Co., Cal.—The San Joaquin County Supervisors have instructed County Engineer Quail to prepare plans and specifications for the proposed steel drawbridge to be constructed at New Hope Landing.

SACRAMENTO, Sacramento Co., Cal.—The Advisory Board to the State Department of Engineering has authorized the expenditure, in co-operation with the land owners of the district, an additional $2,500 for repairing the Sacramento River levee at Hood.

WILLOWS, Glenn Co., Cal.—Bids have been ordered received by the Glenn County Supervisors for the construction of the Sprague Bridge, which will replace the one washed away last winter. Construction will be of reinforced concrete. Plans may be had from the County Clerk at Willows.

SAN DIEGO, San Diego Co., Cal.—Work on the Lower Otay dam will start about May 1, when the money from the sale of the $625,000 bond issue will be available. The council will decide later whether the work will be done by contract or day labor. M. M. O'Shaughnessy, of San Francisco, has been retained as consulting engineer.

BRIDGE CONTRACT AWARDED.

SEATTLE, Wash. The Board of Public Works has awarded the contract for the construction of the substructure for the Eastlake avenue bridge over the Lake Washington Canal to Booker, Kiehl & Whipple, Central Bldg., Seattle, on their bid of $213,000.

CHURCHES.

BAKERSFIELD, KERN CO., CAL.—Mausoleum, 1 story, reinforced concrete, $30,000. Architect, C. A. Cornell, care of owners. Owners, Kern County Abbey Association, Bakersfield. Location, Bakersfield Cemetery, covering an area of 100 by 40 feet. Will contain 200 crypts. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL. — Mausoleum, 1 story, reinforced concrete and granite, $150,000. Architect, John J. Frauenfelder, Story Bldg., L. A. Owners, Odd Fellows Lodge No. 186. Will cover an area of 140 by 80 feet and contain 500 crypts, chapel, etc. Plans are being prepared. A. H. Gregg and E. M. Wheatland, care of the Odd Fellows Lodge, Fresno, will have charge of construction.

LOS ANGELES, CAL.—Church and institutional building, 6 story and base. Class A construction, $150,000. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Methodist Board of Spanish Missions. Location, north side of plaza on Old Fremont street, covering an area of 100 by 100 feet. Plans are being prepared.

SAN DIMAS, LOS ANGELES CO., CAL.—Church, 1 story, brick and frame. Cost not stated. Architects, Jeffery & Schaefer, Van Nuys Bldg., L. A. Owners, San Dimas Union Church. Will cover an area of 60 by 70 feet and have a seating capacity of 500 people. Plans are complete and figures being taken.

FACTORIES AND WAREHOUSES.

LOS ANGELES, CAL. — Bottling plant, 2 story and base, reinforced concrete. Cost not stated. Architect, H. C. Hengels, Milwaukee, Wis. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Arrowhead Springs Co. Location, Compton avenue and Washington street, covering an area of 146 by 113 feet. Plans complete and work to be done by Day Labor.

ASTORIA, ORE.—Grain elevators, reinforced concrete. Cost not stated. Engineer, R. R. Bartlett, Astoria. Owners, City of Astoria. The engineer has been instructed to complete plans and specifications. Work will be carried out under the direction of the Port of Astoria Commission.

VALLEJO, SOLANO CO., CAL. Warehouse, 1 story, frame, $5,000. Architect, none. Owners, Southern Pacific Co. Location, railroad yards, covering an area of 25 by 100 feet. Plans complete and work to be done by Day Labor.

PORTLAND, ORE. — Factory, 2 story and base, brick. Cost not stated. Architect, none. Owners, Lawyers Title and Trust Co. Location, east 32nd and Sandy Road, covering an area of 150 by 42 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Factory, 3 story and base, mill construction, $15,000. Architect, none. Owners, Bass-Hueter Paint Co. Contractors, Palmer & Petersen, Monadnock Bldg., S. F. Contract price, $15,000.

TACOMA, WASH.—Ship building plant, $125,000. Engineer's name not given. Owners, Todd Ship building Co. Contractors, Hurley-Mason Co., Hoge Bldg., Seattle. Contract price, $125,000.

FIRE HOUSES AND JAILS

WILLOWS, GLENN CO., CAL. — Jail, 1 story, reinforce dconcrete. Cost not stated. Architect, none. Owners, Glenn County. Bids are being taken for a jail building housing the offices of the Justice of the Peace. Plans can be secured from the County Clerk.

SACRAMENTO, CAL.—Fire house, 1 story and base, brick. Cost not stated. Architect, none. Owner, City of Sacramento. Bids will be opened on April 17th at 10 o'clock for a chemical engine house. Plans can be secured from the office of the City Clerk.

STOCKTON, SAN JOAQUIN CO., CAL.—Detention home, 2 story and base, brick, $20,000. Architect, Joseph Losekann, Stockton. Owners, San Joaquin County. All bids received for this work on April 3rd have been rejected as being above the amount available. A complete list of the bids will be found under the heading of Bids Opened in this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,000. Architect, none. Owner, E. Coleman, 5516 Geary street, S. F. Location, west 19th avenue north Geary. Will contain two flats of five rooms each and basement garage. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, $10,000. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Mrs. Sigrest. Location, north Washington between Powell and Mason. Will contain three largge residential flats. Plans are complete and bids will be called for shortly.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,000. Architect, none. Owner, Thomas McKee, 183 Saturn street, S. F. Location, south Saturn west Temple. Will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

GARAGES.

LOS ANGELES CAL. Garage, 2 story and base, brick, $2,000. Architect, John J. Donenfelder, Story Bldg., L. A. Owner, J. M. Irvine. Location, Grand avenue near Third street, covering an area of 75 by 145 feet. Plans complete and work to be done by Day Labor and sub-contract.

LOS ANGELES, CAL.—Garage 1 story and base, brick. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Church, leased to Walter M. Brown. Location, southwest Washington and Figueroa streets, covering an area of 100 by 179 feet. Plans are being prepared.

LOS ANGELES, CAL. Garage, 2 story and base. Class C construction, $25,000. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, Mrs. Amanda Salter. Contractor, Val Katzenberger, 619 South Johnsin street, L. A. Contract price, $25,000.

◆

GOVERNMENT WORK & SUPPLIES.

Puget Sound, Wash, Magazine Buildings.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing magazine buildings at the Naval Magazine, Puget Sound, Wash.:

Item 1, work complete; 2, guardhouse; 3, 2 filling houses; 4, extension to building 18; 5, deduct from items 1 or 2 if cellar, stairs, areas, windows, etc., and heating system are omitted from guard house; 6, deduct from items 1 and 2 for omitting electric lighting fixtures; 7, deduct from 1 or 3 if painting of exterior galvanized steel work of the filling house be omitted; 8, deduct from items 1 or 4 for omitting center bay of the extension to building 18.

B. Ward, Rolling, Wash., item 1, $13,566.64, 4 months; 2, $7,384.10, 4 months; 3, $3,750.20, 4 months; 4, $3,-$32.34, 4 months; 5, deduct $1,700; 6, deduct $200; 7, deduct $700; 8, deduct $900.

P. A. Harrington, Oriental Bldg., Seattle, Wash., item 1, $12,200; 2, $6,-600; 3, $3,276; 4, $2,324; 5, $950; 6, $85; 7, $300; 8, $400, time on all items, 4 months.

Christophed Kuppler, 1309 7th avenue, North Seattle, Wash., item 1, $11,-500, 90 days; 2, $5,883, 90 days; 3, $3,-137, 50 days; 4, $2,480, 60 days ;5, deduct $1,222, 10 days; 6, deduct $91; 7 deduct $177; 8, deduct $510, 5 days.

Chas. H. Schaar, 721 21st avenue, Seattle, Wash., item 1, $11,700, 120 days; 5, $1,200, 100 days; 7, $275.

Erickson & Larsen, 5011 Meridian avenue, Seattle, Wash., item 1, $11,-728, 90 days; 2, $6,336, 90 days; 3, $3,-468, 60 days; 4, $1,999, 60 days; 5, $1,-170, 10 days; 6, $54; 7, $100; 8, $300.

John Wallin, 850 South 5th street, Tacoma, Wash., item 1, $11,898, 125 days.

Wm. Monk, 216 Sheron Bldg., San Francisco, Cal., item 1, $12,482, 90 days; 2, $5,741; 3, $4,068; 4, $2,673; 5, $1,057; 6, $80; 7, $200; 8, $650.

B. Colling & Co., 811 20th avenue, South, Seattle, Wash., item 1, $11,390, 120 days; 2, $5,185, 120 days; 3, $3,245, 97 days; 4, $2,660, 110 days; 5, $850, 10 days; 6, $15; 7, $90; 8, $700.

San Jose, Cal., Furniture.

The following bids were received by the custodian, U. S. post office, San Jose, Cal., for furnishing four routing cases for motor rural carriers:

John E. Siostrom Co., Inc., Philadelphia, Pa., 400, time, 75 days.

Jacob Beitzel & Son, York, Pa., $320, time 100 days.

R. O. Simmons, San Jose, Cal., $297, time, 22 days.

Original Cabinet Co., Evanston, Ill., $284, time, 120 days.

Pacific Mfg. Co., Santa Clara, Cal., $259, time, 30 days.

McGuire Cabinet Co., 1514 Tennessee street, Los Angeles, Cal., $240, 30 days.

Federal Equipment Co., Carlisle, Pa., $201, time, 75 days.

Helena, Mont., Painting and Repairs.

Bids for repairs and painting at the U. S. assay office, Helena, Mont., were received by the custodian, as follows:

Emil Grohne, Joliet, Ill., $4,334, time, 90 days.

Theriault Construction Co., Washington, D. C., $5,159, time, 120 days.

Canal Work.

The U. S. reclamation service is asking for proposals for the construction of canals on the Shoshone irrigation project, Wyo., involving about 30,-000 cubic yards of excavation. The work is located near Mantua, Wyo., on the C. B. & Q. Railroad. Bids will be opened at the office of the U. S. reclamation service, Powell, Wyo., April 18, 1917.

La Grande, Ore., Repairs, Etc.

The following bid was received by the custodian, U. S. post office, La Grande, Ore., for making repairs, etc.:

Frank E. Oxner, La Grande, Ore., $1,820, time, 90 days.

Colorado Springs, Colo., Approaches

The following bids were received by the custodian, U. S. post office, Colorado Springs, Colo., for making repairs to approaches:

R. C. Whitlock, Pueblo, Colo., $1,-990, 40 days.

J. H. Wiese, Omaha, Neb., $2,412, 90 days.

Guaranty Paving Co., Colorado Springs, Colo., $2,690, time, 60 days.

A. D. W. Holman, Colorado Springs, Colo., $2,744, June 25, 1917.

E. Grohne, Joliet, Ill., $3,221, time, 90 days.

Railroad Supplies.

Bids will be received as follows by the Alaska Engineering Commission, C. E. Dole, purchasing agent, Bell Street Dock, Seattle, and 514 Kohl Bldg., San Francisco, Cal., until April 12, 1917, for a large order of castings, bolts, boat spikes, bar iron, cast washers, cast separators, tension rods channels, nuts, lag screws, etc., including the following quantities, 166,-000 lbs. bolts, 387,000 lbs. bar iron, 138,000 lbs. cast washers, 41,000 bolts, 500 kegs boat spikes, several hundred thousand feet mechant bar iron, 10,-000 cast separators, 1,300 castings, several hundred angle blocks, several hundred tension rods channels, drift bolts, 8 kegs staples, 2,000 lag screws, 2,100 feet wire rope, etc., etc.

Navy Supplies.

Bids will be received as follows by the Navy Pay Office, Lowman Bldg., Seattle, for supplies for the U. S. Navy Yard, at Bremerton:

April 11, 36 steel wire foundry sieves, 650 steel bolts and nuts, 12 jack screws, 15 lbs. welding compound, 8 dozen reamers, telephone equipment, 30 lbs. pressboard fibre, 100 lbs. copper, 50 lbs. trolley wire.

Roofing.

Bids have been called for by the Alaskan Engineering Commission, 514 Kohl Bldg., San Francisco, Cal., to be opened on April 11 for rthe following: 1,250 squares asbestos roofing, 3-ply; 1,250 squares roofing, 2-ply Regal or equal; 500 rolls Parafine building paper; 150 rolls No. 25 Rosin sheathing; 50 rolls No. 2 Barrett's tarred felt; 10 cases Stockholm tar; 2 barrels caulking pitch; 6 barrels roofing pitch; 25,000 gal. distillate; 50,000 gal. kerosene oil; 50,000 gal. gasoline; 10 bbls. valve oil; 10 bbls. marine oil; 700 lbs. cup grease, etc. Circular No. 264.

Portland Cement, Etc.

CIRCULAR No. 265—Sealed proposals will be received at office of general purchasing agent, Alaska Engineering Commission, at Seattle, Wash., not later than 11 A. M., April 9, 1917, for furnishing Portland cement, ship augers, propellers, manila rope, steel cable. Copies of this circular may be obtained upon application at office, Alaskan Engineering Commission, 514 Kohl Bldg., San Francisco, Cal. E. E. Dole, General Purchasing Agent.
(14948)

GOVERNMENT BIDS WANTED.

Fire Brick, Hardware, Etc.

Proposals will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 10 o'clock A. M., April 24, 1917, for delivering exhausting blowers, fire brick, fire cement, oil coolers, iron pipe fittings, hardware, etc., rubber air hose, switchboard panels, and steel at the navy yard, Mare Island, Cal. Apply for prosopals to the Navy purchasing office, San Francisco, Cal., or to the Bureau of Supplies and Accounts. SAMUEL McGOWAN Paymaster General of the Navy.

Roofing, Etc.

CIRCULAR NO. 264—Sealed proposals will be received at Office of General Purchasing Agent, Alaskan Engineering Commission, Seattle, Wash., not later than 11:00 A. M., April 11th, 1917, for furnishing roofing, tarred felt, tar, pitch, oils and greases and enamel. Copies of Circular may be obtained upon application at Alaskan Engineering Commission, 514 Kohl Bldg., San Francisco, Cal. C. E. DOLE, General Purchasing agent.
(15008)

HALLS AND SOCIETY BUILDINGS.

BOHEMIAN GROVE, SONOMA CO., CAL. Club house, 1 and 2 story, rustic, $20,000. Architect, Louis Christian Mullgardt, Chronicle Bldg., S. F. Owners, Bohemian Club. Will contain social hall, sleeping accommodations and banquet room. Plans are being prepared.

MERIDIAN, SUTTER CO., CAL. Lodge building, 2 story and base, brick, $11,000. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owners, Meridian Lodge No. 212 I. O. O. F. Will contain stores on the first floor and lodge rooms above. Plans are being prepared.

OXNARD, VENTURA CO., CAL.—Lodge addition, 2 story and base, brick. Cost not stated. Architects, Kremple & Erkes, Henne Bldg., L. A. Owners, Masonic Temple Association. The main floor will contain a large ball room and upper floor banquet room and club rooms. Plans are being prepared.

MERCED, MERCED CO., CAL. — Lodge hall and stores, 2 story and base, brick, $26,690. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Masonic Temple Association. Contractor, C. Karsboom, 1445 Dana street, L. A. Contract price, $26,690.

Contract Awarded.

VALLEJO, CONTRA COSTA CO., CAL.—Lodge hall, 3 story and base, brick, $70,000. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Temple Assiciation. Contractors, Cameron & Disston, Hearst Bldg., S. F., general construction, $55,250; Rector Gas System Co., S. F., heating, $4,000; Albach & Mayer, S. F., plumbing, and Vallejo Electric Light and Power Co., Vallejo, electric work.

PETALUMA, SONOMA CO., CAL.—Lodge hall repairs to fire damage, 3 story and base, brick, $24,000. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Petaluma Masonic Temple Association. Contractor, Ira W. Corburn, Builders' Exchange, S. F. Contract price, $18,000. This contract does not include the heating or store fixture work.

HOSPITALS

SACRAMENTO, CAL. — Hospital power plant and administration buildings, 1 and 3 story and base, hollow tile and brick. Cost not stated. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. The architect has been authorized by the Supervisors to complete plans and specifications for the administration building and power house at the new County Hospital. Construction will be of hollow tile and concrete. Bids will be called for before July 1st, at which time contracts will be awarded.

FRESNO, FRESNO CO., CAL.—Hospital addition, 2 story and base, concrete and brick, $55,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Fresno County. Manning Bros., Fresno, presented the lowest bid for this work at $55,850. All bids were taken under advisement. Four other bids were presented as follows: Johnson Bros., Fresno, $63,800; Trewhitt-Shields Co., Fresno, $59,000; James G. Daly, Fresno, $57,200, and R. Anderson & Co., Fresno, $58,715.

HOTELS.

SAN FRANCISCO — Hotel and stores. Cost not stated. Architect's name not given. Loring B. Doe, of the Doe Estate Co., 16 California St., is the authority for the announcement that the Doe Estate will improve the gore corner of Market, Hayes and Larkin streets. The property is now the largest vacant holding on Market street between the Ferry and Valencia street. A high class hotel, apartment and store building is to be erected. Mr. Doe states that further information will be given later. Architect Will H. Toepke, 46 Kearny street, has prepared plans for a building on this property, but Mr. Doe does not mention his name in particular.

VICHY SPRINGS, MENDOCINO CO., CAL.—Resort hotel, 2 story and base, rustic. Cost not stated. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owners, Vichy Springs Hotel Co. Only preliminary sketches have been made for this building and details of construction will be given later.

SAN FRANCISCO—Hotel alterations, 3 story, frame, $6,500. Architect, Frank S. Holland, Call-Post Bldg., S. F. Owner, James West. Location, northeast Fillmore and Grove streets. Work will consist of remodeling an old residence into 26 rooms. Plans complete and work to be done by Day Labor.

WOODLAND, YOLO CO., CAL.—Hotel, 4 story and base, reinforced concrete, $75,000. Architect, Walter H. Judson, 5317 Lawton avenue, Oakland. Owners, Woodland Hotel Co. Only preliminary plans have been submitted to the owners and further details will be given when plans are approved.

Contract Awarded.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architect's name not given. Owners, Harbolt Hotel Co. Contractors, Hetzel-Winget Co., California Bldg., L. A. Contract price not given.

IRRIGATION PROJECTS.

RICHVALE, Butte Co., Cal.—Contract for excavation of three miles of lateral ditches for Richvale Drainage District has been awarded to R. A. Bayless of Biggs, Cal.

OROVILLE, Butte Co., Cal.—City Engineer S. J. Norris at the City Trustee's last session reported on a plan for draining the West End from Second avenue to eliminate standing water on Montgomery street and Fifth avenue. The plan includes the installation of a pipe at a cost of about $1,000.

POWER PLANTS.

SEATTLE, WASH.—Power plant, 1 story and base, reinforced concrete, $80,000. Architect, Daniel Huntington, City and County Bldg., Seattle. Owners, City of Seattle. Location, Eastlake avenue and Nelson Place, covering an area of 80 by 89 feet. Plans are complete and work to be done by Day Labor. Sub figures are wanted.

RAILROAD CONSTRUCTION AND EQUIPMENT

SACRAMENTO, CAL.—Shop building, 1 story, brick, $30,000. Engineer, Company Engineer, Flood Bldg., S. F. Owners, Southhern Pacific Co. The company has commenced the construction of Shop No. 9 in the company's yards at Sacramento. The building will be a large brick structure costing in the neighborhood of $30,000. The work is being done by Day Labor. Heavy timber trusses are being used in place of steel.

ROAD WORK PLANNED.

BENICIA, Solano Co., Cal.—County Supervisor W. B. Connelly of Suisun is making arrangements of improving the road leading from the new plant of the California Poultry Co. to the State Highway. The hills will be cut down and the road graded. If possible the road will be paved with concrete. (14955)

STREET IMPROVEMENT BIDS WANTED.

SAN MATEO, San Mateo Co., Cal.—City Trustees have ordered bids received up to April 16th for improvement work to be done in Haywood Park. Plans may be had from the City Clerk at San Mateo. (14954)

BIDS WANTED FOR WATER PIPE.

COALINGA, Fresno Co., Cal.—Bids will be received by the city clerk up to 8 P. M. of April 16th, for furnishing 27,000 feet of 4-inch, 15,000 feet of 6-inch, and 2000 feet of 10-inch water pipe. Certified check or bond for 10 per cent required. For further information inquire of Floyd G. Dessery, Consulting Engineer, 514 Central Building, or Claud T. Walker, City Clerk.

BIDS REJECTED FOR TRANSFORMERS. NEW BIDS WANTED.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works has rejected all bids received for furnishing electric line transformers for use on the Hetch-Hetchy project and new bids have been ordered received up to April 9th. Plans may be had from the City Engineer's Office, 3rd Floor, City Hall.

TO CONSTRUCT RAILROAD.

BISHOP, Inyo Co., Cal.—The Darwin Development Company, Olancha, will start work at once on the construction of an electric road along the south shore of Owens Lake to connect with the Southern Pacific standard tract at Olancha, a distance of twenty-three miles.

ROAD BIDS OPENED.

STOCKTON, San Joaquin Co., Cal.—The following bids were received by the County Supervisors for the Farmington Highway improvement:

Clark & Henery, $7,500; Federal Constr. Co., $10,000; Paul & Caldwell, $6,000. No action was taken in awarding a contract.

ROAD CONTRACT AWARDED.

DAVENPORT, Wash.—Zane & Donald, Hanford, Wash., have been awarded the contract for the construction of 11 miles of highway by the County Commissioners on their bid of $41,136.

ROAD BIDS WANTED.

CHEHALIS, Wash.—J. D. Neville, County Engineer, Chehalis, will receive bids up to April 20th for the construction of Road Improvement No. 200, involving 5,280 feet of one-course concrete, and Permanent Highway No. 2-D, involving 8,675 feet of one-course concrete pavement.

ROAD CONTRACT AWARDED.

YREKA, Siskiyou Co., Cal.—Albert Anderson & Co., Grants Pass, Oregon, has been awarded the contract for the construction of three and three-quarter miles of roadway between Yreka and Scott Valley by the Siskiyou County Supervisors. The contract price including grading and culverts is $22,500. The road will start at the summit on the south side of Forest House Mountain.
(13912). 1st report Feb. 9; 2nd Mar. 9, 1917.

PAVING CONTRACT AWARDED.

MODESTO, Stanislaus Co., Cal.—City Council has awarded a contract to Central California Paving Co., 12 Schafer Bldg., Modesto, for the following work:

That Tenth street from "L" street to Needham be graded and paved with a pavement consisting of a cement concrete base and a Bitulithic wearing surface 5½ inches thick, a foundation course of cement concrete 4 inches thick and a wearing surface of Bitulithic 1½ inches thick, and cement concrete curbing and cement concrete gutters and gutters.
(13153). 1st report Dec. 29, 1916.

PAVING CONTRACT AWARDED.

WHEATLAND, Yuba Co., Cal.—Trustees have awarded a contract to Richmondite Paving Co., of Richmond, for paving one-half mile of highway from Wheatland to connect with the State Highway.
(14951)

RAILROAD WORK CONTRACT LET.

PORTLAND, Ore.—Twohy Bros., Railway Bldg., Portland and Hobart Bldg., San Francisco, have been awarded a contract for changing the grade of the O. W. R. and N. project in connection with the grade elimination work. The contract price is reported at about $300,000.

ROAD CONTRACT AWARDED.

STOCKTON, San Joaquin Co., Cal.—The County Supervisors have awarded the contract for the improvement of Farmington road to Clark & Henery, 38 S-Sutter street, Stockton, at $6,-123.27.

RAILROAD EXTENSION PLANNED.

OLYMPIA, Wash.—According to papers filed with the Secretary of State at Olympia, the Northern Pacific Railroad Company will start construction work at once on a six mile extension of its lines between Cowiche and Tieton City, Wash., at an estimated cost of $225,000.

RAILROAD EXTENSION.

PHOENIX, Ariz.—Grading has been started for the broad-gauge railroad to be built from Mesa, fourteen miles east of Phoenix, to a point near Clarkdale, Yavapai county, a distance of 160 miles, for the Arizona Extension Railroad Company. A branch seven miles long will be built to Jerome and a five-mile branch to Clarkdale. The estimated cost of the road will be about $7,000,000. James S. Douglas, of Douglas, Arizona, is heading the project.

RESIDENCES.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, $6,000 each. Architect, none Owners, Allen & Co., 125 Sutter street, S. F. Location, Sea Cliff avenue. Each house will contain eight rooms, two baths and basement garage. Plans are being prepared.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $6,500. Architect, Thomas Edwards, Bank Bldg., Burlingame. Owner, Rufus H. Kimball. Location, Burlingame Heights. Will contain eight rooms, two baths and separate garage. Plans are complete and figures being taken.

SAN MATEO, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, W. H. Toepke, 46 Kearny street, S. F. Owner, G. Rognier. Location, Clark Drive. Will contain seven rooms, bath and sleeping porches. Separate garage. Plans are being figured.

ALAMEDA, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame, $2,000 each. Architect, none. Owner, G. H. Noble, 2205 Santa Clara avenue, Alameda. Location, 1301 Mound avenue and 2612 Lincoln avenue. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $7,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Garden. Location, East Piedmont Heights. Will contain eight rooms, two baths and separate garage. Plans complete and figures to be called for at once.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,000. Architect, none. Owner, Roe Bishop, 7701 East 14th street, Oakland. Location, south East 14th street near 77th avenue. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,000. Architect none. Owner, Edward Nethken, 3657 39th avenue, Oakland. Location, West Bendford avenue south Garfield. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,250. Architect, none. Owner, Minnie M. Miller, 6230 63rd street, Oakland. Location, west Sacramento north Ada. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,600. Architect, none. Owner, Ole A. Olsen, 1511 39th avenue, Oakland. Location, west 39th avenue north East 14th street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence alterations, 2 story, frame, $10,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. Location, Linda Vista District. Work will consist of interior changes, an addition and the installation of a central heating system. Plans are complete and ready for figures.

OAKLAND, CAL. — Residence, 1 story and base, frame, $3,000. Architect, none. Owner, Edward A. Chick, 2624 60th avenue, Oakland. Location, south Jerome near Oakland. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $2,500. Architect, none. Owner, Charles D. Hart, 651 Jean street, Oakland. Location, west Jean south Monte Vista avenue. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, William H. Sims, 1926 64th avenue, Oakland. Location, south Arlington west Genoa. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

MILL VALLEY, MARIN CO., CAL.—Residence, 1½ story and base, frame, $2,500. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. Whitman. Will contain four rooms and bath. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,250. Architect, none. Owner, E. C. Bovyer, Carmel Apartments, Oakland. Location, 17th between Clinton and Burbeck. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, H. G. Birdsall, 2811 T street, Sacramento. Location, 2031 30th street. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 3 story and base. Class C construction, $30,000. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Mr. Booth. Location, Baker street. Will contain fourteen rooms, several baths and sleeping porch. Separate garage. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Stafford Le Lean Jory, 1420 Scenic avenue, Berkeley. Owner, Mrs. Ninole Locan. Location, Euclid avenue. Will contain eight rooms, two baths and sleeping porch. Plans are complete and figures being taken.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owners, Dow & Cannon, Fresno. Location, Belmont Addition. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

LONG BEACH, LOS ANGELES CO., CAL. Residence, 2 story and base, hollow tile, $25,000. Architect, Andrew G. Paul, 1513 West Seventh street, L. A. Owner, J. J. Haggerty. Location, 1560 Ocean avenue. Will contain 12 rooms, 4 baths and sleeping porches. Separate garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $6,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner's name not stated. Location, Forest Hill. Will contain six rooms, bath and basement garage. Plans are being prepared.

OAKLAND, CAL. Residence, 1½ story and base, frame, $2,000. Architect, none. Owner, M. Haynes, 4045 East 12th street, Oakland. Location, southeast 41st avenue and East 12th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Residence, 1 story and base, frame, $1,500. Architect, none. Owner, W. J. Charles, P. O. Box 291, San Francisco. Location, Curtis north Bristol. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.— Residences, 10, 1 story and base, frame, $2,000 each. Architect, R. P. Reynolds, 703 Haight avenue, Alameda. Owner, George H. Noble. Location, Lincoln and Broadway. Each house will contain five rooms, bath and sleeping porch. Plans are being prepared and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Fraternity house, 2 story and base, frame, $30,000. Architect, Holberg Reimers, associated with E. Geoffery Bangs, Acheson Bldg., Berkeley. Owners, Sigma Nu. Location, Le Conte and Le Roy streets. Will contain 14 rooms, several baths and sleeping porches. Plans are complete and figures being taken.

PORTLAND, ORE.—Residence, 2 story and base, brick and tile. Cost not stated. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owner, C. T. Earley. Location, east 25th and Stanton streets. Will contain twelve rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

Contract Awarded.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile, $250,000. Architect, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Edwin Frances Holmes. Contractors, Milwaukee Building Co. Contract price, $250,000.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $12,500. Architect, Thomas Edwards, Bank Bldg., Burlingame. Owner, Edward Cudahy. Contractor, James Hutchins, Burlingame. Contract price, $12,500.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 1½ story and base, frame, $3,100. Architect, Thomas Edwards, Bank Bldg., Burlingame. Owner, Philip Scheu. Contractors, Catherwood & Hamilton, Burlingame. Contract price, $3,100.

SAN FRANCISCO — Residence, 2 story and base, frame, $6,500. Architects, Foulkes & Hildebrand, Crocker Bldg., S. F. Owner, Herbert F. Hellwig. Contractor, William McIntosh, 975 Clayton street, S. F. Contract price, $6,500.

SCHOOLS.

LAKESIDE SCHOOL DISTRICT, SANTA CLARA CO., CAL.—School, 1 story, frame. Cost not stated. Architect, none. Owners, Lakeside School District. Will contain two class rooms. Plans complete and bids to be opened on April 25th at 4 p. m. Plans can be secured from Mrs. Annie R. Condon, Reservoir Road.

WASHINGTON, YOLO CO., CAL.— School, 1 story and base, Class C construction, $32,000. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Washington School District. Will contain six class room, assembly hall and departments for manual training and domestic science. Plans are complete and bids being taken.

FALLON, NEV.—School, 1 and 2 story and base, reinforced concrete, $75,000. Architects, Wilson & Eager, American National Bank Bldg., Monrovia, Cal. Owners, Churchill County High School District. Will cover an area of 160 by 224 feet and contain 14 class rooms, auditorium and gymnasium. Plans are complete and ready for bids.

SEATTLE, WASH.—School addition, 2 story an dbase, brick, $74,357. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. The Sound Construction Co., Seattle, presented the lowest bid for this work at $74,357 and will be awarded the contract.

TORRANCE, LOS ANGELES CO., CAL.—School, 1 story and base, brick, $35,000. Architect, City Dept. of Architecture, Torrance. Owners, City of Torrance. Le Callahan, 2324 Michigan avenue, L. A., presented the lowest bid for the general construction at $27,873. J. Hokom, 4312 South Mono avenue, L. A., the low bid for the plumbing and heating at $6,357. Contracts will be awarded.

ESPARTO, YOLO CO., CAL. — School, 1 story and base. Class C construction, $20,000. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Esparto School District. Will contain four class rooms, emergency room, library and teachers' room. Plans are being prepared.

Contract Awarded.

FRESNO, FRESNO CO., CAL. — School auditorium, 1 story, brick and plaster, $18,480. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. Contractor, James L. Daly, Griffith-McKenzie Bldg., Fresno. Contract price, $18,480.

WILLOW CREEK, MADERA CO., CAL.—School, 1 story, frame, $1,040. Architect, none. Owners, Willow Creek School District. Contractor, C. W. Miller, Madera. Contract price, $1,040.

SEWERS, STREET WORK & WATER SYSTEMS.

GRADING CONTRACT AWARDED.

PRINEVILLE, Ore.—E. T. and H. H. Johnson, Portland, Ore., have been awarded a contract for grading 18½ miles of railroad from Prineville to the main line of the Oregon Trunk, by the City Council at Prineville. Their bid was $53,000.
(14950)

PAVING BIDS WANTED.

STOCKTON, San Joaquin Co., Cal.— Bids are being received by the City Clerk for the paving of the south one-half of Webster avenue from Monroe street to Edison. City Engineer's estimate $5,767.87; also for improvement of west half of West street from Acacia to Vernal Way. The City Engineer's estimate is $4,801.67. Bids on both jobs will be opened April 6th.
(14953 and 14790). 1st report Mar. 26; 2nd, Mar. 29, 1917.

STREET IMPROVEMENT CONTRACT AWARDED.

SAN FRANCISCO, Cal.—The Board of Supervisors has awarded a contract to V. Ellingwood for the improvement of Eastman street, between Green street and the S line of Russell street, produced by the construction of concrete curbs, and an asphalt pavement consisting of a 6" concrete foundation and a 2½" asphaltic wearing surface upon the roadway thereof. Cost, $254.70.
(14411) 1st report Mar. 8, 1917.

PAVING PLANNED.

FERNDALE, Humboldt Co., Cal.— The City Trustees have instructed Town Engineer Frank Kelly to prepare the necessary plans for paving Main street from the Pythian Castle to the town limits.
(14983)

DINUBA TO PAVE STREETS.

DINUBA, Tulare Co., Cal.—The Town Trustees have outlined plans providing for the paving of four main entrance streets of the town. It is the intention of the Board to have the work completed by the time the county highway reaches here.
(14987)

PAVING PLANNED.

TULARE, Tulare Co., Cal.—The City Trustees have decided to pave several streets to meet the state and county highway connections. About four streets will be paved. The method of financing the paving has not been definitely decided upon.
(14978)

BIDS WANTED FOR HIGHWAY.

EVERETT, Wash.—Bids will be received until April 23 by M. Weatherbee, County Auditor, for construction of ten miles of permanent highway.
(14981)

PAVING BIDS WANTED.

COLTON, Wash.—Bids will be received by L. F. Gibbs, City Clerk, P. O. Box 108, Colton, Wash., until April 16th for paving in L. I. D. 1 with either water bound macadam or one-course concrete approximately 12,000 square yards or 4,000 square yards of bituminous pavement. W. D. Barkhuff is city engineer.
(14982)

ROAD BIDS WANTED.

SEATTLE, Wash.—Bids have been ordered received up to April 23rd for the construction of the following highways: Permanent Highway No. 29, paving three miles between Arlington

and Cooper's Spur Permanent Highway No. 28, 3 miles of grading and graveling between Snohomish and Monroe, and for Bond Road Proposition No. 28, 3 miles paving.

W. C. Bickford, County Engineer. (14980)

PAVING PLANS ORDERED.

FRESNO, Fresno Co., Cal.—The City Trustees have instructed the City Engineer to prepare the necessary plans for the paving of H and Park Boulevard from El Dorado to the city limits.

STREET IMPROVEMENT PLANNED

RICHMOND, Contra Costa Co., Cal.—The City Council has passed a resolution calling for bids for the improvement of an alley in Block 2 of Richmond Park.

PAVING PLANS ORDERED.

RICHMOND, Contra Costa Co., Cal. The City Council has instructed City Engineer Chapman to prepare plans and specifications for the improvement of the following streets: Oil, Washoe, Wine, Florida, Main and Virginia, all in the Canal Subdivision, and of Garrard avenue. Bids for this work will be called for on adoption of plans.

SEWERS ORDERED IN MANY STREETS.

SACRAMENTO, Cal.—The City Commission passed resolutions ordering the installation of sewers in several sections of the annexed district. The districts to be improved follow: H. M. Goethe Subdivision G, Second Ave. from Twenty-fourth to Twenty-sixth Street, alley in Santa Ynez Way and Thirty-sixth Street from Folsom Boulevard to P Street, Third Avenue and Fourth Avenue from Fortieth to Forty-second Street, alley from Sacramento Boulevard and Thirty-ninth Street from Fifth to Seventh Avenue, San Jose Way from Fifth Avenue to point 118 feet southeasterly from Fourth Avenue, alley between Discovery Way and Forty-ninth Street, from alley first north of T street to R Street, Santa Clara Way from Third Avenue to point 101 feet southeasterly from the south line of Second Avenue, alley between Thirty-ninth Street and La Soledad Way from Fifth to Seventh Avenues.

The improvement of Marshall Way from Franklin Boulevard to Thirty-third Street with curbs, gutters, sidewalks and pavement also was ordered.

TO IMPROVE STREETS.

FRESNO, Fresno Co., Cal.—The Pacific Investment Co. of Fresno will spend about $30,000 for street work, including sidewalks and sewers, in the Alta Vista tract. Billings & Meyering are the agents.

(14918)

TO EXTEND RAILWAY.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Four miles of track will be laid by the Pacific Coast Railway within the next few weeks to facilitate oil development on the Bell Ranch near Los Alamos.

BAKERSFIELD, Kern Co., Cal.—The City Council has instructed City Engineer Ray to proceed with plans and specifications for the paving of Eighteenth and Seventeenth streets from I to A street through eight blocks of residence and business section.

SEWER AND PAVING WORK PLANNED.

SANTA ROSA, Sonoma Co., Cal.—At the last meeting of the City Council plans and specifications for the storm drain on Fourth street were accepted, and the street committee ordered to provide for the completion of the storm drain on Fourth street.

Specifications for the improvement of Fourth street were received and adopted and a resolution adopted to authorize the work of improving the street between Mendocino avenue and the Northwestern Pacific depot.

CEMENT BID UNDER ADVISEMENT

SANTA ROSA, Sonoma Co., Cal.—The City Council has taken the bid of L. B. McGuire, 2nd and Railroad Ave., Santa Rosa, under advisement for furnishing the city with 450 barrels of cement to be delivered at Santa Rosa.

PAVING BIDS UNDER ADVISEMENT

MERCED, Merced Co., Cal.—The matter of awarding a contract for paving "K," "J," "O" and Twenty-second streets and a number of alleys has been laid over by the City Trustees. The lowest bid was submitted by J. H. Shafer, 220 W-23rd street, Los Angeles, at $54,039. The City Engineer's estimate is $49,500.

Other bidders were: E. Schilling, Fresno; A. Teichert & Son, Sacramento; G. R. Daley, San Diego, and the Worswick Company.

SEWAGE WORK PLANNED.

SANTA ROSA, Sonoma Co., Cal.—Milo B. Williams of the U. S. Department of Agriculture and W. W. Weir, a soil expert of Berkeley, were present at the last meeting of the City Council and presented plans for the disposal of the sewage on the sewer farm and for drainage of the land. The plan is the same as is used in many of the cities of the state and met with the instant approval of the council.

Blue prints were presented showing the farm would be piped with 14-inch mains and every few yards a hydrant or standpipe would be used to carry the sewage on to the land, which will have to be leveled before this can be done.

The seepage will be taken care of by means of irrigation pipes, which necessitates a separate system. Both systems and the cost of leveling the land are included in the estimate of $6,000 for the entire farm. Action will be taken at the next meeting of the

PAVING BIDS WANTED.

STOCKTON, San Joaquin Co., Cal.—The City Council has ordered bids received up to April 10th for the removal of the basalt blocks on Hunter, San Joaquin, Sutter and Washington streets and for the transportation of the blocks to the city pumping plant. Pavement similar to the rest of the street will be substituted. . The city engineer's estimate for the work is $3641.43.

PAVING BIDS WANTED.

STOCKTON, San Joaquin Co., Cal.—Bids are being received by City Clerk G. W. Pulich up to April 10th, 10:30 A. M. for the following work:

The improvement of portions of Hunter, San Joaquin, Sutter and Washington streets, by grading, which includes the removal of the present basalt blocks and hauling same to the yards at the sewer pumping station, and constructing new pavement, consisting of a Topeka wearing surface one and one-half inches thick on a concrete foundation five inches thick. Certified check of 10%, payable to City Clerk, must accompany each bid.

STREET WORK BIDS WANTED.

RICHMOND, Contra Costa Co., Cal.—Bids are being received by City Clerk A. C. Faris, up to April 16th, 8 P. M., for the following street work:

That the alley in Block 2, Richmond Park, from Barrett avenue to Ripley avenue excluding all intersections and terminations therein contained, be graded to the official lines and grades; paved with a 5-inch concrete base with a wearing surface consisting of asphalt and stone screenings; that redwood headers be constructed thereon. Certified check of 10% payable to City of Richmond must accompany each bid.

PAVING PLANS ORDERED.

RIVERSIDE, Riverside, Co.,. Cal—The Common Council has instructed the City Engineer to prepare plans for the proposed completion of the improvement of Magnolia avenue.

SEWER DISPOSAL SYSTEM PLANNED.

MADERA, Madera Co., Cal.—The engineering firm of Haviland & Tibbetts, Alaska Commercial Bldg., San Francisco, appeared before the Madera Trustees at their last session and offered to assist the City Engineer in preparing an estimate of cost on a sewer system that would taken care of the City's present needs and which could be added to at later dates, as the necessity arose. Haviland & Tibbetts offered plans for an Imhoff tank for sewer disposal. The matter was laid over until next meeting.

BIDS WANTED FOR CONCRETE POLES.

SAN FRANCISCO, Cal.—The Board of Public Works has approved specifications for the construction of concrete poles for the Church Street Municipal Railway and bids have been ordered received up to April 11th. Plans may be had from the City Engineer's office, 3rd Floor, City Hall.

FIRE MAIN MATERIAL CONTRACT AWARDED.

HANFORD, Kings Co., Cal.—The City Council has awarded a contract to the United States Cast Iron Pipe & Foundry Co., Monadnock Bldg., San Francisco, for furnishing material for the proposed fire main extension and repairs.

The bid was as follows: For 24,000 feet of 6-inch pipe, $69.20 per ton; for 2400 feet of 4-inch pipe, $63.20 per ton; standard special fittings, $95 per ton. Edward Lynch is City Engineer. (13152). 1st report Dec. 29, 1915; 4th Mar. 31, 1917.

BIDS WANTED FOR SACRAMENTO STREET AND SEWER WORK.

SACRAMENTO, Cal. City Clerk M. J. Desmond will receive bids up to April 17th, 11 A. M., for the following street and sewer work:

That the alley bet. Sacramento Blvd. and Thirty-ninth street be improved from 5th Ave. to 7th Ave. by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the manhole in place on 5th Ave. to the N line of 7th avenue; constructing one concrete manhole complete; placing 17 6-inch vitrified ironstone wye branches on 8-inch vitrified ironstone pipe sewer, and backfilling the trench.

That the alley bet. Thirty-ninth street and La Solidad Way be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the manhole in place on Fifth avenue to the N line of Seventh avenue; constructing 1 concrete manhole; placing 14 6-inch vitrified ironstone wye branches on 8-inch pipe sewer and backfilling the trench.

That the alley bet. Santa Ynez Way and Thirty-sixth street be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the south line of Folsom Blvd. to a point 2 feet N from the N line of "P" street; constructing 2 concrete manholes complete; placing 30 6-inch vitrified ironstone wye branches on 8-inch pipe sewer and back filling the trench.

That Santa Clara Way, Catala Way and Forty-second street be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer on Santa Clara Way from the manhole in place on Third avenue to a point 101 feet S from the S line of Second avenue; constructing an 8-inch vitrified ironstone pipe sewer on the center line of Catala Way from the center line of Santa Clara Way to a point 190 feet easterly therefrom; constructing an 8-inch vitrified ironstone pipe sewer on Forty-second street from the manhole in place 50 feet northerly from the center line of Third avenue to a point 484 feet northerly therefrom; constructing 4 concrete manholes complete with cast iron curbs and covers; placing 53 6-inch vitrified ironstone wye branches on 8-inch sewer and backfilling the trenches.

That San Jose Way, be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the manhole in place on Fifth avenue to a point 118 feet S from the S line of Fourth avenue; excavating a trench and constructing therein a 6-inch vitrified ironstone pipe sewer from the last named point to a point 58 feet S from the S line of Fourth avenue; constructing 1 concrete manhole complete; placing 16 6-inch vitrified ironstone wye branches on 8-inch pipe sewer; placing 4 6-inch vitrified ironstone wye branches on 6-inch pipe sewer and backfilling the trench.

That Second avenue in Boxler Tract, be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer in the sidewalk space between the concrete walk and curb on the N side of Second avenue from a point 344 feet W from the W line of Freeport Blvd to a point 20 feet E from the W line of Freeport Blvd.; thence SE to a manhole in place in the intersection of Second avenue with Freeport Blvd.; also

That Freeport Blvd.be improved, by excavating a trench and constructing therein a 6-inch vitrified ironstone pipe sewer on a line parallel to and 20 feet E from the W line of Freeport Blvd., from a point 6 feet S from the N line of Second avenue produced E to a point 10 feet N from the S line of Lot No. 4 in Block 2, Boxler Tract, produced E; placing 7 6-inch vitrified ironstone wye branches on 8-inch pipe sewer; placing 3 6-inch vitrified ironstone wye branches on 6-inch pipe sewer; constructing 2 concrete manholes complete, and backfilling the trenches.

That the easement in the block bet. Third and Fourth avenues and bet. Fortieth street and Forty-second St. be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the sewer in place on 40th street and 1½ feet S from the N line of Lot No. 31 in the aforesaid block produced W thence E and through the N 3 feet of Lots numbered 31 to 41, both inclusive, to a point 2 feet W from the E line of Lot No. 41; constructing a 6-inch vitrified ironstone pipe sewer from the last named point E through the N 3 feet of Lots numbers 42, 43 and 44, to the E line of Lot number 44; also constructing a 6-inch vitrified ironstone pipe sewer from the sewer to be constructed through the N 3 feet of Lot No. 43, N through the W 3 feet of Lots numbers 18 and 17 to the S line of Lot number 16; constructing 2 concrete manholes complete with cast iron curbs and covers; placing 25 6-inch vitrified ironstone wye branches on 8-inch sewer; placing 6 6-inch vitrified ironstone wye branches on 6-inch sewer, and backfilling the trenches.

That the easements in H. J. Goethe Co. Subdivision "G," be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the sewer in place in the NW corner of Lot No. 4405, and thence S through the 3 foot easement and right of way on the W side of Lots 4405, 4406, 4407, 4408 and 4409 to a point 2 feet N of the S line of Lot 4409; constructing a 6-inch vitrified ironstone pipe sewer from the last-named point E to the NE corner of Lot 4412, all situated in H. J. Goethe Co. Subdivision "G;" constructing 1 concrete manhole complete; placing 7 6-inch vitrified ironstone wye branches on 8-inch sewer; placing 3 6-inch vitrified ironstone wye branches on 6-inch sewer, and backfilling the trench.

That the alley bet. Discovery Way and Forty-ninth street, Elmhurst, be improved by excavating a trench and constructing therein an 8 inch vitrified ironstone pipe sewer from the manhole in place in the alley first N of "T" street to the manhole in place on "R" street; constructing 1 concrete manhole complete; placing 22 6-inch vitrified ironstone wye branches on 8-inch sewer and backfilling the trench.

City Clerk Desmond will also receive bids up to April 12th, 11 A. M., for the following improvements:

That Marshall Way in Oak Grove, from the E line of Franklin Blvd. to the W line of Thirty-third street, be improved, by constructing concrete curb; concrete gutter; placing cast iron gutter drains with 6-inch vitrified ironstone sewer pipe elbows attached; 6 and 8-inch vitrified ironstone sewer pipe drains; constructing 1 concrete manhole; grading the sidewalk area, and constructing thereon concrete sidewalk; filling in behind the curbs with earth; grading the roadway and constructing thereon an asphaltic concrete pavement, consisting of a hydraulic concrete foundation 4 inches thick, an asphaltic cement flush coat, and an asphaltic concrete wearing surface 1½ inches thick.

BRIDGE BIDS WANTED.

BIDS WANTED FOR STREET WORK

FRESNO, Fresno Co., Cal.—Bids will be received by City Clerk W. H. Ryan up to April 16th, 5 P. M. for the following work:

That Madison avenue, from Fresno Avenue to North Ninth Street, be graded, curbed with cement concrete curb, oiled, and culverted with corrugated iron culverts.

Also that artificial stone sidewalks (where not already laid to the official grade) be laid on both sides of Madison Avenue, from Fresno Avenue to North Ninth Streets.

That Grant Ave. from North First St. to North Ninth St., be graded, curbed with cement concrete curb, oiled and culverted with corrugated iron culverts.

That an artificial stone sidewalk five (5) feet in width be constructed on and along each side of Inez Street, from Tulare to Kern Avenue

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That Mariposa Street from "F" St. to "G" St. on both sides of said street be curbed and guttered with cement concrete curbs and gutters.

BIG SEWER PROJECT PLANNED.

RICHMOND, Contra Costa Co., Cal. —As soon as the consent of M. Emanuel, president of the Ellis Landing and Dock Company, can be secured for an easement through that company's property on South Tenth street, work will be started on a $95,000 storm sewer.

The sewer will be of construction large enough to warrant it being used for both storm and sanitary sewage.

When installed, according to the city engineer's office the sewer will drain all property between the Southern Pacific tracks and Santa Fe tracks on north Tenth street and from Sixteenth street to Sixth street in the district south of Macdonald avenue.

ENGINEER SELECTED FOR IRRIGATION WORK.

PARADISE, Butte Co., Cal.—C. D. Curry, engineering draftsman, 41 Carl street, San Francisco, has arrived from San Francisco and started work under Chief Engineer I. E. Goodner, of the Paradise Irrigation District. Curry will be employed on profile work, and cross sections, computing quantities to be excavated.

AUBURN PLANS PAVING.

AUBURN, Placer Co., Cal.—All former proceedings in regard to the paving work planned here have been annulled by the City Trustees and a new set of resolutions have been passed and adopted.

The streets to be paved are divided into three districts, and the cost will be assessed according to the width of the streets in the different districts.

STOCKTON AWARDS STREET PAVING CONTRACTS.

(By Special Wire)

STOCKTON, San Joaquin Co., Cal.—City Trustees have awarded contracts to Clark & Henery, 38 South Sutter street, Stockton, for street paving and other improvement sin the McCloud Addition, North Stockton, on their bid of $37,906.38 and for the improvement of West for $4,731.40 and $4,748.12. Bids for this work were opened before on March 23rd and rejected.

23, 1917.

TO IMPROVE STREETS UNDER PRIVATE CONTRACT.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works has granted permission to F. S. Buckman to improve La Playa street between Balboa and Cabrillo and between Cabrillo and Fulton.

PAVING CONTRACT AWARDED.

RIVERSIDE, Riverside Co., Cal.—The County Supervisors have awarded a contract to Von Reader & Smythe, Coachella, Riverside County, for the completion of the Coral Reef Road on their bid of $22,383.74. The only other bid submitted was for $31,945.22. The contract is for a 15-mile stretch which will be graded and portions of it graveled.

PAVING PLANNED.

HOLLISTER, San Benito Co., Cal.—The Town Board is considering the paving of a number of streets. Bids will be ordered received at the next meeting for the improvement of West street between Fourth and B streets.

CONTRACT AWARDED FOR STREET IMPROVEMENT.

WHITTIER, Los Angeles Co., Cal.—Fairchild-Gilmore-Wilton Company, Pacific Electric Bldg., Los Angeles, was awarded the contract (approximately $73,000) to improve a portion of Painter avenue.

BIDS WANTED FOR STREET IMPROVEMENT.

LOS ANGELES, Cal.—Bids will be received by the Board of Public Works up to 10 A. M. of April 16, for improving the following streets:

First alley NW of Los Angeles St., from Pico street to Fourteenth street, by the construction of concrete pavement. Ord. 36,255.

Seventh street, from a line drawn at right angles to the S line of Seventh street, at a point distant thereon 19.10 feet W from the first angle point W from the W line of Boyle avenue to the produced E line of Utah street, by the construction of bitulithic pavement, cement curb, and cement sidewalks, etc. Ord. 36,257.

Franklin avenue from Wilcox avenue to Whitley avenue, by grading and oiling, and by the construction of concrete gutter, and all other work. Ord. 36,256.

For the construction of a vitrified pipe sanitary sewer in Kenmore avenue from a point 40 feet N from the center line of Hollywood Blvd. to a point 120 feet S from the center line of Franklin avenue. Ord. 36,254.

BIDS WANTED FOR PUMPING UNITS.

LOS ANGELES, Los Angeles Co., Cal.—Bids will be received by the Board of Supervisors up to 2 P. M. of April 30, 1917, for furnishing all labor and material for the construction of two vertical crude sewage pumping units at the County Farm near Downey. Plans and specifications may be obtained at the office of the Board, Hall of Records.

BIDS WANTED FOR GAS PIPING.

SANTA BARBARA, Santa Barbara Co., Cal.—The Midland Counties Public Service Corporation has applied to the Board of Supervisors for a franchise to construct a system of gas pipes in certain roads and highways in Santa Barbara county. Bids will be received up to 2 P. M. of May 7. C. A. Hunt is the County Clerk.

BIDS WANTED FOR PAVING.

BAKERSFIELD, Kern Co., Cal.—City Engineer Robert Ray has been instructed to prepare plans and specifications for the paving of the alley from I to A streets, between Seventeenth and Eighteenth streets.

BIDS WANTED FOR GRADING.

SANTA ANA, Orange Co., Cal.—Bids will be received by the Board of Supervisors up to 2 P. M. of May 1, for grading a county road in San Julian Hot Springs Canyon. Plans and specifications are on file with County Surveyor McBride.

TO START WORK SHORTLY ON BIG DAM.

— TO CONSTRUCT HIGHWAY.

BEAUMONT, Riverside Co., Cal.—The Board of Supervisors of Riverside County has adopted a resolution of intention for highway work in a road district recently formed in Beaumont. The work will cost, as estimated, $46,826.78, and will comprise about 4.1 miles of roadway, as follows: 10,547.45 feet on Beaumont avenue; 5,939.55 feet on Brookside avenue, and 5194.6 feet on Woodland avenue. Plans and specifications are on file at the office of the clerk of the Board, A. B. Pilch. C. R. Twinning was recently appointed engineer for the district and will superintend the work.

SEWER & STREET BIDS WANTED.

OAKLAND, Cal.—Clerk L. W. Commings will receive bids up to April 19th 12 M., for the following work:

That 86th avenue from E street to G street, and G street from the SE line, produced, of 86th avenue to the NW line, produced, of 85th avenue, as it exists between Amelia and G streets, each, be graded, curbed with redwood, guttered with concrete gutters, three feet wide, paved with oil-macadam, and sidewalked with cement sidewalks, six feet wide; also

That 85th Ave. from G street to the NW line of the Right of Way of the Western Pacific Railway Company be graded, curbed with redwood, guttered with concrete gutters, three feet wide, paved with oil-macadam and sidewalked with cement sidewalk, five feet wide ;also

That a vitrified pipe conduit be constructed; that four brick storm water inlets with tops of cast iron be constructed; five brick manholes; vitrified pipe conduit, having an internal diameter of 10 inches; a vitrified pipe sewer, having an internal diameter of 8 inches; that the following structures be built on said sewer: a brick manhole; a vitrified pipe lamphole, and enough "Y" branches, each having a 5-inch opening, to provide one such branch for each 40 foot lot, and fractional lot remaining, into which the abutting property frontage is capable of being divided. Certified check of 10%, payable to the City of Oakland.

Contracts Awarded.

STREET IMPROVEMENT CONTRACT AWARDED.

SACRAMENTO, Cal.—The bid of the McGillivray Construction Company, 717 Capitol National Bank Bldg., Sacramento, for the improvement of Seventh street from G to I streets was accepted by the City Commission. The improvement will cost about $5,000.

(14582). 1st report Mar. 17, 1917.

AWARD CONTRACTS FOR FRESNO STORM SEWERS.

(By Special Wire)

FRESNO, Fresno Co., Cal.—A number of bids were opened today by the City Council for the construction of a new storm water sewer system, as designed by the City Engineer.

Stanley & Manning of Fresno were awarded the contract for Section 1 at $45,619.70 and James Kennedy, of Los Angeles, the contract for Section 2 at $43,155.90.

(14124). 1st report Feb. 21; 2nd Mar. 10, 1917.

PIPE AND CULVERT CONTRACT AWARDED.

SPOKANE, Wash.—Crane Co., of Spokane, have the order for 15 tons of "B" 4-inch cast iron pipe at $56.50 per ton f. o. b. factory with freight allowed to Spokane.

Contract for 1000 feet of 10½-inch corrugated drain pipe was let to Thos. G. Bush & Co., at 77c per foot f. o. b. city yards.

(14979)

CONTRACT AWARDED FOR STORAGE-BASIN AND SEWER.

BRAWLEY, Imperial Co., Cal.—Contract for construction of concrete storage-basin and 1700 feet of 15-in. sewer has been awarded to Mlagenovich & Gillespie, 3920 Wisconsin street, Los Angeles, for $12,779.20.

(14984)

CONTRACT AWARDED FOR STREET IMPROVEMENT.

LONG BEACH, Los Angeles Co., Cal. Fairchild-Gilmore-Wilton Company, Pacific Electric Building, Los Angeles, was the lowest bidder and was awarded the contract at $50,976.08 for the improvement of portions of Anaheim street between Daisy avenue and Orange avenue, and portions of Cedar avenue between Anaheim and Fourteenth streets, and portions of Cedar avenue, Lime avenue and other streets.
(14794). 1st report Mar. 26, 1917.

CONTRACT AWARDED FOR PAVING.

VENTURA, Ventura Co., Cal.—The Brashear-Burns Co., Van Nuys Bldg., Los Angeles, was the lowest bidder at $31,601.66 for improving Division 3, Fillmore to Piru road, consisting of 7.54 miles of 4-inch concrete paving 16 feet wide, and constructing concrete and metal pipe culverts.
(14621). 1st report Mar. 19, 1917.

CONTRACT AWARDED FOR STREET IMPROVEMENT.

LOS ANGELES, Los Angeles Co., Cal.—Bryant & Austin, Inc., 1650 Compton avenue, Los Angeles, have been awarded a contract at $38,975.57 for the improvement of Bronson avenue from Willshire boulevard to Country Club Drive and in other streets and public places.

LOW BIDDER FOR SEWER WORK.

LOS ANGELES, Los Angeles Co., Cal.—John Balch, Los Angeles, was the lowest bidder at $47,900 for the construction of a sewer in Fountain avenue from Seward street to Stanley avenue and in other streets and sewer rights-of-way. James Kennedy bid $53,000; Leo Miletich, $59,000.
(15023)

HIGHWAY AND BRIDGE CONTRACTS AWARDED.

SACRAMENTO, Cal.—The Sacramento County Highway Commission has awarded contracts to the Clark & Henry Construction Co., Ochsner Bldg., Sacramento, for the paving of highways Nos. 3-4-6-7-8-9 (23 miles) on their bid of $106,260.65. The same firm was also awarded the contract for the construction of bridges and culverts at $11,862.40.

The plans and specifications call for a concrete base, with a minimum thickness of four inches and fifteen feet wide in all cases, with the exception of Elk Grove and Florin, where the roadway is to be sixteen feet in width.

The complete list of bids received follow:

Burns, Jacinto & DaRosa, Sacramento, 8-9, $40,529.27; 3-4, $69,698.40; 6-7, $36,764.31.

F. E. Frey, Sacramento, bridges and culverts only, 6-7, $4,816.15.

Jos Lawrence, Broderick, 3-4, $68,567.16; 6-7, $34,934.61; 8-9, $36,760.37.

A. Teichert & Son, Sacramento, 8-9, $43,876.05; 3-4, $68,432.49; 6-7, $36,133.49.

Jenkins & Wells, Sacramento, bridges and culverts, only, 3-4-6-7-8-9, $16,837.37.

C. H. Gorrill, San Francisco, 3-4, $69,435.20; 6-7, $32,346.67; 8-9, $38,752.72.

Clarke & Henery, Sacramento, 3-4-6-7-8-9, $118,123.25.

M. B. Blumenkrantz, Sacramento, 6-7, $33,816.44.

C. E. Cotton, San Francisco, 3-4-6-7-8-9, bridges and culverts only, $19,602.54.

Whitlock & Gorrill, San Francisco, 3-4, $60,287.58; 6-7, $34,338.65; 8-9, $39,166.52.

S. M. Whitlock, San Francisco, 6-7-8-9, $70,905.89.

Contra Costa Constr. Co., Berkeley, 8-9, $38,449.95; 3-4, $59,946.90; 6-7, $35,951.96.

SIDEWALK CONTRACT AWARDED.

REDWOOD CITY, San Mateo Co., Cal.—The County Supervisors have awarded a contract to Rice & McGarvey, Redwood City, for the construction of artificial sidewalks fronting the new jail property on Webster street.

HIGHWAY CONTRACT AWARDED.

SEATTLE, Wash.—The Washington Paving Co., L. C. Smith Bldg., Seattle, has been awarded the contract for the Renton Junction-Duwamish highway surfacing on their bid of $65,842. Construction will be of concrete.

This road officially known as Permanent Highway No. 3-D, involves 44,700 square yards of paving, 42,000 feet lumber and about 19,000 feet of road.

CONTRACT AWARDED FOR CONDUIT MATERIAL.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works has awarded a contract to the Johns-Manville Co., Howard and Second Sts., for furnishing conduit material for use in the construction of the Municipal Railway and a request of $1,825 has been made to the Supervisors to
(15051)

STREET WORK CONTRACT AWARDED.

OAKLAND, Cal.—The City Council has awarded a contract to A. H. Kopperud, 2030 High street, Oakland, for the following work:

That 44th avenue, from SW line of E-14th street, to a line parallel to and distant 100' NE measured at right angles, from the NE line of E-10th street, be graded, curbed with redwood, guttered with concrete gutters, three feet wide, paved with oil-macadam, and side-walked with cement sidewlaks, six feet wide.

ROAD CONTRACT AWARDED.

ASTORIA, Ore.—E. A. Gerding has been awarded the contract for the improvement by grubbing, grading and clearing of 5200 feet of the Astoria-Nehalem county road on his bid of $11,976.83.

STREET IMPROVEMENT CONTRACT AWARDED.

SAN FRANCISCO, Cal.—The Board of Public Works has awarded a contract to C. B. Eaton, 407 11th St., at $1,204 for the improvement of Ocean avenue bet. Harold and Phelan avenues, produced; by the construction of concrete curbs and by the construction of an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface on the roadway thereof.

STORES AND OFFICES.

SAN FRANCISCO—Store and loft, 2, 2 story and base, Class C construction, $12,000 each. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owner's name not given. Location, northeast Sutter and Stockton streets, covering areas of 25 by 70 and 30 by 49 feet. Plans complete and figures being taken.

SAN FRANCISCO—Market and rooms, 2 story and base, brick, $18,000. Architect, none. Owner, A. Grahucci, 334 Washington street, S. F. Location, 30th and Mission streets. Will contain a large market on the first floor and rooms above. Plans complete and owner to let contracts.

SAN FRANCISCO—Market and halls, 1 and 2 story, Class C construction, $15,000. Architect, Paul De Martini, 2123 Powell street, S. F. Owner, De Martini Estate. Location, northwest Union and Grant avenue, covering an area of 50 by 100 feet. Plans complete and figures being taken.

LOS ANGELES, CAL.—Stores and lofts, 2, 10 story and base, Class A construction, $350,000. Architect, Frank L. Stiff, Van Nuys Bldg., L. A. Engineer, George W. Harding, Hellman Bldg., L. A. Owner, M. J. Connell. Location, Los Angeles between 7th and 8th streets, covering areas of 80 by 154 and 62 by 167 feet. Plans complete and work to be done by subcontract.

TACOMA, WASH.—Market, 2 story and base, brick, $120,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, Stanton and Hill. Location, Market and 11th streets, covering an area of 220 by 465 feet. Plans are being prepared.

MANTECA, SAN JOAQUIN CO., CAL.—Stores, 2 story and base, brick, $18,000. Architect's name not given. Owners, Wells & Pezzoni, Manteca. Will contain stores on the first floor and either rooms or offices above. Plans are complete and work being done by Day Labor.

Contract Awarded.

SACRAMENTO, CAL.—Office building reconstruction, 5 story and base, Class A construction, $100,000. Architects, Woollett & Woollett, Highland Place and Ridge Road, Berkeley, and Sacramento. Owners, Physicians' Building. Contractor, George D. Hudnutt, California Fruit Bldg., Sacramento. Contract price, $100,000.

THEATRES.

Contract Awarded.

CORONADO, SAN DIEGO CO., CAL.—Theatre, 1 story and base. Class C construction, $60,000. Architect, Harrison Albright, Spreckels Bldg., San Diego. Owners, John D. Spreckels. Contractors, Wurster Construction Co., Spreckels Bldg., San Diego. Contract price, $60,000.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

SEALED proposals will be received by the undersigned until two o'clock P. M., Saturday, April twenty-eighth, 1917, at the office of the President of the Board of Education of Churchill County, Fallon, Nevada, for the furnishing of all labor and materials re-

quired in the construction of a County High School Building, to be erected at Fallon, Nevada, in accordance with drawings and specifications prepared by Wilson & Eaton, Architects, American National Bank Building, Monrovia, California.

Drawings and specifications can be obtained from the Clerk of the School Board, Fallon, Nevada; at the Builders' Exchanges in the following cities: San Francisco, California; Sacramento, California; Ogden, Utah; Salt Lake City, Utah, and at the offices of the Architects.

Contractors desiring drawings and specifications will be required to deposit twenty ($20.00) dollars in cash or certified check for that amount, to guarantee the return of the drawings and specifications. In the event that drawings and specifications are retained during the entire period allowed for estimates, and the contractor shall fail to enter a bid for this work, he shall forfeit one-half, ten ($10.00) dollars of the amount of the deposit.

Blank forms of proposal are attached to the specifications, and must be used by contractors in submitting their estimates.

All proposals must be addressed to the Clerk of the County Board of Education, Fallon, Churchill County, Nevada,, and the envelopes plainly marked "Proposals for School Building," and must be accompanied by a certified check for five per cent (5%) of the amount of the bid, made payable to the Clerk of the County Board of Education, Fallon, Churchill County, Nevada. (*)

PROPOSALS FOR PLUMBING.

PLUMBING—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. April 17, 1917,** for a woman's new toilet room, etc., in the United States public building at Cheyenne, Wyo., in accordance with the specification and drawing, copies of which may be had at this office or at the office of the custodian at Cheyenne, Wyo., in the discretion of the Supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR HEATING.

HEATING — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. May 11, 1917,** for a new system of conduit and wiring and alterations in heating system in the United States assay office at Boise, Idaho, in accordance with drawings and specification, copies of which may be had at this office, or at the office of the custodian at Boise, Idaho, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals, indorsed "Proposals for Three Magazine Buildings, Kuahua, Hawaii," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **3 o'clock p. m. May 7, 1917,** and then and there publicly opened, for one magazine building having concrete foundation walls, reinforced concrete floor, platform and steps, hollow terra cotta tile walls, wood framed roof covered with asbestos shingles, and wood floor on sleepers; one filling house of wood frame construction, built on concrete piers, having the walls and roof covered with corrugated steel; and one test house of wood frame construction built on concrete piers, the exterior walls covered with rustic siding, the roof covered with asbestos shingles, and the interior walls and ceilings sheathed at the navel ammunition depot, Pearl Harbor, Hawaii. Drawings and specifications (No. 2343) may be obtained on application to the bureau or to the commandant of the naval station, Pearl Harbor, Hawaii. Bids will also be received at the naval station, Pearl Harbor, Hawaii, until **9:30 a. m. May 7, 1917,** and then and there publicly opened. F. R. HARRIS, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for One Magazine for War Heads, Puget Sound, Wash.," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. April 23, 1917,** and then and there publicly opened, for one magazine for war heads, having concrete foundations, platform and floor base, wood floor, stuccoed hollow tile walls and steel roof trusses sheathed and covered with asbestos shingles at the Pacific Coast Torpedo Station, Keyport, Wash. Drawings and specifications (No. 2339) can be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. F. R. HARRIS, chief of bureau.

PROPOSALS FOR VESSEL REPAIRS

VESSEL, REPAIRS TO — Sealed proposals will be opened by the light house inspector, San Francisco, Cal., at **2 o'clock p. m. April 16, 1917,** for docking and repairing San Francisco Light Vessel No. 70. Information upon application to the above office.

PROPOSALS FOR FUEL.

FUEL—Sealed proposals will be opened by the light house inspector, Ketchikan, Alaska, at **2 o'clock p. m. May 28, 1917,** for furnishing approximately 500 tons steam coal for light house tenders at Cordova, Kodiak and Unalaska, Alaska, and 3,000 barrels fuel oil at Ketchikan and Juneau, Alaska, and recharging approximately 1,000 cylinders with acetylene gas. Information upon application to the above office.

PROPOSALS FOR DREDGE.

DREDGE—Office of the General Purchasing Agent, Alaskan Engineering Commission, Washington, D. C.—Sealed proposals will be received here until **April 23, 1917,** under circular 258 for furnishing one steam-driven suction dredge. For further information address C. E. DOLE, general purchasing agent.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals for the construction of canals on the Shoshone project, involving about 30,000 cubic yards of excavation, will be received at the office of the United States Reclamation Service, Powell, Wyo., until **2 o'clock p. m. April 18, 1917.** The work is located near Mantua Wyo., on the C. B. & Q. Railroad. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Powell, Wyo. A P. DAVIS, chief engineer.

PROPOSALS FOR EARTHWORK.

EARTHWORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Malta, Mont., until **2 o'clock p. m. April 25, 1917,** for earthwork, Nelson Reservoir South Canal, Milk River project, involving about 7,500 cubic yards of excavation and 7,500 cubic yards of earth lining. The work is located about ten miles from Saco, Mont., on the Great Northern Railway. For particulars address the United States Reclamation Service, Malta, Mont.; Denver, Colo., or Washington, D. C. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

DREDGE FOR SALE.

BIDS will be received at the office of W. J. Roberts, Chief Engineer, Inter-County River Improvement, 401 Court House, Tacoma, Washington, **until noon April 22, 1917, for the purchase of a 20-inch hydraulic electric dredge with pontoons, pipe, derrick scow and other equipment.** Each bid must be accompanied by a certified check for 5% of amount bid, payable to the Treasurer of Pierce County, Washington. Full information on application. (*)

JULES GODART DIES.

It is with deep regret that we learn of the death of Architect Jules Godart. The following letter written by Architect W. J. Cuthbertson expresses the kindly feeling in which Jules Godart's memory is held by his fellow architects:

"Editor of Pacific Builder,

Dear Sir:—

Mr. Jules Godart, The Architect, died on March 18th, aged 75 years. He was one of the most distinguished of the ante-earthquake architects—was the architect of the Metropolitan Temple on 5th street; the Windsor Hotel, 5th and Market; the Alameda Hall of Records in Oakland, and many other buildings in San Francisco and Portland, all worthy specimens of the best architecture.

Please eliminate his name from your Roster of Architects; although it will not be eliminated from the memories of those who knew him and from those of the younger members of the profession who received inspirations from his works and correction from his genial criticism.

Yours truly,

W. J. CUTHBERTSON."

POSTAGE STAMPS FOR SPECIAL SERVICES.

Consul General Alban G. Snyder reports from Panama City under date of March 1, that the President of Panama has issued a decree authorizing an extra charge of 1 cent in addition to the regular postage on all delayed letters, that is, letters posted after the hours fixed for the closing of the mails, and special stamps are authorized for this service as well as for registered letters and notices of receipt.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, $18,000. San Francisco. Architect, J. F. Dunn, Phelan Bldg., S. F. Owner, Mrs. A. Wilson. Location Pine near Mason, covering an area of 30 by 67 feet. Will contain twelve apartments of three and four rooms. Plans are being revised.

APARTMENT HOUSE—3 story and base, frame, $30,000. San Francisco. Architect, Joseph Cahen, 333 Kearny street, S. F. Owners, Joseph Cahen and James Oppenheimer. Location, south Washington east Presidio. Will contain five residential apartments of five and six rooms. Plans complete and segregated figures being taken.

APARTMENT HOUSE—5 story and base. Class C construction, $85,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Anton Rulfs. Location, north Geary west Leavenworth. Will contain 36 apartments of two and three rooms. Plans complete and segregated figures being taken.

RESIDENCES—3, 2 story and base, frame, $6,000 each. San Francisco. Architect, none. Owner, Allen & Co., 125 Sutter street, S. F. Location, Cliff avenue. Each house will contain eight rooms, two baths and basement garage. Plans are being prepared.

RESIDENCE—2 story and base, frame, $6,500. San Francisco. Architects, Foulkes & Hildebrand, Crocker Bldg., S. F. Owner, Herbert F. Hellwig. Contractor, William McIntosh, 975 Clayton street, S. F. Contract price, $6,500.

FLATS—3 story and base, frame, $10,000. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner, Mrs. Sigrest. Location, north Washington between Powell and Mason. Will contain three large residential flats. Plans are complete and bids will be called for shortly.

FLATS—2 story and base, frame, $4,000. San Francisco. Architect, none. Owner, E. Coleman, 5516 Geary street, S. F. Location, west 19th avenue north Geary. Will contain two flats of five rooms each and basement garage. Plans are complete and work will be done by Day Labor.

MARKET AND HALLS—1 and 2 story. Class C construction, $15,000. San Francisco. Architect, Paul De Martini, 2123 Powell strete, S. F. Owner, De Martini Estate. Location, northwest Union and Grant avenue, covering an area of 50 by 110 feet. Plans complete and figures being taken.

MARKET AND ROOMS — 2 story and base, brick, $18,000. San Francisco. Architect, none. Owner, A. Grahucci, 334 Washington street, S. F. Location, 30th and Mission streets. Will contain a large market on the first floor and rooms above. Plans complete and owner to let contracts.

STORES AND LOFTS—2, 2 story and base. Class C construction, $12,- each. San Francisco. Architect, Smith O'Berin, Humboldt Bank Bldg., S. F. Owner's name not given. Location, northeast Sutter and Stockton streets, covering areas of 26 by 39 and 30 by 49 feet. Plans complete and figures being taken.

APARTMENT HOUSE—4 story and base, brick, $56,000. San Francisco. Architect, none. Owner, John Dempniak, 1665 Washington street ,S. F. Location, east Mason street south Bush, covering an area of 49½ by 84 feet. Will contain 27 apartments of two, three and four rooms. Plans are complete and work to be done by Day Labor.

HOTEL AND STORES—Cost not stated. San Francisco. Architect's name not given. Loring B. Doe, of the Doe Estate Co., 16 California street, is the authority for the announcement that the Doe Estate will improve the gore corner of Market, Hayes and Larkin streets. The property is now the largest vacant holding on Market street between the Ferry and Valencia street. A high class hotel, apartment and store building is to be erected. Mr. Doe states that further information will be given later. Architect Will H. Toepke, 46 Kearny street, has prepared plans for a building on this property, but Mr. Doe does not mention his name in particular.

RESIDENCE—3 story and base. Class C construction, $30,000. San Francisco. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Mr. Booth. Location, Baker street. Will contain fourteen rooms, several baths and sleeping porch. Separate garage. Plans are being prepared.

APARTMENT HOUSE—7 story and base, reinforced concrete, $150,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Lafayette Realty Co. Location, southwest Sacramento and Gough, covering an area of 55 by 100 feet. Wil contain fourteen residentian apartments of six rooms and two baths each. Plans being figured.

FLATS—2 story and base, frame, $4,000. San Francisco. Architect, none. Owner, Thomas McKee, 183 Saturn street, S. F. Location, south Saturn west Temple. Will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE 2 story and base frame, $6,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner's name not stated. Location, Forest Hill. Will contain six rooms, bath and basement garage. Plans are being prepared.

HOTEL ALTERATIONS—3 story, frame, $6,500. San Francisco. Architect, Frank S. Holland, Call-Post Bldg., S. F. Owner, James West. Location, northeast Fillmore and Grove streets. Work will consist of remodeling an old residence into 26 rooms. Plans complete and work to be done by Day Labor.

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Building Contracts Awarded.

SAN FRANCISCO COUNTY.

No.	Owner	Contractor.	Amt.
902	Karpianer	Karpianer	1 50
903	Wellbrock	Wellbrock	850
904	Paris	Paris	1200
905	Ward	Gillogley	1900
906	Triangle	Arlett	10000
907	Wellbrock	Wellbrock	3050
908	Sharon	Taylor	6000
909	Western Pac	Farrell	1500
910	Wrampelmeier	Kelly	20000
911	Plummer	Little	30000
912	Pac Union	McLaughlin	3445
913	Dupuy	S F Elevator	760
914	Livermore	Marcussen	5100
915	Springer	Cox	705
916	Hanify	G G Iron	1250
917	Same	Lissem	1050
918	Same	Montague	1140
919	Same	Butte Eng	5420
920	Same	Knowles	14700
921	Same	Stockholm	15600
922	Same	O'Mara	7023
923	Same	Guilfoy	1140
924	Taylor	Rainey	5450
925	Arnott	Arnott	8250
926	Bessone	Farnocchio	6274
927	Williams	Coburn	1985
928	Giacobbi	McClenahan	4700
929	Devencenzi	Delucchi	500
930	Mattson	Mattson	2000
931	Johnson	Johnson	1000
932	Sartarino	Balestrieri	700
933	Petersen	Frasier	1000
934	Taylor	Hemminga	3000
935	Partridge	Jackson	1500
936	Coleman	Coleman	4000
937	Clunie Est	Fink	450
938	Ward	Gillogley	4875
939	Eichbaum	Petterson	9090
940	R C Archbishop	Lynch	5600
941	Trowbridge	Grahn	1800
942	G S Bakinfg	Petersen	600
943	Same	Same	600
944	Arnaud	Bacigalupi	400
946	Pringle	Pringle	700
947	Parker	Novelty	500
948	Powell St. Imp	Owner	400
949	Hirsch	Weldon	1000
950	Cal Packing	Emanuel	27400
951	Same	Levi	3490
952	Damestri	Crestina	1660
953	Lightner	McIntosh	9338
954	Sylvester	Henrichs	400
955	McDonald	McDonald	1800
956	Levy	Ferguson	450
957	Keystone	Keystone	400
958	Portola Oil	Owner	900
959	Shell Co	Shell Co	600
960	Mer Nt'l Ice	Owner	600
961	Sultan	Johnson	4048
962	Same	Ahlbach	625
963	Same	Cal Elec.	178
964	Langley	Baker	2154
965	Postelwaite	Nelson	3560
966	Mer Nat'l Bk	Barrett	450
967	Woodward	Owner	400
968	Schoenfeld	Pasqualetti	400
969	Pehaeck	Lengsly	1900
970	McKee	McKee	1000
971	Cahen	Oppenheimer	25000

902	Morbeo	Morbeo	2500
903	Nolan	Heckenroth	2054
904	Wellbrock	Frost	23520
905	Brown	Ahlbach	5302

ALTERATIONS
(906) NO 619 BERLIN. Raise and underpin
Owner.....F. S. Karpinski. Premises
Architect.....None
Day's work. COST, $450

ALTERATIONS
(903) NO. 927 FILLMORE. General alterations to dwelling.
Owner.....G. H. Wellbrock, 633 Baker, San Francisco.
Architect.....Arthur T. Ehrenpfort, 373 Russ Bldg., S. F.
Day's work. COST, $850

FRAME DWELLING
(904) NO. 353 DAY. One-story and basement frame dwelling.
Owner.....Joe Paris, Premises.
Architect.....E. J. Welch, 1430 20th, San Francisco.
Day's work. COST, $1200

FRAME FLATS
(905) N DAY 130 E Noe. Two-story and basement frame (2) flats.
Owner.....Patrick Ward and Bernard Walsh, 744 14th, San Francisco.
Architect.....None.
Contractor....J. W. Gillogley, 745 San Jose Ave., S. F.
COST, $4900

CLASS "C" SHOPS
(906) W EIGHTH 135 N Mission. One-story Class "C" shops.
Owner.....Triangle Co., 827 Sheldon Bldg., San Francisco.
Architect.....B. G. McDougall, 827 Sheldon Bldg., S. F.
Contractor....Arthur Arlett, New Call Bldg., San Francisco.
COST, $10,000

ALTERATIONS
(907) NO. 925 FILLMORE. Raise present and alter same for store and apartments.
Owner.....G. H. Wellbrock, 633 Baker, San Francisco.
Architect.....Arthur Ehrenpfort, 373 Russ Bldg., S. F.
Day's work. COST, $3950

REPAIRS
(908) NE TOWNSEND AND SECOND. Repair fire damage to warehouse and offices.
Owner.....Sharon Estate Co., Sharon Bldg., San Francisco.
Architect.....None.
Contractor....Taylor & Goericke, 220 Sharon Bldg., S. F.
COST, $6000

REPAIRS
(909) SE BRANNAN AND EIGHTH. General repairs.
Owner.....Western Pacific Rail Road, Premises.
Architect.....None.
Contractor....Farrell & Reed, 709 Mission, San Francisco.
COST, $1500

ALTERATIONS
(910) S GREENWICH 73 W Van Ness Ave. Alter frame flats into apartments.
Owner.....T. J. Wrampelmeier, 637 Monadnock Bldg., S. F.
Architect.....Walter T. Steilberg, 512 Oakland Bank of Savings Bldg., Oakland.
Contractor....J. H. Kelly.
COST, $20,000

FRAME APARTMENTS
(911) E HYDE 98-9 S Greenwich. Three-story and basement frame (12) apartments.
Owner.....W. A. Plummer, 1350 4th Ave., San Francisco.
Architect.....E. E. Young, 251 Kearny, San Francisco.
Contractor....M. A. Little, 1347 4th Ave San Francisco.
COST, $30,000

ALTERATIONS
(912) NE STOCKTON AND POST. Install partitions, etc for offices.
Owner.....Pacific Union Club.
Architect.....Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor....Jas. L. McLaughlin, 244 Kearny, San Francisco.
COST, $3445

REPAIRING ELEVATOR
(913) NO. 140 TAYLOR. All work for repairing and altering elevator in four-story brick building.
Owner.....Josephine Dupuy. 3065 Pacific Ave., S. F.
Architect.....Oliver Everett, 1940 Webster, San Francisco.
Contractor....San Francisco Elevator Co., 860 Folsom, S. F.
Filed Apr. 2, '17. Dated Mar. 14, '17.
Completed and accepted.....$570
Usual 35 days..... 190
TOTAL COST, $760
Bond, none. Limit, shortest possible time. Forfeit, plans and specifications, none.

RESIDENCE
(914) COMMENCING 117-6¼ W Taylor and 70 S Vallejo 77-6x34-10¾. All work for two-story residence.
Owner.....Helen Eels Livermore, 1023 Vallejo, S. F.
Architect.....Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor....Marcus Marcussen, Royal Insurance Bldg., S. F.
Filed Apr. 3, '17. Dated Mar. 31, '17.
Progressive payments 3d of each month .....
Usual 35 days..... 25%
TOTAL COST, $5100
Bond, none. Limit, 90 days after Apr. 2. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(915) S TWENTY-THIRD 205 W Castro W 25-10xS 114. All work for raising and installing garage in building.
Owner.....Mrs. Anna L. Springer.
Architect.....O. E. Evans & Co.
Contractor....E. Cox and E. Wiegand. 750 Capp, San Francisco.
Filed Apr. 3, '17. Dated Apr. 2, '17.
Raised $176.40
Brick walls in..... 176.40
Completed and accepted..... 176.40
Usual 35 days..... 176.45
TOTAL COST, $705.65
Bond, none. Limit, 30 days after Apr. 2. Forfeit, none. Plans and specifications filed.

IRON WORK
(916) NW EDDY AND FILLMORE W 275xN 137-6. Ornamental iron work for theatre.
Owner.....J. R. Hanify, 24 Market, San Francisco.
Architect.....Reid Bros., California-Pacific Bldg., S. F.
Contractor....Golden Gate Iron Works, 1541 Howard, S. F.
Filed Apr. 3, '17. Dated Mar. 29, '17.
On 7th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1250
Bond, $700. Surey, Massachusetts Bonding & Insurance Co. Limit, without delay. Forfeit, $10. Plans and specifications filed.

(617) BRASS RAILINGS ON ABOVE
Contractor....S. & G. Lissem Co., 1057 Folsom, San Francisco.
Filed Apr. 3, '17. Dated Mar. 23, '17.
Payments same as above.....
TOTAL COST, $1050
Bond, $550. Surety, Massachusetts Bonding & Insurance Co. Limit, 10 days after building ready to receive same. Forfeit, $10. Plans and specifications filed.

(918) ENCAUSTIC.... TILING.... ON above.
Contractor....W. W. Montague & Co., 557 Market, S. F.
Filed Apr. 3, '17. Dated Mar. 23, '17.
Payments same as above.....
TOTAL COST, $1140
Bond, $600. Sureties, Geo. W. Hunt and A. S. Pierson. Limit, 30 days after beg. Forfeit, $10. Plans and specifications filed.

(919) ELECTRICAL WORK ON above.
Contractor....Butte Eng. & Elec. Co., 683 Howard, S. F.
Filed Apr. 3, '17. Dated Mar. 22, '17.
Payments same as above.....
TOTAL COST, $5420
Bond, $3000. Surety, New Amsterdam Casualty Co. Limit, 50 days after fixtures are placed. Forfeit, $10. Plans and specifications filed.

(920) FIREPROOF PARTITIONS, furring and ornamental plastering on above.
Contractor....A. Knowles, 180 Jessie, San Francisco.
Filed Apr. 3, '17. Dated Mar. 31, '17.
Payments same as above.....
TOTA LCOST, $14,700
Bond, $8000. Sureties, Charles Fleck and Fred Hayden. Limit, 15 days after readty to receive same. Limit, $10. Plans and specifications filed.

(921) CARPENTER, PAINTING, glass, hardware and marble work on above.
Contractor....Stockholm & Allyn, Monadnock Bldg., S. F.
Filed Apr. 3, '17. Dated Mar. 21, '17.
Payments same as above.....
TOTAL COST, $15,600
Bond, $8000. Surety, New Amsterdam Casualty Co. Limit, 40 days after plastering is completed. Forfeit, $10. Plans and specifications filed.

(922) PLUMBING, HEATING AND ventilating systems on above.
Contractor....J. E. O'Mara, 445 Minna, San Francisco.

Filed Apr. 3, '17. Dated Mar. 22, '17.
Payments same as above
TOTAL COST, $7023
Bond, $400. Sureties, Geo. B. Stevens and Arthur V. Conlin. Limit, 10 days after tiling and plastering completed. Forfeit, $10. Plans and specifications filed.

(923) GALVANIZED IRON AND TIN work on above.
Contractor....Thomas J. Guilfoy (as Guilfoy Cornice Works), 209 8th, San Francisco.
Filed Apr. 3, '17. Dated Mar. 21, '17.
Payments same as above.....
TOTAL COST, $1140
Bond, $600. Sureties, P. W. Meherin and P. F. Reilly. Limit, 10 days after plastering finished. Forfeit, $10. Plans and specifications filed.

BRICK BUILDING
(924) N BUSH 76 E Polk E 70-6 N 120 W 26-6 S 52-1 W 44 S 67-11. Brick work for two-story and basement brick building.
Owner.....Thos. G. Taylor Co.
Architect .....Albert W. Burgren, 30 Woodland Ave., S. F.
Contractor....Wm. A. Rainey, 180 Jessie, San Francisco.
Filed Apr. 3, '17. Dated Apr. 2, '17.
1st story walls up.....$2000.00
Completed and accepted..... 2087.50
Usual 35 days..... 1362.50
TOTAL COST, $5450.00
Bond, $2725. Sureties, J. W. Cobby and C. F. Pratt. Limit, 20 days after concrete walls up. Forfeit, $5. Plans and specifications filed.

FRAME COTTAGES
(925) W NINETEENTH AVE 178-4 S Rivera S 75xW 120. All work for three one-story frame cottages.
Owner.....Jas. A. Arnott, 1322 3rd Ave., San Francisco.
Architect .....None.
Contractor....Jas. Arnott & Son, 517 Noe, San Francisco.
Filed Apr. 3, '17. Dated Mar. 24, '17.
Frames up & ready for plaster 25%
Ready for plaster..... 25%
Completed 25%
Usual 35 days..... 25%
TOTAL COST, $8250
Bond, none. Limit, 100 days Forfeit, $10. Plans and specifications filed.
First report March 5, 1917.

FRAME RESIDENCE
(926) W JONES 90 S Chestnut 27-3x 137-6. All work except painting and heating system for two-story and basement frame residence.
Owner.....Paul Bezzone, 14-A Carl Place, San Francisco.
Architect .....Louis Mastropasqua, 580 Washington, S. F.
Contractor....J. Farnocchio, 268 Cotter San Francisco.
Filed Apr. 3, '17. Dated Mar. 31, '17.
Frame up and tar and gravel roof on $1568.50
1st coat plaster on..... 1568.50
Completed and accepted..... 1568.50
Usual 35 days..... 1568.50
TOTAL COST, $6274.00
Bond, $3137. Sureties, L. Lombardi and G. Masca. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(927) W CAPITOL AVE 100 N Montana — 50 W 100 S 25 E 20 S 25 E 80. All work for one-story frame residence.
Owner.....Mary Williams, Oakland.
Architect .....None.
Contractor....Chas. Colarin, 1030 24th, San Francisco.
Filed Apr. 3, '17. Dated Feb. 15, '17.
Frame up $496.25
Roof on and enclosed..... 496.25
Brown coated 496.25
Completed and accepted..... 496.25
TOTAL COST, $1985.00
Bond, none. Limit, 60 days from issuance of permit. Forfeit, $5. Plans and specifications filed.

ADDITION
(928) E SECOND 190 S Harrison. All work for one-story addition to brick warehouse.
Owner.....L. A. Giacobbi.
Architect .....Edw. G. Bolles, 660 Market, San Francisco.
Contractor....T. W. McClenahan & Co., Call Bldg., San Francislo
Filed Apr. 3, '17. Dated Mar. 31, '17.
3rd floor under pinning in.....$3000
Roof boards on..... 585
Usual 35 days..... 1195
TOTAL COST, $4780
Bond, $2390. Surety, American Surety Co. Limit, June 1, 1917. Forfeit, none. Plans and specifications filed.
NOTE:—Foundation started.

ALTERATIONS
(929) NO. 509 POTRERO AVE. Alter basement for dance hall, concrete work, etc.
Owner.....John Devencenzi, Prem.
Architect .....None.
Contractor....P. Delucchi & Co., 99 Wheat, San Francisco.
COST, $500

FRAME DWELLING
(930) S MUNICH 230 E Naples. One story and basement frame dwelling.
Owner.....Albert Mattson, 3919 Folsom, San Francisco.
Architect .....None.
Day's work. COST, $2000

ALTERATIONS
(931) NO. 25 CABRILLO. Minor alterations to dwelling.
Owner.....Harry Johnson.
Architect .....C. E. Gottschalk, 958 Phelan Bldg., S. F.
Day's work. COST, $1000

ADDITION
(932) NO. 3254 FOLSOM. Add to dwelling.
Owner.....Guiseppe Satariano, Prem
Architect .....None.
Contractor....P. Balistrieri, 3222 Harrison, San Francisco.
COST, $700

ALTERATIONS
(933) E FILLMORE 17-4 N Post. Alter front, etc.
Owner.....J. P. Petersen and J. L. Baar, 2303 Bryant, S. F.
Architect .....None.
Contractor....Frasier & Frasier, 180 Jessie, San Francisco.
COST, $1000

ALTERATIONS
(934) SW EIGHTEENTH & MISSION General alterations for market.
Owner W. P. Taylor, Westbank Bldg., San Francisco.
Architect .....None.
Contractor Hemminga Bros., Inc., 40 Ashbury, San Francisco.
COST, $3099

ALTERATIONS
(935) NE PAGE AND BRODERICK. Alter attic for living rooms.
Owner.....John S. Partridge, 68 Post San Francisco.
Architect .....None.
Contractor....Archibald Jackson, 583 7th Ave., San Francisco.
COST, $1500

FRAME FLATS
(936) W NINETEENTH AVE 25 N Geary. Two-story and basement frame (2) flats.
Owner.....E. Coleman, 5516 Geary, San Francisco.
Architect .....None.
Day's work. COST, $4000

ALTERATIONS
(937) SE MONTGOMERY AND California. Alter fronts.
Owner.....Clunie Estate, Premises.
Architect .....None.
Contractor....Fink & Schindler Co., 228 13th, San Francisco.
COST, $450

FRAME FLATS
(938) N DAY 130 E Noe E 25xN 114. All work for two-story and basement frame flats.
Owner.....Patrick Ward and Bernard Walsh, 744 14th, S. F
Architect .....None.
Contractor....J. W. Gillogley, 745 San Jose Ave., San Francisco.
Filed Apr. 3, '17. Dated Mar. 17, '17.
Rough frame up.....$1218
Brown coated 1218
Completed and accepted..... 1210
TOTAL COST, $4875
Bond, none. Limit, 90 days from recording. Forfeit, none. Plans and specifications filed.
NOTE:—1st report April 3, No. 905.

FRAME FLATS
(939) S SIXTEENTH 246-4 E Castro E 33-8xS 130. All work for two-story and basement frame (4) flats.
Owner.....Ethel A. Eichbaum, 3651 16th, San Francisco.
Architect .....W. G. Copeland, 3756 22nd, San Francisco.
Contractor....Petterson & Persson, Lick Bldg., S. F.
Filed Apr. 3, '17. Dated Mar. 17, '17.
Frame up $1704
Interior lathing completed..... 1704
White mortar on..... 1704
Completed and accepted..... 1705
Usual 35 days..... 2273
TOTAL COST, $9090
Bond, $4545. Sureties, Chas. Lauffer and H. C. Bennett. Limit, 120 days from recording. Forfeit, $5. Plans and specifications filed.

METAL FURRING, ETC.
(940) SW SIXTEENTH & DOLORES Metal furring and lathing for Mission Dolores Church building.
Owner.....The Roman Catholic Archbishop of S. F.
Architect .....Shea & Lofquist, 742 Market, San Francisco.
Contractor....Hubert T. Lynch, 180 Jessie, San Francisco.
Filed Apr. 4, '17. Dated Mar. 31, '17.
On 1st of each month..... 75%

Usual 30 day..... 25%
TOTAL COST, $5600
Bond, $2800. Sureties, Henry P. Ryan and Hermann Bosch. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE
(941) W TWENTY-SECOND AVE 150 N Ulloa. All work for four-room frame cottage.
Owner.....Fred and Ellen C. Trowbridge, 44 Shotwell, S. F.
Plans by Contractor.
Contractor....Wm. H. Grahn, 2840 Bryant, San Francisco.
Filed Apr. 4, '17. Dated Mar. 27, '17.
Frame up.....$450
Brown coated..... 450
Completed..... 450
Usual 35 days..... 450
TOTAL COST, $1800
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BAKE OVEN
(942) NO. 1223 HOWARD. Install bake oven.
Owner.....Golden State Baking Co., Premises.
Architect.....Petersen Oven Co.
Contractor....Petersen Oven Company, Chicago, Ill.
COST, $600

CHIMNEY
(943) NO. 1223 HOWARD (rear). Erect chimney stack.
Owner.....Golden State Baking Co., Premises.
Architect.....Petersen Oven Co.
Contractor....Petersen Oven Company, Chicago, Ill.
COST, $600

ALTERATIONS
(944) NO. 3032 LAGUNA. Alter dwlg
Owner.....L. Arnaud and wife, 1827 Greenwich, San Francisco
Architect.....None.
Contractor....Mario Bacigalupi, 47 Russell, San Francisco.
COST, $400

ALTERATIONS
(945) NO. 952 MARKET. Alter store front.
Owner.....Weiner Jacobs, Dean Bldg., San Francisco.
Architect.....None.
Day's work. COST, $600

ALTERATIONS
(946) NO. 3035 TWENTY-FOURTH. Alter stores.
Owner.....E. J. Pringle, 319 Mills Bldg., San Francisco.
Architect.....None.
Day's work. COST, $700

ELECTRIC SIGN
(947) NW GEARY AND FILLMORE. Electric sign.
Owner.....Painless Parker, Prem.
Architect.....None.
Contractor....Novelty Elec. Sign Co., Inc., 165 Eddy, S. F.
COST, $500

ALTERATIONS
(948) W POWELL 65 N Eddy. Alter location of exit.
Owner.....Powell Street Invst. Co., Flatiron Bldg., S. F.
Architect.....Chas. L. Gottschalk, 958 Phelan Bldg., S. F.
Day's work. COST, $400

ALTERATIONS
(949) NO. 815 DIAMOND. Alter and change dwelling.
Owner.....Mrs. R. Hirsch, Premises.
Architect.....None.
Contractor....C. F. Weldon, 4202½ 23d San Francisco.
COST, $1000

(Correction in No. 951. Contractor's Name Omitted)
CARPENTER WORK, ETC.
(950) SW CALIFORNIA AND DAVIS W 87-6xS 137-6. Carpenter and cabinet work, etc., for alterations and additions to first and second story of building.
Owner.....California Packing Corp.
Architect.....Ward & Blohme, Alaska-Commercial Bldg., S. F.
Contractor....L. & E. Emanuel Inc., 144 12th, San Francisco.
Filed Apr. 5, '17. Dated Mar. 31, '17.
On April 12th, April 25th, May 10th and acceptance payment, May 22nd..... 75%
36 days after..... 25%
TOTAL COST, $27,400
Bond, $13,700. Surety, New Amsterdam Casualty Co. Limit, May 22. Forfeit, $50 bonus, $50 per day. Plans and specifications filed.

(951) COUNTERS, RAILS, WAINscoting and partitions, etc. on above
Filed Apr. 5, '17. Dated Mar. 31, '17.
Contractor....S. Levi, 243 7th, S. F.
Payments same as above.....
TOTAL COST, $3,490
Bond, $1,745. Sureties, Hartford Accident and Indemnity Co. Forfeit, none. Limit, May 22. Plans and specifications filed.

WORK SHOP
(952) W GOUGH 60 S Fulton, 27-6x 87-6. Concrete walls and floor and sidewalk, brick work and exterior plastering for a two-story auto work shop.
Owner.....G Damestri.
Architect.....None.
Contractor....G. Crestina.
Filed Apr. 5, '17. Dated Mar. 26, '17.
1st floor joists in.....$500
Brick work completed..... 700
Completed..... 460
TOTAL COST,, $1660
Bond, Sureties, Forfeit, none. Limit, 20 days after April 2. No plans or specifications filed.

FLATS
(953) NE UNION AND MARION Place. All work for three-story and basement frame three flats (5 and 6 rooms.)
Owner.....Charles and Dolce Lightner, 898 Greenwich, S. F.
Architect.....Rousseau & Rousseau, 110 Sutter, S. F.
Contractor....William McIntosh, 975 Clayton, S. F.
Filed Apr. 5, '17. Dated Apr. 4, '17.
Frame up.....$2334.50
Brown coated..... 2334.50
Completed and accepted..... 2334.50
Usual 35 days..... 2334.50
TOTAL COST, $9,338
Bond, $4,669. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, none. Limit, 90 days from receiving permit. Plans and specifications filed.

ALTERATIONS
(954) NO. 1239 HOLLISTER. Raise and alter dwelling.
Owner.....F. W. Sylvester, Prem.
Architect.....None.
Contractor....H. Henrichs, 1313 Quesada, San Francisco.
COST, $400

FRAME DWELLING
(955) E MISSION 200 N Italy. One and one-half-story and basement frame dwelling.
Owner.....P. M. McDonald, 1049 Treat Ave., San Francisco
Architect.....None.
Day's work. COST, $1800

ALTERATIONS
(956) NO. 1812-14 POST. Alter store.
Owner.....Mr. Levy, 1837 Geary, San Francisco.
Architect.....None.
Contractor....R. Ferguson, 1672 Geary, San Francisco.
COST, $450

ALTERATIONS
(957) SW WASHINGTON & HYDE. Alter ball room.
Owner.....Keystone Realty Co., Premises.
Architect.....None.
Day's work. COST, $400

ALTERATIONS
(958) TWENTIETH AND MINnesota. Alter warehouse.
Owner.....Portola Oil Co., Prem.
Architect.....None.
Day's work. COST, $900

STATION
(959) SE VAN NESS AND WASHington. One-story steel station.
Owner.....Shell Co. of California, 343 Sansome, S. F.
Architect.....None.
Day's work. COST, $600

FRAME ENGINE HOUS
(960) SANSOME, MONTGOMERY, Lombard and Greenwich. One-story frame engine house.
Owner.....Merchants' National Ice & Cold Storag eCo., Prem.
Architect.....Edw. Kollofrath, 649 Masonic, San Francisco.
Day's work. COST, $600

ADDITION
(961) NO. 27 PRESIDIO TERRACE. Carpenter, mill, glass, glazing, interior finish, exterior stairs, sheet metal, iron, excavation and concrete, etc., for alterations and additions to frame residence.
Owner.....Edna M. Sultan, Premises.
Architect.....Sam L. Hyman, Crocker Bldg., San Francisco.
Contractor....J. Harold Johnson, 507 15th, S. F
Filed Apr. 6, '17. Dated Apr. 2, '17.
After tearing out and partitions are set.....$1012
Ready for inside finish..... 1012
Completed and accepted..... 1012
Usual 35 days..... 1012
TOTAL COST, $4048
Bond, $2024. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

(962) PLUMBING ON ABOVE.
Contractor....Ahlbach & Mayer Inc., 85 Dorland, San Francisco.
Filed Apr. 6, '17. Dated Apr. 2, '17.
Roughing in finished.....$208
Completed and accepted..... 208

Usual 35 days 209
TOTAL COST, $625
Bond, $312.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, as fast as required. Forfeit, $10. Plans and specifications filed.

(963) ELECTRICAL WORK ON above.
Contractor....California Electrical Construction Co., 641 Mission, San Francisco.
Filed Apr. 6, '17. Dated Apr. 2, '17.
Completed and accepted.....$178
TOTAL COST, $178
Bond, none. Limit, 60 days. Forfeit, $10. Plans and specification. filed.

CONCRETE BUILDING
(964) SW FIRST 40 SE Stevenson SE 40 SW 167-6 NW 80 NE 87-6 SE 40 NE 80. Exterior and interior painting and tinting, etc., for seven-story and basement reinforced concrete building.
Owner.....Langley & Michaels Co., 50 First, San Francisco.
Architect .... Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor....W. T. Baker Co.
Filed Apr. 6, '17. Dated Mar. 24, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2154
Bond, $1077. Surety, Fidelity & Deposit Co. of Maryland. Limit, 75 days. Forfeit, $30. Plans and specifications filed.

FRAME DWELLING
(965) NW PLYMOUTH AVE AND Montecito Ave being Lot 8 Blk 3108, Westwood Park. All work for one and one-half-story frame dwelling.
Owner.....Frank H. Postelwaite.
Architect .....Kenneth MacDonald Jr., 58 Sutter, San Francisco.
Contractor....Emil Nelson , 420 26th Ave., San Francisco.
Filed Apr. 6, '17. Dated Mar. 31, '17.
Frame up $890
Brown coated 890
Completed and accepted..... 890
Usual 35 days..... 890
TOTAL COST, $3560
Bond, none. Limit, 60 days. Forfeit, $5. Plans and specifications, none.

UNDERPIN
(966) NE MARKET & NEW MONTgomery. Underpin wall.
Owner.....Merchants National Bank Premises.
Architect .....None.
Contractor....Barrett & Hilp, 424 Sharon Bldg., San Francisco.
COST, $450

REPAIRS
(967) NO. 1682 LA PLAYA Repair fire damage.
Owner.....Amelia Woodward.
Architect .....None.
Day's work. COST, $500

ALTERATIONS
(968) SE POST AND BUCHANAN. Alter store.
Owner.....Jonas Schoenfeld Co., 516 Washington, S. F.
Architect .....None.
Contractor J. Pasqualetti, 785 Market, San Francisco.
COST, $500

FRAME DWELLING
(969) NO 41 WOLFE One-story and basement frame dwelling.
Owner Emil Pechacek, Premise
Architect .....None.
Contractor... Ed. Lenigsly, 741 Anderson,, San Francisco.
COST, $1900

FRAME FLATS
(970) S SATURN 165 W Temple. Two-story and basement frame (2) flats.
Owner.....Thomas McKee, 183 Saturn, San Francisco.
Architect .....None.
Day's work. COST, $4000

FRAME APARTMENTS
(971) S WASHINGTON 105-5 E Presidio Ave. Three-story and basement frame (5) apartments.
Owner.....Joseph Cahen and James Oppenheimer, 333 Kearny, San Francisco.
Day's work. COST, $25,000
NOTE:—Foundation in.

FRAME STORES
(972) N OCEAN AVE 101 W Miramar One-story frame stores and living rooms.
Owner.....C. S. & A. Morbio, 541 Call Bldg., S. F.
Architect .....G. A. Applegarth, Claus Spreckels Bldg., S. F.
Day's work. COST, $2500

FRAME STORES
(973) NW McALLISTER & CENTRAL Ave W 31-3xN 100. All work for one story frame store building.
Owner.....James C. Nolan, Care Architect.
Architect .....W. H. Crim Jr., 425 Kearny, San Francisco.
Contractor....L. Heckenroth, 335 8th Ave., San Francisco.
Filed Apr. 7, '17. Dated Apr. 5, '17.
Roof on $513.50
Inside plastering completed.. 513.50
Completed and accepted..... 513.50
Usual 35 days..... 513.50
TOTAL COST, $2054.00
Bond, $1027. Sureties, Louis Schmidt and H. C. Mangles. Limit, 45 days from recording. Forfeit, $5. Plans and specifications filed.

FRAME APARTMENTS
(974) S CALIFORNIA 105 E Gough S 137-6xE 32-6. All work except gas and electric fixtures, shades, gas stoves, automatic elevator, wall paper, mantels, chimneys, etc., for three-story and basement frame apartments.
Owner.....Dr. Edith Hammond Williams, 41 5th Ave., S. F.
Architect .....None.
Contractor....J. Prout, 2020 Turk, S. F.
Filed Apr. 7, '17. Dated Apr. 4, '17.
3rd floor joists on.....$4410
Ready for lathing, rough plumbing in and piped for electric wiring 4410
Completed and accepted..... 4410
Usual 35 days..... 5880
TOTAL COST, $23,520
Bond, $11,850. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days. Forfeit, none. Plans and specifications filed.

UNDERTAKING PARLORS
(975) E VALENCIA 116-6 N 19th N 43-6 E 80 S 45-7 W 10 N 5-7 W 70. All work except plumbing, electric work, lighting fixtures and window shades for a one-story and part 2-story frame undertaking parlors.
Owner Charles Brown, Care Architect.
Architect .....Bernard J. Joseph, New Call Bldg., S. F.
Contractor....A. Ahlbach, 107 Collingwood, San Francisco.
Filed Apr. 7, '17. Dated Apr. 7, '17.
Excavation, garding and concrete foundations done and frame enclosed $1000
Roof done, sash glazed & hung 1000
Work on front completed and tin and sheet metal work done..... 726
Completed and accepted..... 1250
Usual 35 days..... 1326
TOTAL COST, $5302
Bond, $2651. Surety, Fidelity & Deposit Co. of Maryland. Limit, 80 days. Forfeit, $5. Plans and specifications filed.

Notice of Non-Responsibility.

San Francisco County.

Apr. 6, 1917—S EDGE OF WHARF on Channel bet. 3rd and 4th and 10 E from center line of track 190 SE 10 E 100 NE 60 NW 100 SW 60. Southern Pacific Co as to improvements on leased property....

MARCH BUILDING PERMITS.

The following is the report issued by the Board of Public Works showing the activity of building permits for the past month:

Class	No. of Bldgs.	Cost
"A"	2	$170,000
"B"	6	467,000
"C"	18	322,840
Alterations	427	171,357
Frames	140	564,005
Harbor Commissioners	3	305,525
Public Buildings	1	40,000
Total	597	$2,040,727

During the same period of 1916, the figures compiled by the Board were:

Total	597	$2,040,727

597 permits, at $2,512,328.

LEASES.

San Francisco County.

Apr. 2, 1917—NOS. 511-521 GOLDEN Gate Ave. Jas P McDonnell to McDonnell & Thurston. 2 years 1 month. $50 per month.
Apr. 2, 1917—NO. 1300 POWELL NE Corner Pacific. Johanna Wilkens to Roman Elarrieta & Co. 3 years. $35 per month.

COMPLETION NOTICES

SAN FRANCISCO COUNTY.

RECORDED ACCEPTED
Mar. 31, 1917—LOT 2 BLK 3199 Westwood Park. H H and Catherine Selleck to C H Bessett. Mar. [illegible]
Mar. 31, 1917—LOT 10 and S ½ Lot 9 Blk 3190 Westwood Park. The Globe Realty Co to Barrett & Hilp .....March 14, [illegible]
Mar. 31, 1917—TWENTY-SECOND bet Iowa and Pennsylvania. Southern Pacific Co to Geo W McGinn & Co ..... Mar[illegible]

[illegible] 1917

Apr. 2, 1917—E RHODE ISLAND 179 S 18th S 25 E 87 S NE 29.9¼ W 73-11 Henry Reichelt to whom it may concern.....Mar. 31, 1917

Apr. 2, 1917—SE NINETEENTH & Eureka. P Algot Nelson to whom it may concern..... Completed

Apr. 2, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to G McElhinney Tile Co.... .....March 30, 1917

Apr. 2, 1917—E LISBON 150 S Excelsior Ave. Edw Borchin to whom it may concern....Mar. 30, 1917

Apr. 2, 1917—COMG. 225 W fr NW Cor. Mission N 90xW 50 (N Mission 225 W 4th 50x90). A Aronson to Harry E Drake.....Mar. 28, 1917

Apr. 2, 1917—SW MARKET 75 W Eighth — 200 (Hotel Whitcomb) James Otis Trustee by G Alexander Wright, Agent to whom it may concern.....Mar. 27, 1917

Apr. 2, 1917—N TWENTY-FIFTH 100 E Sanchez. A C Fisher per Mary Matilda Fisher to Callahan Bros.....March 1, 1917

Apr. 3, 1917—S MINNA 365 E 2nd E 20xS 80. Margaret Ward to Mager Bros.....Mar. 29, 1917

Apr. 3, 1917—W THIRTIETH AVE 100 N Ulloa 25x120. Clara M Pettee to The Arlie Co .....Mar. 28, 1917

Apr. 4, 1917—SW POST & BUCHANan. Ralph Levy to G H Arthur .....April 3, 1917

Apr. 4, 1917—SE BROADWAY AND Gough E 22-11 N 102-6 W 22-11. Jos M and Josephine O'Brien to Newsom & Henning....Mar. 19, 1917

Apr. 4, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Camp & Carillon..... .....March 29, 1917

Apr. 4, 1917—NE ARGUELLO BLVD and Euclid Ave N 100xE 95. York Realty Co to whom it may concern.....April 3, 1917

Apr. 4, 1917—E PRESIDIO AVE 94-4 N Jackson N 33-4x81-4. Thos Scoble to whom it may concern..... .....April 4, 1917

Apr. 4, 1917—E PRESIDIO AVE 61 N Jackson 73¾x81-2. Thomas Scoble to whom it may concern .....April 4, 1917

Apr. 4, 1917—E DUPONT 68-9 S Clay S 26-9xE 68-9. John Gallwey and Charles W Slack extrs Estate Reuben H Lloyd, deceased to Oscar C Holt.....April 2, 1917

Apr. 5, 1917—N W ASHBURY AND Fell N 100xW 56-3. Edw G. Fischer to Folsom Street Iron Works. .....April 3, 1917.

Apr. 6, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼ Annie Peyser to Camp & Carillon..... .....March 29, 1917

Apr. 6, 1917—W GUERRERO 135 N 16th N 65 E to W Albion Ave S 50 W 75 S 15 W to beg. Geo C Sargent, Wm S and Elizabeth S Montgomery to Frank M Garden .....April 4, 1917

Apr. 6, 1917—W FORTY-FOURTH Ave 250 S Judah. Neil Bros to whom it may concern....Apr. 6, 1917

Apr. 6, 1917—N PINE 95 E Franklin E 12 6xN 137-6. L A Meyer to O W Britt.....Apr. 6, 1917

Apr. 6, 1917—W TENTH AVE 200 S Balboa S 25x120. Alfred T Morris to whom it may concern.... .....April 5, 1917

Apr. 6, 1917—W WOOD 422-5 N Geary W 120 N 67-5 E 121-3 S 50. Abbie Carrington Lewys to whom it may concern.....April 1, 1917

LIENS FILED

SAN FRANCISCO COUNTY.

RECORDED AMOUNT

Mar. 30, 1917—NE GRAFTON WAY 264 NW fm NW line of public park bet. Blks 2975 and 2976 NW along Grafton Way 36 NE 100 SE 36 SW 100 Lot 23 and 6 feet Lot 22 Blk 2976 Merritt Terrace. J S Guerin & Co vs Chas H Dyett, Adolph Gunzendorfer and Chas King $208.88

Mar. 31, 1917—E JULIAN AVE 175 S Fifteenth S 30xE 84. Leonard Lumber Co vs Marie Metter [illegible] Ichters .....$[illegible]

Apr. 3, 1917—BLG BDED by Market, Spear, Mission and Stewart 100 Vara Blk 320. Healy-Tibbitts Constr Co vs Southern Pacific Railroad Co and Harry M Pitman $286.27

Apr. 4, 1917—LOTS 457-459 Gift Map No. 1. Leonard Lumber Co vs Louis Croner & John F Haner..$54.03

Apr. 4, 1917—W SECOND AVE 200 S Cornwall S 25xW 100. Vehyle & Collins vs. J A Redo and Carl Larson $264.95

Apr. 6, 1917—NE COLUMBUS AVE or Montgomery Ave and W Montgomery NW 164-7¼ E 106-4 S 126-6. Jas F Lennon Lime and Cement Co. vs. Fugazi Popolare Bank, F. Melbourne and D. Mowat $672.36

Same vs. Fugazi Popolare Bank and F Melbourne $88.54

Apr. 6, 1917—W MONTGOMERY and NW Columbus Ave. NW 164-7¼ E 106-4 S 126-6 O. F. Larson & Son vs. Donald Mowat and Banca Popolare Fugazi.....$468

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Apr. 2, 1917—NE EIGHTH AVE & California N 90-1¼xE 32-8. Jas H Hardy, Inc to Graham Lumber Co, Jos V De Ryana, J Goldstein and H H Weider.....

Apr. 2, 1917—N GRAFTON AVE 25 W Granada Ave W 50xN 100. Frank Rowland to Suzanne Henry

Apr. 2, 1917—N GRAFTON AVE 50 W Granada W 25xN 100 Lot 3 Blk 11 Lakeview. Spring Valley Lumber Yard to Suzanne Henry

Apr. 5, 1917—NO. 190 SEA CLIFF Ave. L Schaffer & Co to F M Garden Co and Mary E Doble.....

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—6 story and base, brick and steel, $60,000. Oakland, Cal. Architect's name not given. Owner, Dr. F. G. Baird, 1525 Oak street, Oakland. Location, Oak street near 16th. Will contain twelve suites of five and six rooms each. Plans are complete and owner will let contracts.

RESIDENCES—2, 1 story and base, frame, $2,000 each. Alameda, Alameda Co., Cal. Architect, none. Owner, G. H. Noble, 2205 Santa Clara avenue, Alameda. Location, 1301 Mound avenue and 2612 Lincoln avenue. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,600. Oakland, Cal. Architect, none. Owner, Ole A. Olsen, 1511 39th avenue, Oakland. Location, west 39th avenue north East 14th street. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE ALTERATIONS — 2 story, frame, $10,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. Location, Linda Vista District. Work will consist of interior changes, an addition and the installation of a central heating system. Plans are complete and ready for figures.

RESIDENCE—1 story and base, frame, $3,000. Oakland, Cal. Architect, none. Owner, Edward A. Chick, 2624 60th avenue, Oakland Location, south Jerome near Oakland Will contain six rooms, bath and sleeping porch Separate garage Plans complete and work to be done by Day Labor

RESIDENCE—2 story and base, frame $7,500 Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Garden. Location, East Piedmont Heights. Will contain eight rooms, two baths and separate garage. Plans complete and figures to be called for at once.

RESIDENCE—1 story and base, frame, $1,000. Oakland, Cal. Architect, none. Owner, Roe Bishop, 7701 East 14th street, Oakland. Location, south East 14th street east 77th avenue. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,000. Oakland, Cal. Architect, none. Owner, Howard Nethken, 3657 39th avenue, Oakland. Location, west Bendford avenue south Garfield. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,250. Berkeley, Alameda Co., Cal. Architect, none. Owner, Minnie M. Miller, 6230 63rd street, Oakland. Location, west Sacramento north Ada. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, Charles D. Hart, 651 Jean street, Oakland. Location, west Jean south Monte Vista avenue. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, William H. Sims, 1926 64th avenue, Oakland. Location, south Arlington west Genoa. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Clifford Le Lean Jory, 1120 Spruce st., Berkeley. Owner, Mrs. Nimole [illegible], Location, Euclid avenue. Will contain eight rooms, two baths and sleeping porch. Plans are complete and figures being taken.

APARTMENT HOUSE—3 story and base, frame, $20,000. Alameda, Alameda Co., Cal. Architect, R. P. Reynolds, 703 Haight avenue, Alameda. Owner's name withheld. Location, Page and Central avenues. Will contain eighteen rooms of two three and four rooms. Plans are being prepared.

RESIDENCES—10, 1 story and base, frame, $2,000 each. Alameda, Alameda Co., Cal. Architect, R. P. Reynolds, 703 Haight avenue, Alameda. Owner, George H. Noble. Location, Lincoln and Broadway. Each house will contain five rooms, bath and sleeping porch. Plans are being prepared and work will be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, W. J. Charles, P. O. Box 291, San Francisco. Location, Curtis north Bristol. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE 1½ story and base, frame, $2,000. Oakland, Cal. Architect none. Owner, M. Haynes, 4045 East 12th street, Oakland. Location, southeast 41st avenue and East 12th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRATERNITY HOUSE—2 story and base, frame, $30,000. Berkeley, Alameda Co., Cal. Architect, Holberg Reimers, associated with E. Geoffery Bangs, Acheson Bldg., Berkeley. Owners, Sigma Nu. Location, Le Conte and Le Roy streets. Will contain 14 rooms, several baths and sleeping porches. Plans are complete and figures being taken.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
686	Perry	Dutra	1705
687	Brandemann	Vaughan	3356
688	Bishop	[illegible]	900
689	Nethken	Nethken	900
690	Chick	Chick	3000
691	Costa	[illegible]	400
692	Kelley	Malley	400
693	Renton	Alladan	1600
694	Schmidt	Hopper	1300
695	Same	Same	1300
700	Bayley	Rogers	9250
701	Brosen	[illegible]	1400
702	Olson	Olson	1600
703	Johnson	Jones	2000
704	Root	Hildebrand	3000
705	Harper	Cameron	1000
713	Meese	Holmes	600
714	Kimura	Kimura	700
715	Myers	Silva	1400
716	Logan	Bellefontaine	4350
717	Haynes	Haynes	2000
718	Abrahamson	Peters	11000
723	St. Mary	St. Mary	1000
724	Same	Same	1000
725	Shoblo	Reid	700
726	Peters	Bixler	1800
727	Moffitt	Nichols	3017
728	Logan	Bellefontaine	4350

DWELLING
(686) IRVINGTON. All work except interior painting, plumbing fixtures, excavating, grading, brick, finish hardware, electric fixtures, finish lumber for two-story dwlg.
Owner.....Manuel V. Perry.
Architect .....H. A. Minton, 244 Kearny, San Francisco.
Contractor....A. S. Dutra.
Filed Apr. 2, '17. Dated Mar. 17, '17.

Wiring completed	$ 88.50
Plastering completed	232.50
Brick work completed	87.00
Plumbing completed	169.25
Painting completed	130.50
Completed	571.00
Usual 35 days	426.25

TOTAL COST, $1705.00
Bond, $1020.50. Sureties, Jos. Flittner and J. B. Henderson. Limit, July 1. Forfeit, none. Plans and specifications filed.

DWELLING
(687) E FRUITVALE AVE 930.34 NE Hopkins SE 125xNE 50, Okd. All work for one-story six-room dwlg.
Owner.....Henry Brandemann, Okd.
Architect .....None.
Contractor....M. C. Vaughn, 5833 Ayala Ave., Oakland.
Filed Apr. 2, '17. Dated Mar. 30, '17.

Frame up	¼
Brown coated	¼
Completed and accepted	¼
Usual 35 days	¼

TOTAL COST, $3356
Bond, $1678. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(688) S E-FOURTEENTH 26 E 77th Ave., Oakland. One-story 4-room dwelling.
Owner.....Roe Bishop, 7701 E-14th, Oakland.
Architect .....None.
Day's work. COST, $900

DWELLING
(689) W BENDFORD AVE 50 S Garfield, Oakland. One-story 4-room dwelling.
Owner.....Howard Nethken, 3657 39th Ave., Oakland.
Architect .....None.
Day's work. COST, $900

RESIDENCE
(690) S JEROME near Oakland being Lots 35 and 36 Lincoln Park Tract, Piedmont. One-story frame residence and garage.
Owner.....Edward A. Chick, 2624 60th Ave., Oakland.
Architect .....None.
Day's work. COST, $3000

ALTERATIONS
(691) NO. 1373 EIGHTEENTH, Oakland. Alterations and additions.
Owner.....Manuel Costa, Premises.
Architect .....None.
Contractor....A. H. Rose & Co., 545 17th Oakland.
COST, $400

ALTERATIONS
(692) SE SEVENTH AND BRUSH, Oakland. Alterations.
Owner.....Mrs. A. Kelley, Premises.
Architect .....None.
Contractor....F. T. Malley, 3001 Grove, Oakland.
COST, $400

DWELLING
(693) N SCHOOL 80 E Fletcher Ave., Oakland. Two-story 6-room dwlg.
Owner.....H. T. Renton, 705 Broadway, Oakland.
Architect .....None.
Contractor....Alladan Home Bldg. Co., 601 34th, Oakland.
COST, $1600

DWELLING
(694) N THIRTY-FIRST 215 E Market. Oakland. One-story 3-room dwelling.
Owner.....W. G. Schmidt.
Architect .....None.
Contractor....Richmond & Hopper, 1769 Pleasant Valley Ave. Oakland.
COST, $1300

DWELLING
(695) N THIRTY-FIRST 240 E Market, Oakland. One-story 3-room dwelling.
Owner.....W. G. Schmidt, Oakland.
Architect .....None.
Contractor....Richmond & Hopper, 1769 Pleasant Valley Ave., Oakland.
COST, $1300

APARTMENTS
(700) N FORTIETH 50 E Manila Ave., Oakland. Three-story 18-room apartments.
Owner.....Mrs. Nellie Bayley, Winehaven.
Architect .....None.
Contractor....J. F. Rogers, 2011 Franklin, Oakland.
COST, $9250

ALTERATIONS
(701) W UNION 100 N 7th Oakland. Alterations.
Owner.....E. Brosen, Premises.
Architect .....None.
Contractor....C. M. Griffin, 746 5th Ave Oakland.
COST, $1400

DWELLING
(702) W THIRTY-NINTH AVE 410 N E-14th, Oakland. One-story 6-room dwelling.
Owner.....Ole A. Olson, 1511 39th Ave., Oakland.
Architect .....None.
Day's work. COST, $1600

ALTERATIONS
(703) NO. 146 MONTE VISTA AVE., Oakland. Alter dwelling.
Owner.....W. P. Johnson, Premises.
Architect .....None.
Contractor....F. G. Jones, 1217 Webster Oakland.
COST, $2000

GARAGE
(704) E FOOTHILL BLVD 98-6 N E-14th street, N 76-6x45-3⅛, Oakland. One story concrete garage.
Owner .....Henry Root, San Francisco.
Architect....None.
Contractor....C. G. Hildebrand, Oakland.
Filed April 4, '17. Dated ———

Concrete poured	$1500
Completed	750
Usual 35 days	750

TOTAL COST, $3000
Bond, Sureties, Forfeit, none. Limit, May 15. Plans and specifications filed.

ALTERATIONS
(705) SW TWENTY-NINTH AND Broadway, Oakland. Alterations.
Owner.....Eva & Harper, 400 Welsh Bldg., San Francisco.
Architect .....None.
Contractor....H. C. Cameron, 5619 Dover, Oakland.
COST, $1000

REPAIRS
(713) NE SEVENTH AND KIRKham, Oakland. Fire repairs.
Owner.....Meese Estate Co., Okd.
Architect .....None.
Contractor....A. S. Holmes, 565 16th, Oakland.
COST, $600

GREEN HOUSES
(714) NO. 8303 "B," Oakland. Two one-story green houses.
Owner.....Kimura Bros., Premises.
Architect .....None.
Day's work. COST, $700

DWELLING
(715) N E-EIGHTH 61 W Portwood Ave., Oakland. One-story 4-room dwelling.
Owner.....J. S. Myers, NE 13th and Webster, Oakland.
Architect .....None.
Contractor....Silva & Almeida, 2869 Ford, Oakland.
COST, $1400

DWELLING
(716) N WALLA VISTA AVE 50 E Kenmore, Oakland. Two-story 8-room dwelling.
Owner.....M. E. Logan 4635 Park Blvd., Oakland.
Architect .....None.
Contractor....A. J. Bellefontaine, 6712 Flora, Oakland.
COST, $4800

DWELLING
(717) SE FORTY-FIRST AVE AND E-12th, Oakland. One and one-half-story 5-room dwelling.
Owner.....M. Haynes, 4045 E-12th, Oakland.
Architect .....None.
Day's work. COST, $2000

BRICK GARAGE
(718) E BROADWAY 155.44 S 28th street, E 195.63 S 51.60 W 208.42 N 50, Oakland. One-story brick carriage factory.
Owner.....Jules Abrahamson, 1444 San Pablo Ave., Oakland.
Architect .....F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor....Fred Peters and G. C. Reed, 406 Syndicate Bldg., Oakland.
Filed Apr. 6, '17. Dated Apr. 4, '17.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $11,000
Bond, $5.500. Sureties, National Surety Co. Forfeit, none. Limit 60 days from April 6. Plans and specifications filed

DWELLING
(723) N Peach 180 E 92nd Ave., Oakland. One-story 4-room dwlg.
Owner.....Joe St. Mary, 2220 Auseon Ave., Oakland.
Architect .....None.
Day's work. COST, $1000

FRAME DWELLING
(724) N PEACH 180 E 92nd Ave Oakland. One-story 4-room dwlg.
Owner.....Joe St. Mary, 2220 Auseon Ave., Oakland.
Architect .....None.
Day's work. COST, $1000

DWELLING
(725) W 87TH AVE 100 N "B," Oakland. One-story 4-room dwlg.
Owner.....Antonio Shoblo, 808 Oak, Oakland.
Architect .....None.
Contractor....J. Reid, 609 10th, Okd.
COST, $700

ADDITION
(726) E BRIDGE AVE 450 E Foothill Blvd., Oakland. One-story addition of two apartments.
Owner.....Hattie C. Peters, 1732 Bridge Ave., Oakland.
Architect .....None.
Contractor....H. E. Bixler, 1732 Bridge Ave., Oakland.
COST, $1800

FRAME DWELLING
(727) N PLEASANT VALLEY AVE 60 S Pleasant Valley Court 60x112, Oakland. All work for one-story frame dwelling.
Owner.....Melvin M. and Stella M. Moffitt, 434 38th, Oakland
Architect .....None.
Contractor....Chester S. Nichols, 1719 Castro, Oakland.
Filed Apr. 7, '17. Dated Apr. 5, '17.
Ceiling joists up $755
Brown coated 754
Completed and accepted..... 754
Usual 35 days 754
TOTAL COST, $3017
Bond, none. Limit, 70 days after Apr. 9. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(728) LOT 2 BLK "C" Piedmont Knoll West Walla Vista Ave., Oakland. All work for two-story frame dwelling.
Owner.....M. E. Logan.
Architect .....None.
Contractor....A. J. Bellefontaine, 6712 Flora, Oakland.
Filed Apr. 7, '17. Dated Apr. 3, '17.
Frame up $1000
Brown coated 1000
Wood work completed..... 625
Completed and accepted..... 625
Usual 35 days 1100
TOTAL COST, $4350
Bond, none. Limit, July 15. Forfeit. none. Specifications only filed..

Building Contracts Awarded.

Berkeley

685	Goodrich	Donnolly	1500
696	Miller	Miller	1250
697	Bain	Conner	500
698	Keane	Jacobs	1800
699	Ettinger	Dildine	3950
711	Woolsey	Broad	650
712	Keys	Birmingham	2200
719	McCann	Sorensen	100
720	Charles	Charles	1500
721	Marston	Kidder	2200

DWELLING
(685) E EDWARDS 40 S Channing Way, Berkeley. One-story 4-room dwelling.
Owner.....Mrs. S. A. Goodrich, 2420 South Atherton, Bkly.
Architect .....None.
Contractor....Robert M. Donnolly, 1615 Parker, Berkeley.
COST, $1500

DWELLING
(696) W SACRAMENTO 109 N Ada, Berkeley. One-story 4-room dwlg.
Owner.....Minnie M. Miller, 6230 63rd, Oakland.
Architect .....None.
Day's work. COST, $1250

ALTERATIONS
(697) DWIGHT WAY near Ellsworth Berkeley. Alterations.
Owner.....— Bain.
Architect .....None.
Contractor....Conner & Conner, Berkeley Way and Shattuck Ave., Berkeley.
COST, $500

DWELLING
(698) N CEDAR 160 W Edith, Berkeley. One-story 5-room dwlg.
Owner.....F. J. Keane, 2918 Telegraph Ave., Berkeley.
Architect .....None.
Contractor....Chas. I. Jacobs, 2827 Grove, Oakland.
COST, $1800

DWELLING
(699) LOT 42 Map Colby Tract, Berkeley. Two-story frame dwelling.
Owner.....Josephine H. Ettinger, Berkeley.
Architect.....None.
Contractor....Verne Dildine, 6243 College Ave., Oakland.
Filed April 3, '17. Dated April 1, '17.
Frame up ..... $ 600.00
May 16 ..... 1375.00
Completed and accepted..... 987.50
Usual 35 days 987.50
TOTAL COST, $3950
Bond, $2,000. Sureties, U. S. Fidelity and Guaranty Co. Forfeit, none. Limit, 75 days. Plans and specifications filed.

ADDITION
(711) ALLSTON WAY and Shattuck avenue, Berkeley. Addition.
Owner.....W. E. Woolsey, Prem.
Architect.....None.
Contractor....A. H. Broad, 2117 Kittridge, Berkeley.
COST, $650

DWELLING
(712) BONAR 225 N Dwight Way, Berkeley. One-story five-room dwelling.
Owner.....Ben Keys, Shattuck and Ashby, Berkeley.
Architect.....None.
Contractor....D. Birmingham, 3005 Fulton, Berkeley.
COST, $2,200

ALTERATIONS
(719) W WARING 200 N Parker, Berkeley. Alterations and additions.
Owner.....N. McCann, 2523 Piedmont Ave., Berkeley.
Architect .....None.
Contractor....Walter Sorensen, 3219 Ellis, Berkeley.
COST, $1000

DWELLING
(720) W CURTIS 131 N Bristol, Berkeley. One-story 5-room dwlg.
Owner.....W. J. Charles, P O Box 291, San Francisco
Architect.....None.
Day's work. COST, $1500

DWELLING
(721) W ARCH 80 S Vine, Berkeley. One and one-half-story 7-room dwlg
Owner.....Capt. W. H. Marston, 1500 Arch, Berkeley.
Architect.....None.
Contractor....H. C. Kidder, 1923 Francisco, Berkeley.
COST, $3200

Building Contracts Awarded.

Alameda

706	Wichman	Burton	416
707	Pond	Stewart	2000
708	Same	Same	2000
709	Noble	Noble	1500
710	Same	Same	2000
722	Bruns	Swenson	1975

DWELLING
(684) N SAN JOSE AVE 38 W Mound W 36xN 120, Alameda. All work for one-story dwelling.
Owner.....R. F. C. Bruns, 1502 Walnut, Alameda.
Architect.....None.
Contractor....L. Swenson, 2242 Encinal Ave., Alameda.
Filed Mar. 31, '17. Dated Mar. 28, '17.
Frame up and roof on ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $1975
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications, none.

ADDITION
(706) NO. 1001 SANTA CLARA AVE. Alameda. Addition.
Owner.....Mrs. Wichman, Premises.
Architect.....None.
Contractor....Chas. Burton.
COST, $416.50

DWELLING
(707) NO. 3243 STERLING AVE., Alameda. One-story 6-room dwlg.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect.....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(708) NO. 3239 STERLING AVE., Alameda. One-story 6-room dwlg.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect.....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(709) NO. 1301 MOUND, Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect.....None.
Day's work. COST, $1500

DWELLING
(710) NO. 2612 LINCOLN AVE., Alameda. One-story 5-room dwlg.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect.....None.
Day's work. COST, $2000

DWELLING
(722) N SAN JOSE AVE 38 W Mound, Alameda. All work for one-story dwelling.
Owner.....R. F. C. Bruns, 1502 Walnut, Alameda.
Architect.....None.
Owner....L. Swenson, 2242 Encinal avenue, Alameda.
Filed Apr 6, '17. Dated Apr. 6, '17.
Frame up and roof on ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $1975
Bond, Sureties, Forfeit, none. Limit, 60 days. No plans or specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
Mar. 31, 1917—LOT 32 BLK "B" 4th Ave Terrace, Okd. Mabel Woodard to E W Woodard..Mar. 30, 1917
Apr. 2, 1917—LOT 19 BLK 1 Berry Bangs Tract No. 3 being E Hillegass Ave bet. Stuart and Russell, Bkly. G A Mattern to H P Nelson .....March 31, 1917
Apr. 2, 1917—LOT 12 BLK "F" Map Kenwood Park, Okd. Lewis and Mitchell Inc and Charles N Starmer to Roy B Litton....Mar. 30, 1917
Apr. 3,1917—LOT 6, BRUMAGIM Tract, being 570 59th street, Oakland,. M. H. Weed to J. H. Kaggs. .....March 26, 1197
Apr. 3, 1917—W THIRD ST 113 S Bristol street S 52-3 W 69, Berkeley. El Dorado Oil Works to Wm. E. McDonald.....Apr. 3, 1917
Apr. 4, 1917—E FOURTENTH AVE 445 N 38th St, being No. 3900, Oakland. Lulu Bond to Woolley & Rich .....March 31, 1917
Apr. 4, 1917—N WOOLSEY ST., 170 W Deakin street, Berkeley. Fanny Groome to Edward W. Larmer. .....March 26, 1917
Apr. 5, 1917—LOT 70, MAP NOVA Piedmont, Piedmont. F. N. Strang to whom it may concern..... .....April 3, 1917
Apr. 5, 1917—SW SAN CARLOS AV 100 NW Oakland Ave, NW 100 SW 169.37 SE 99.8 NE 158.91, Piedmont. Miriam L. Appell to Nils Anderson.....April 5, 1917
Apr. 5, 1917—LOT 40, BLK 4 and E portion lot 10 adjoining, Oak Ridge, Claremont. H. W. Weirick to Ben Pearson.....March 30, 1917

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT
Apr. 2, 1917—S FORTY-SECOND 327 W Market W 74xS 89, Oakland Hubert Johnston, $120; California Standard Planing Mill Co, $204; J C Bullock & Sons, $160; W J Rigney, $30; Downey Glass & Paint Co, $35.96; Uhl Bros, $21.88 Kimball Elec Co, $69.60; Bay Cities Roofing Co, $80 to May E Richardson .....
Apr. 2, 1917—S FORTY-SECOND 282 E Linden E 74 S 89.4 W 74 NE 89.60, Okd Pacific Mfg Co. $201.85; Paul Mortenson and T D Osborn, $120.80 May E Richardson
Apr. 2, 1917—S FORTY-SECOND 327 E Market E 74xS 89, Oakland. Hubert Johnston to May E Richardson $120
Apr. 2, 1917—S FORTY-SECOND 282 E Linden E 37 S 89 W 37 N 90, Oakland. A H Bar to May E Richardson $42.10
Apr. 2, 1917—S FORTY-SECOND 319 E Linden E 37 S 89 W 37 N 90 Okd. A H Bar to May E Richardson $55.90

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
Mar 31 1917 LOT 26 Map Fremont Tract, Okd. Wm F Doig (Century Elec Co) vs Frances Rapp.....$40.29

REVOCATION OF BUILDING CONTRACT.

Alameda County.

Apr. 6, 1917 N SAN JOSE AVE 38 W Mound W 36xN 120, Alameda. Owner, R. F. C. Bruns; contractor, L. Swenson. Dated, April 4, 1917.

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE—2 story and base, frame, $6,500. Burlingame, San Mateo Co., Cal. Architect, Thomas Edwards, Bank Bldg., Burlingame. Owner, Rufus H. Kimball. Location, Burlingame Heights. Will contain eight rooms, two baths and separate garage. Plans are complete and figures being taken.

RESIDENCE—2 story and base frame, $5,000. San Mateo, San Mateo Co., Cal. Architect, W. H. Toepke, 46 Kearny street, S. F. Owner, G. Rognier. Location, Clark Drive. Will contain seven rooms, bath and sleeping porches. Separate garage. Plans are being figured.

SCHOOL—1 story, frame. Cost not stated. Lakeside School District, Santa Clara Co., Cal. Architect, none. Owners, Lakeside School District. Will contain two class rooms. Plans complete and bids to be opened on April 25th at 4 p. m. Plans can be secured from Mrs. Annie R. Condon, Reservoir Road.

Contract Awarded.

APARTMENT HOUSE—2 story and base, frame, $8,500. San Mateo, San Mateo Co., Cal. Architect, Thomas Edwards, Burlingame Bank Bldg., Burlingame. Owner, P. Canepa. Contractors, Douguardi & Terranova, Westbank Bldg., S. F. Contract price, $8,500.

RESIDENCE—1½ story and base, frame, $3,100. Burlingame, San Mateo Co., Cal. Architect, Thomas Edwards, Bank Bldg., Burlingame. Owner, Philip Scheu. Contractors, Catherwood & Hamilton, Burlingame. Contract price, $3,100.

RESIDENCE—2 story and base, frame, $12,500. Burlingame, San Mateo Co., Cal. Architect, Thomas Ed-

wards, Bank Bldg., Burlingame. Owner, Edward Cudahy. Contractor, James Hutchins, Burlingame. Contract price, $12,500.

FACTORY 3 story and base, mill construction, $15,000. South San Francisco, San Mateo Co., Cal. Architect, none. Owners, Bass-Hueter Paint Co. Contractors, Palmer & Petersen, Monadnock Bldg., S. F. Contract price, $15,000.

BUILDING CONTRACTS.

Santa Clara County.

CLASS "C" RESIDENCE
LAGUNITA KNOLL, Stanford University Campus, Palo Alto. Reinforcing steel and fabric for three-story and basement Class "C" residence for President Wilbur.
Owner.....Stanford University.
Architect.....L. C. Mullgardt, Chronicle Bldg., S. F.
Engineer.....H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor....Concrete Engineering Co. Omaha.
Filed Mar. 14, '17. Dated Mar. 12, '17.
On 10th of each month..... 75%
45 days after..... 25%
TOTAL COST, $6000
Bond, $3000. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days from date. Forfeit, $10. Plans and specifications filed.

PLUMBING ON ABOVE.
Engineer.....Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor....Cashel Bros., 200 Homer Ave., Palo Alto.
Filed Mar. 14, '17. Dated Mar. 7, '17.
Payments same as above.....
TOTAL COST, $8224
Bond, $4112. Surety, Fidelity & Deposit Co. of Maryland. Limit, 200 days from date. Forfeit, $10. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor....Electrical Constr. Co.
Filed Mar. 14, '17. Dated Mar. 7, '17.
Payments same as above.....
TOTAL COST, $3937
Bond, $1968. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days from date. Forfeit, $10. Plans and specifications filed.

HEATING ON ABOVE
Contractor....Wittman-Lyman & Co., 341 Minna, San Francisco.
Filed Mar. 14, '17. Dated Mar. 10, '17.
Payments same as above.....
TOTAL COST, $5432
Bond, $2716. Surety, Fidelity & Deposit Co. of Maryland. Limit, 200 days from date. Forfeit, $10. Plans and specifications filed.

COTTAGE AND GARAGE
LOS ALTOS. All work for cottage and garage.
Owner.....Mrs. Mervyn Neugass.
Architect.....Mervyn Neugass.
Contractor....Carl Lindholm.
Filed Mar. 12, '17. Dated Mar. 7, '17.
Frame up 25%
Plastering done 25%
Accepted 25%
30 days after..... 25%
TOTAL COST, $3775
Bond, $1880. Surety, Earl D. Minton. Limit, May 25 1917. Forfeit, none. Plans and specifications filed.

ADDITION
FIRST AND SAN SALVADOR STS., San Jose. All work for one-story addition to one-story garage.
Owner.....W. J. Boschken, 138 S-1st St., San Jose.
Architect.....Wm. Binder and E. N. Curtis, Rea Bldg., S. J.
Contractor....J. H. Miller.
Filed Mar. 14, '17. Dated Mar. 8, '17.
Bet. 5th and 6th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $2699
Bond, $1346. Sureties, T. B. Hubbard and W. A. Beale. Limit, 60 days from filing. Forfeit, none. Plans and specifications filed.

COTTAGE
COYOTE. All work for six-room cottage.
Owner.....Belle Monroe.
Architect.....None.
Contractor....Frank T. Edmans.
Filed Mar. 19, '17. Dated Mar. 19, '17.
Frame up $500
Brown coat mortar on..... 500
Acceptance 500
Usual 35 days..... 524
TOTAL COST, $2024
Bond, none. Limit, 60 days from filing. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
MONTEREY ROAD near Umbarger Tract and O'Bannon, Kent & Bruce Sbdvn. All work for one-story and basement frame dwelling.
Owner.....Emilio Devoto, 841 Union St., San Francisco.
Architect.....J. A. Poroporato, 619 Washington, S. F.
Contractor....Fred Warden, 354 Sussex St., San Francisco.
Filed Mar. 20, '17. Dated Mar. 14, '17.
Rough frame up.....$ 600
Brown coated 800
Accepted 900
Usual 35 days..... 1200
TOTAL COST, $3500
Bond, none. Limit, 90 days from date. Forfeit, $2. Plans and specifications filed.

HEATING PLANT
LOCATION NOT GIVEN. All work for installing heating plant.
Owner.....Tiburon Investment Co.
Architect.....None.
Contractor....C. L. Meisterheim, 369 S-1st St., San Jose.
Filed Apr.3, '17. Dated Mar. 15, '17.
Cash on completion .....
TOTAL COST, $1275
Bond, limit, forfeit, none. Plans and specifications, none.

DWELLING
LOCATION NOT GIVEN. All work for one-story dwelling.
Owner.....H. G. Lipscombe.
Architect.....None.
Contractor....Jno. Rodoni.
Filed Mar. 1, '17. Dated Feb. 12, '17.
Frame up 25%
Finish plaster on..... 25%
Accepted 25%
Usual 35 days..... 25%
TOTAL COST, $2000
Bond, none. Limit, 75 days from date. Forfeit, plans and specifications none.

FRAME DWELLING
LOT 17 BLK 2 Acacia Park Tract, San Jose. All work for five-room frame dwelling.
Owner.....Rose Carrozza and John Antuzzi.
Architect.....None.
Contractor....Joe Oliva.
Filed Mar. 7, '17. Dated Mar. 5, '17.
Frame up $450
Ready for plaster..... 450
Accepted 450
Usual 35 days..... 450
TOTAL COST, $1800
Bond, $1000. Sureties, D. Pascali and F. Zianandra. Limit, forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
SAN ANTONIO ROAD part of SW ¼ of Section 20, Township 6, South Range 2 West, Mt. Diablo base and meridian, Santa Clara County. All work for frame bungalow and tank.
Owner.....L. J. and Emma L. Starr.
Architect.....Minton Lumber Co.
Contractor....J. Maccono & Wm. Dewar
Filed Feb. 26, '17. Dated Feb. 23, '17.
Tank and house frames up.....$454
1st coat plaster on..... 454
Accepted 454
Usual 35 days..... 454
TOTAL COST, $1816
Bond, $908. Surety, Earl D. Minton. Limit, 60 days from Feb. 26. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

San Mateo County.

BUNGALOW
STAMBAUGH AND PINE STS., Redwood City. All work excepting excavating and sewer from curb to city sewer in street for one-story frame bungalow.
Owner.....E. W. Callnon.
Architect.....None.
Contractor....Thos. Cuthbertson.
Filed Mar. 13, '17. Dated Mar. 12, '17.
Framed $293.75
Plumbing roughed in etc..... 293.75
Completed 293.75
Usual 35 days 293.75
TOTAL COST, $1175
Bond, $600. Sureties, J. H. McCallum and E. O. Benner. Forfeit, 50 cents per day. Limit, 40 days. Plans and specifications filed.

DWELLING
LOT 4, BLK "D," Hayward Park, San Mateo Cal. All work for one and one-half story frame dwelling.
Owner.....Mary R. Nelson, San Mateo.
Architect.....None.
Contractor....Croop & Keegan.
Filed Mar. 17, '17. Dated Mar. 15, '17.
Framed $471
1st coat mortar on 471
Completed 471
Usual 35 days 471
TOTAL COST, $1884
Bond, Sureties, Forfeit, none. Limit, 75 days. Plans and specifications filed.

EQUIPMENT
EL CERRITO PARK, San Mateo. All work for mechanical equipment for laundry, heating, etc.
Owner..... Mrs. Cyrus Walker, San Mateo and El Cerrito, San Mateo.
Consulting Engineer...Leland & Haley, 58 Sutter, S. F.
Contractor....Robert Dalziel, Jr., 218 First, San Francisco.
Filed Mar. 22, '17. Dated Mar. 20, '17.
As work progresses..... 75%

Usual 35 days ..... 2+
TOTAL COST, $11,856
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

CONCRETE DAM
PORTOLA NEAR WOODSIDE. All work for concrete dam.
Owner..... William Fitzhugh, 2250 Broadway, San Francisco.
Architect..... Chas. E. Hodges, Bankers' Investment Bldg., San Francisco.
Contractor... Harry B. Morey & Sons, Menlo Park.
Filed Mar. 22, '17. Dated Mar. 20, '17.
50% of work completed $1114
Completed 557
Usual 35 days 557
TOTAL COST, $2,228
Bond, Sureties, Forfeit, none. Limit, 20 days. Plans and specifications none.

RESIDENCE
LOT 14, BLK 124 South San Francisco. All work except fixtures, shades and wall beds for two-story and basement frame residence.
Owner.....Henry Knoth, Maple, South San Francisco
Superintendent....John E. McCarthy.
Contractor....R. C. Stickle, San Mateo, South San Francisco.
Filed Mar. 26, '17. Dated Mar. 24, '17.
Framed $1347.50
Brown plastered 1347.50
Completed 1347.50
Usual 35 days 1347.50
TOTA LCOST, $5,390
Bond, Sureties, Forfeit, none. Limit, 65 days. Plans and specifications filed.

RESIDENCE
HILL STREET, Colma, Cal. All work except shades and chandeliers for two-story frame residence.
Owner.....Pietro Toso.
Architect.....J. A. Porporato, 619 Washington, S. F.
Contractor....Giacomo Gioardo.
Filed Mar. 31, '17. Dated Mar. 27, '17.
Rough frame up ..... $ 800
Brown coated 900
Completed 1000
Usual 35 days 1450
TOTA LCOST, $4,150
Bond, $2,500. Sureties, G. Armanini and G. Capurro. Forfeit, $2 per day. Limit, 90 days. Plans and specifications filed.

BUNGALOW
EDGEWOOD ROAD W of the Circle, Redwood City. Frame bungalow (4 rooms, sleeping porch and pergola.)
Owner.....Henry Martens, San Francisco.
Architect.....None.
Contractor....Ludwig B. G. Koenig, 3525 19th St., San Francisco.
COST, $7,785

COMPLETION NOTICES

San Mateo County.

Mar. 12, 1917—LOTS 11 AND 12, Blk 39, Easton Addition No. 3, Burlingame, Cal. F. H. Rodgers to Croop & Keegan.....Mar. 10, 1917

LIENS FILED

San Mateo County.

RECORDED AMOUNT
Apr. 2, 1917—LOT 14 BLK NO. 2, Stanford Park, Menlo Park. Gray-Thorning Lumber Co vs Alma H Sea $1295

COMPLETION NOTICES

Santa Clara County.

RECORDED ACCEPTED
Mar. 13, 1917—LOS GATOS AND Saratoga Road on S line Quito Rancho. Chas D Blaney to T A Cavanagh.....Mar. 12, 1917
Mar 14, 1917—STANFORD CAMPUS Palo Alto. Stanford University to Gladding-McBean & Co....Mar. 10, '17
Mar. 14, 1917—MONTGOMERY AND San Augustine, San Jose. Pacific Gas & Electric Co to Western Pipe & Steel Co.....Mar. 9, 1917
Mar. 14, 1917—LOT 14 BLK 5 May Park Half Acres nr San Jose. Arvilla M R Davis to L Lewis..... .....March 14, 1917
Mar. 16, 1917—S-FIRST, bet San Fernando and San Antonio, San Jose. F A Baumgartner to J C Thorp ..... Mar. 11, 1917
Mar 20, 1917—STANFORD CAMPUS Palo Alto. Stanford University to Forderer Cornice Works ....March 15, 1917
Mar. 20, 1917—NOS. 49-51 S-FIRST, San Jose. James D Phelan et al to S Kulchar & Co.....Mar. 10, 1917
Mar. 20, 1917—W SARATOGA AVE 9 miles SW San Jose. James Spangler to T C Hastings..... .....March 20, 1917
Mar. 22, 1917—NE LORRAINE AND San Carlos Sts., San Jose. Roman Catholic Archbishop of S. F to Al Compton.....Feb. 13, 1917
Mar. 23, 1917—BRYANT AND University Ave. Palo Alto. Mrs E C Hughes and Mrs L J Kennedy to Larsen-Sampson Co.....Mar. 15, 1917
Mar. 23, 1917—S WILLOW ST. bet Plum and Orchard, San Jose. A Barone to V Maggio.....Mar. 20, 1917
Mar. 26, 1917—SW STOCKTON AND Polhemus, near San Jose. Mary J Polhemus to E A Bevens..... .....March 3, 1917
Mar. 28, 1917—NO. 216 AUTUMN St., San Jose. Grace Spencer Hall to E A Bevens.....Feb. 8, 1917
Mar. 29, 1917—SW 50 FT. LOT 13 Buena Vista Sbdvn nr Mountain View. Carl Lindholm to whom it may concern.....March 27, 1917

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESORT HOTEL—2 story and base, rustic. Cost not stated. Vichy Springs, Mendocino Co., Cal. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owners, Vichy Springs Hotel Co. Only preliminary sketches have been made for this building and details of construction will be given later.

RESIDENCE—1 story and base, frame, $1,250. Richmond, Contra Costa Co., Cal. Architect, none. Owner, E. C. Bovyer, Carmel Apartments, Oakland. Location, 17th between Clinton and Burbeck. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1½ story and base, frame, $2,500. Mill Valley, Marin Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mr. Whitman. Will contain four rooms and bath. Plans are being prepared.

CLUB HOUSE—1 and 2 story, rustic, $20,000. Bohemian Grove, Sonoma Co., Cal. Architect, Louis Christian Mulgardt, Chronicle Bldg., S. F. Owners, Bohemian Club. Will contain social hall, sleeping accomodations and banquet room. Plans are being prepared.

WAREHOUSE—1 story, frame, $3,000. Vallejo, Solano Co., Cal. Architect, none. Owners, Southern Pacific Co. Location, railroad yards, covering an area of 25 by 100 feet. Plans complete and work to be done by Day Labor.

Contract Awarded.

LODGE HALL—3 story and base, brick, $70,000. Vallejo, Contra Costa Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Vallejo Masonic Temple Association. Contractors, Cameron & Disston, Hearst Bldg., S. F., general construction, $55,250. Rector Gas System Co., S. F., heatingg, $4,000. Albach & Mayer, S. F., plumbing; and Vallejo Electric Light and Power Co., Vallejo, electric work.

LODGE HALL REPAIRS TO FIRE DAMAGE—3 story and base, brick, $24,000. Petaluma, Sonoma Co., Cal. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Petaluma Masonic Temple Association. Contractor, Ira W. Corburn, Builders' Exchange, S. F. Contract price, $18,000. This contract does not include the heating or store fixture work.

BUILDING CONTRACTS.

Contra Costa County.

STORES
WALNUT CREEK. One-story frame stores.
Owner.....Grines & Nottingham.
Architect....John Stafford White, 15th and Broadway, Oakland.
Contractor....O. L. MacQuiddy, Walnut Creek.
COST, $2,500

COTTAGE
SEVENTEENTH BET. Clinton and Burbeck, Richmond. One-story frame cottage.
Owner.....E. C. Bovyer, Carmel Apts., 25th and Telegraph, Oakland.
Architect.....None.
Day's work. COST, $1,250

COTTAGE
SEVENTH BET. Penn and Lucas, Richmond. One-story frame cottage.
Owner.....L. E. Heaster, 532 13th street, Richmond.
Architect.....None.
Contractor....N. E. Anderson, 441 13th street, Richmond.
COST, $1,475

COTTAGE
SEVENTH BET. Penn and Lucas, Richmond. One-story frame cottage.
Owner.....L. E. Heaster, 532 13th street, Richmond.
Architect.....None.

Contractor N. E. Anderson, 441 13th street, Richmond.
COST, $1,475

COTTAGE
BISSELL BET. 2nd and 3rd, Richmond. One-story frame cottage.
Owner P. Bragetta, 1526 E-Oak street, Stockton.
Architect.....None.
Contractor E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $1,387

COTTAGE
SECOND AND BISSELL, Richmond. One-story frame cottage.
Owner.....P. Bragetta, 1526 E-Oak street, Stockton.
Contractor E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $1,700

COTTAGE
NINTH BET. Nevin and Barrett, Richmond. One-story frame cottage.
Owner.....Chas H. Nicholson, 6th Penn, Richmond.
Architect.....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $1,770

BUILDING CONTRACTS.

Sonoma County.

CHAPEL AND FLAT
FOURTH AND "E" STS., Santa Rosa. Two-story frame and plaster mortuary chapel and flat, 45x100 with L 45 feet.
Owner.....Welti Bros., 418 4th St., Santa Rosa, Cal.
Architect .....None.
Contractor....Geo. C. Norris, 619 Spencer avenue, Santa Rosa.
COST, $9,000

GARAGE
NINTH AND "B" STS., Santa Rosa. One-story stone and concrete garage.
Owner.....Thomas Gemetti, Santa Rosa, Cal.
Architect.....None.
Contractor....J. Lindsay, McDonald Ave., and P. Maroni, 925 Ripley, Santa Rosa, Cal.
COST, $3,500

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick, $50,000. Fresno, Fresno Co., Cal. Architect, Ernest Kump, Rowell Bldg., Fresno. Location, J street between Tuolumne and Stanislaus, covering an area of 50 by 150 feet. Will contain 27 apartments of two, three and four rooms. Plans are being prepared.

BANK ALTERATION — 2 story, Class A construction, $20,000. Modesto, Stanislaus Co., Cal. Architect, R. L. Felchin, Rowell Bldg., Fresno. Owners, Bank of Italy. Location, northeast 10th and I streets. Work will consist of the complete remodeling of the present building, installing new bank fixtures and vaults. Plans complete and ready for figures.

SCHOOL AUDITORIUM—1 story, brick and plaster, $18,480. Fresno, Fresno Co., Cal. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Fresno. Contractor, James L. Daly, Griffith-McKenzie Bldg., Fresno. Contract price, $18,480.

MAUSOLEUM—1 story, reinforced concrete and granite, $150,000. Fresno, Fresno Co., Cal. Architect, John J. Frauenfelder, Story Bldg., L. A. Owners, Odd Fellow's Lodge No. 186. Will cover an area of 140 by 80 feet and contain 500 crypts, chapel, etc. Plans are being prepared. A. H. Gregg and E. M. Wheatland, care of the Odd Fellows Lodge, Fresno, will have charge of construction.

MAUSOLEUM—1 story, reinforced concrete, $30,000. Bakersfield, Kern Co., Cal. Architect, C. A. Cornell, care of owners. Owners, Kern County Abbey Association, Bakersfield. Location, Bakersfield Cemetery, covering an area of 100 by 40 feet. Will contain 200 crypts. Plans complete and work to be done by Day Labor.

LODGE HALL AND STORES — 2 story and base, brick, $26,690. Merced, Merced Co., Cal. Architect, C. H. Russell, Union League Bldg., L. A. Owners, Masonic Temple Association. Contractor, C. Karseboom, 1445 Dana street, L. A. Contract price, $26,690.

HOSPITAL ADDITION—2 story and base, concrete and brick, $55,000. Fresno, Fresno Co., Cal. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Fresno County, Manning Bros., Fresno, presented the lowest bid for this work at $55,850. All bids were taken under advisement. Four other bids were presented as follows: Johnson Bros., Fresno, $63,800; Trewhitt-Shields Co., Fresno, $59,000; James G. Daly, Fresno, $57,200; and R. Anderson & Co., Fresno, $58,715.

RESIDENCE—1 story and base, frame, $1,500. Fresno, Fresno Co., Cal. Architect, none. Owners, Dow and Cannon, Fresno. Location, Belmont addition. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

Contract Awarded.

SCHOOL—1 story, frame, $1,040. Willow Creek, Madera Co., Cal. Architect, none. Owners, Willow Creek School District. Contractor, C. W. Miller, Madera. Contract price, $1,040.

BUILDING CONTRACTS

Fresno County.

DWELLING
LOTS 1 TO 4 BLK 30 Belmont Add'n., Fresno. Dwelling.
Owner.....Dow & Cannon.
Architect .....None.
Day's work. COST, $1500

DWELLING
LOTS 39 AND 40, BLK 1, Yosemite Add, Fresno. Dwelling.
Owner.....Alice M and C. R. Sheppard, 380 Poplar, Fresno.
Architect.....None.
Contractor....J. R. Church, 1221 U St., Fresno.
Filed Mar. 31, '17. Dated Mar. 19, '17.
Walls raised $550
Completion of plastering 550
Completion of dwelling 550
Usula 35 days 550
TOTAL COST, $2200
Bond, $1100. Sureties, C. N. Shaw and C. C. Parret. Forfeit, none. Limit, 75 days from March 27, '17. Plans and specifications filed.

DWELLING AND GARAGE
LOTS 20 AND 21 BLK 8, La Sierra Tract, Fresno. Dwelling and garage.
Owner.....Central California Land and Improvement Co., 955 I St., Fresno.
Architect.....None.
Contractor....R. C. Blackwell, 1556 Central, Fresno.
COST, $3950

DWELLING
LOTS 9 AND 10, BLK 40, Arlington Heights, Fresno. Dwelling.
Owner.....B. C. Rasmussen.
Architect.....None.
Contractor....C. L. Saylor, 1035 Green street, Fresno.
COST, $1700

DWELLING
LOTS 3 AND 4, BLK 42, Arlington Heights, Fresno. Dwelling.
Owner.....Peter Rasmussen.
Architect.....None.
Contractor....Morris Bros.
COST, $1500

DWELLING
LOTS 3 AND 4, BLK 59, East Fresno, Fresno. Dwelling.
Owner.....J. C. Reynolds.
Architect.....None.
Contractor....C. L. Saylor, 1035 Green street, Fresno.
COST, $1400

PLAY HOUSE
LOT 12, LA SIERRA TRACT, Fresno. Play house.
Owner.....Einstein Investment Co., Tulare and K streets, Fresno.
Architect.....None.
Contractor....R. C. Blackwell, 1556 Central St., Fresno.
COST, $1350

FLATS
E 60 FEET OF LOTS 44, 45 AND 46 Blk 1, Forthcamp Addition, Fresno. All work for flats.
Owner.....Mrs. Annie Starratt.
Architect .....None.
Contractor....Gede & Gede, 451 Poplar Ave., Fresno.
COST, $7166

DWELLING
LOTS 10 BLK 4, Alta Vista Tract, Fresno. Dwelling.
Owner.....W. G. Firstenberger, 419 Abby St., Fresno.
Architect .....None.
Contractor....H. Dickey, 150 Howard St., Fresno.
COST, $2200

COMPLETION NOTICES

Fresno County.

RECORDED ACCEPTED
Apr. 2, 1917—LOTS 23 AND 24 BLK 21, Arlington Heights Tct, Fresno Louise Ioima to whom it may concern .....March 22, 1917
Apr. 4, 1917—SEC. 35, 19-15 oil well No 26. Kern Trading & Oil Co to whom it may concern..Apr. 2, 1917
Apr. 3, 1917—NE COR. BLK "A" Iowa Add'n, Fresno. K C Buwalda to whom it may concern..Apr. 2, 1917

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

RESIDENCE—1 story and base, frame, $2,500. Sacramento, Cal. Architect, none. Owner, H. G. Birdsall, 2811 T street, Sacramento. Location, 2031 30th street. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

DETENTION HOME—2 story and base, brick, $20,000. Stockton, San Joaquin Co., Cal. Architect, Joseph Losekann, Stockton. Owners, San Joaquin County. All bids received for this work on April 3rd have been rejected as being above the amount available. A complete list of the bids will be found under the heading of Bids Opened in this issue.

SCHOOL—1 story and base. Class C construction, $32,000. Washington, Yolo Co., Cal. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Washington School District. Will contain six class rooms, assembly hall and departments for manual training and domestic science. Plans are complete and bids being taken.

LODGE BUILDING—2 story and base, brick, $11,000. Meridian, Sutter Co., Cal. Architect, Robert L. Holt, First National Bank Bldg., Berkeley. Owners, Meridian Lodge No. 212 I. O. O. F. Will contain stores on the first floor and lodge rooms above. Plans are being prepared.

HOSPITAL POWER PLANT AND ADMINISTRATION BUILDINGS — 1 and 3 story and base, hollow tile and Brick. Cost not stated. Sacramento, Cal. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Sacramento County. The architect has been authorized by the Supervisors to complete plans and specifications for the administration building and power house at the new County Hospital. Construction will be of hollow tile and concrete. Bids will be called for before July 1st, at which time contracts will be awarded.

SHOP BUILDING—1 story, brick, $30,000. Sacramento, Cal. Engineer, Company Engineer, Flood Bldg., S. F. Owners, Southern Pacific Co. The company has commenced the construction of Shop No. 9 in the company's yards at Sacramento. The building will be a large brick structure costing in the neighborhood of $30,000. The work is being done by Day Labor. Heavy timber trusses are being used in place of steel.

STORES—2 story and base, brick, $18,000. Manteca, San Joaquin Co., Cal. Architect's name not given. Owners, Wells & Pezzoni, Manteca. Will contain stores on the first floor and either rooms or offices above. Plans are complete and work being done by Day Labor.

SCHOOL—1 story and base, Class C construction, $20,000. Esparto, Yolo Co., Cal. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Esparto School District. Will contain four class rooms, emergency room, library and teachers' room. Plans are being prepared.

JAIL—1 story, reinforced concrete. Cost not stated. Willows, Glenn Co., Cal. Architect, none. Owners, Glenn County. Bids are being taken for a jail building and offices for the Justice of the Peace. Plans can be secured from the County Clerk.

FIRE HOUSE—1 story and base, brick. Cost not stated. Sacramento, Cal. Architect, none. Owner, City of Sacramento. Bids will be opened on April 17th at 10 o'clock for a chemical engine house. Plans can be secured from the office of the City Clerk.

HOTEL—4 story and base, reinforced concrete, $75,000. Woodland, Yolo Co., Cal. Architect, Walter H. Judson, 5317 Lawton avenue, Oakland. Owners, Woodland Hotel Co. Only preliminary plans have been submitted to the owners and further details will be given when plans are approved.

Contract Awarded.

OFFICE BUILDING RECONSTRUCTION—5 story and base. Class A construction, $100,000. Sacramento, Cal. Architects, Woollett & Woollett, Highland Place and Ridge Road, Berkeley and Sacramento. Owners, Physicians' Building. Contractor, George D. Hudnutt, California Fruit Bldg., Sacramento. Contract price, $100,000.

BUILDING CONTRACTS

Sacramento County.

ALTERATIONS
W ½ OF S ¼ LOT 8, M. N. 8th and 9th Sts., Sacramento. Carpentry, masonry, wiring, plumbing, plastering and painting for alterations and additions to three-story nine-room apartments.
Owner.....Dr. F. B. Suttliff, 801 N St., Sacramento.
Architect.....G. E. Harvie.
Contractor....G. E. Harvie, 2212 T St., Sacramento.
Filed Apr. 3, '17. Dated Apr. 3, '17.
As work progresses.....
TOTAL COST, $7500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
First report Feb. 17, 1917.

NO. 1901 FOURTEENTH ST., Sacramento. Repair dwelling.
Owner.....Fred Lichenmeyer.
Architect.....None.
Day's work. COST, $1700

FRAME DWELLING
NO. 2911 P ST., Sacramento. One-story frame dwelling.
Owner.....C. A. Lambert, Premises.
Architect.....None.
Contractor....Chatterton Bros., 3126 Serra Way, Sacramento.
COST, $2700

BRICK STORES
LOTS 6 AND 7 K, L, Front and Second Sts., Sacramento. One-story and basement brick stores.
Owner.....W. J. Irving, 1623 K St., Sacramento.
Architect.....None.
Contractor....M. F. McKenzie, 1126 T St., Sacramento.
COST, $12,800

DWELLING
2809 "F" STREET, Sacramento. One-story frame dwelling (5 rooms.)
Owner.....A. H. Wulff, 1405-B F street, Sacramento.
Architect.....None.
Contractor....G. W. McKay, 1018 T, Sacramento.
COST, $2,100

DWELLING
2031 THIRTIETH ST., Sacramento. One-story frame dwelling (5 rms.)
Owner.....N. G. Birdsall, 2811 "T," Sacramento.
Architect.....None.
Day's work. COST, $2,100

DWELLING
2027 TWELFTH ST., Sacramento. One-story frame dwelling (5 rms.)
Owner.....Peter B. Byrne.
Architect.....None.
Contractor....W. M. Kennedy, 3330 Orange Ave., Sacramento.
COST, $2,200

COTTAGE
SUTTER TERRACE, LOT 13, Sacramento. Four-room cottage.
Owner.....Yee Lim.
Architect.....M. G. Burnside.
Contractor....M. G. Burnside, Sacramento.
Filed Mar. 30, '17. Dated Mar. 28, '17.
First payment $335
Second payment 335
Third payment 335
Fourth payment 350
TOTAL COST, $1355
Bond, Sureties, Forfeit, none. Limit, 60 days from date or 45 working days. Plans and specifications filed.

DWELLING
LOT 13, SUTTER TERRACE, Sacramento. One-story dwelling (4 rms and bath).
Owner.....Lee Yim.
Architect.....None.

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

Contractor....M. G. Burnside, Sacramento.
COST, $1,500

REMODELING
FOURTH AND K STREETS, Sacramento, NE corner. All work remodeling and repair work on premises
Owner.....Fanny L. and Cora F. Hammer.
Architect.....None.
Contractor....Charles Van Hall, 3rd and K Sts., Sacramento.
Filed Mar. 22, '17. Dated Mar. 22, '17.
TOTAL COST, $4,335
Bond, $2,167.50. Sureties, Frank Grey and J. J. Sinclair. Forfeit, none. Limit, 45 working days. Specifications only filed.

REPAIRS
NO. 5301 T ST., Sacramento. Repair dwelling.
Owner.....Henry Davis, Sacramento
Architect .....None.
Day's work. COST, $1800

BRICK CREAMERY
NO. 819 D ST., Sacramento. Two-story brick creamery.
Owner.....Grand Royal Ice Cream Co. 1116 7th, Sacramento.
Architect .....None.
Contractor....A. Carlson, 573 18th, S. F.
COST, $9000

COMPLETION NOTICES

Sacramento County.

RECORDED ACCEPTED
Mar. 30, 1917—LOT 6 BLK 8, 9 X, L M Sts., Sacramento. Sarah J Finnie to John A Silva.....Mar. 2, 1917
Mar. 28, 1917—NORTH SACRAMENto. Essex Lumber Co to Ira C Boss.....Jan. 22, 1917

BUILDING CONTRACTS.

San Joaquin County.

BANK AND OFFICES
MAIN AND SAN JOAQUIN STREETS, Stockton. All imitation stone, lathing and plastering for nine-story bank and office building.
Owner.....Farmers' and Merchants' Bank Bldg., Stockton.
Architect.....Geo. W. Kelham, Sharon Bldg., S. F.
Contractor....Paul E. Denivelle, 524 Post, San Francisco.
Filed Apr. 2, '17. Dated Mar. 26, '17.
1st and 15th of each month..... 75%
Usual 35 days 25%
TOTAL COST, $9,924
Bond, $4,962. Sureties, United States Fidelity and Guaranty Co. Forfeit, any damage to owner. Limit, 75 days after contract. Plans and specifications filed.

RESIDENCE
ELM 100 W ELDORADO, Stockton. One and one-half story frame residence.
Owner.....C. G. Gall, Eldorado and Elm, Stockton.
Architect.....Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor....A. J. McPhee, 316 N. California St., Stockton.
Filed Mar. 6, '17. Dated Feb. 28, '17.
Rough frame up.....$671
Enclosed and roof on..... 668
Plumbing tested and plastered 668
Inside woodwork finished..... 668
Completed 892
Usual 35 days.....Balance
TOTAL COST, $3,567
Bond, $1600. Sureties, J. H. Miller and L. Cassinelli.. Forfeit, as owner claims. Limit, 3 days after time agreed. Plans and specifications filed.

FLATS
CORNER STANISLAUS AND LAfayette, Stockton. Four flats (2 story frame).
Owner.....Miss Louise Higuera, corner Lafayette and Stanislaus, Stockton.
Architect.....Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor....A. J. McPhee, 316 N. California St., Stockton.
Filed Mar. 6, '17. Dated Mar. 5, '17.
Rough frame up $1,047
Enclosed and roofing completed 1,040
Plumbing tested and plastering completed 1,040
Inside wood finish completed 1,040
Completed and accepted 1,390
Usual 35 days.....Balance
TOTAL COST, $5,557
Bond, $2,778.50. Sureties, V. J. McPhee and Rose H. McPhee. Forfeit, as owner claims. Limit 3 days after time for finish. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE AND OFFICES—2 story, brick. Cost not stated. Anaheim, Orange Co., Cal. Architects, John P. Kremple and Walter E. Erkes. Will contain a store on the first floor and two and three room suites and offices above. Plans are being prepared.

SCHOOL—1 story and base, brick, $35,000. Torrance, Los Angeles Co., Cal. Architect, City Dept. of Architecture, Torrance. Owners, City of Torrance. Lee Callahan, 2324 Michigan avenue, L. A., presented the lowest bid for the general construction at $27,873. J. Hokom, 4312 South Mono avenue, L. A., the low bid for the plumbing and heating at $6,357. Contracts will be awarded.

STORES AND LOFTS—2, 10 story and base. Class A construction, $350,000. Los Angeles, Cal. Architect, Frank L. Stiff, Van Nuys Bldg., L. A. Engineer, George W. Harding, Hellman Bldg., L. A. Owner, M. J. Connell. Location, Los Angeles between Seventh and Eighth streets, covering areas of 80 by 154 and 62 by 167 feet. Plans complete and work to be done by subcontract.

CHURCH AND INSTITUTIONAL BUILDING—6 story and base, Class A construction, $150,000. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Methodist Board of Spanish Missions. Location north side of plaza on Old Fremont street, covering an area of 100 by 100 feet. Plans are being prepared.

BOTTLING PLANT—2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, E. C. Hengels, Milwaukee, Wis. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Arrowhead Springs Co. Location, Compton avenue and Washington street, covering an area of 146 by 113 feet. Plans complete and work to be done by Day Labor.

CHURCH—1 story, brick and frame. Cost not stated. San Dimas, Los Angeles Co., Cal. Architects, Jeffery & Schaefer, Van Nuys Bldg., L. A. Owners, San Dimas Union Church. Will cover an area of 60 by 70 feet and have a seating capacity of 500 people. Plans are complete and figures being taken.

GARAGE—2 story and base, brick, $25,000. Los Angeles, Cal. Architect, John J. Frauenfelder, Story Bldg., L. A. Owner, J. M. Irvine. Location, Grand avenue near Third street, covering an area of 75 by 145 feet. Plans complete and work to be done by Day Labor and sub-contract. .

LODGE ADDITION—2 story and base, brick. Cost not stated. Oxnard, Ventura Co., Cal. Architects, Temple & Erkes, Henne Bldg., L. A. Owners, Masonic Temple Association. The main floor will contain a large ball room and upper floor banquet room and club rooms. Plans are being prepared.

GARAGE—2 story and base, Class C construction, $25,000. Los Angeles, Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, Mrs. Amanda Salter. Contractor, Val Katzenberger, 961 South Johnson street, L. A. Contract price, $25,000.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Church, leased to Walter M. Brown. Location, southwest Washington and Figueroa streets, covering an area of 100 by 179 feet. Plans are being prepared.

RESIDENCE—2 story and base, hollow tile, $25,000. Long Beach, Los Angeles Co., Cal. Architect, Andrew G. Paul, 1513 West Seventh street, L. A. Owner, J. J. Haggerty. Location, 1560 Ocean avenue. Will contain 12 rooms, 4 baths and sleeping porches. Separate garage. Plans complete and work to be done by Day Labor.

Contract Awarded.

RESIDENCE—2 story and base, hollow tile, $250,000. Pasadena, Los Angeles Co., Cal. Architect, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Edwin Francis Holmes. Contractors, Milwaukee Building Co. Contract price, $250,000.

HOTEL—3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect's name not given. Owners, Harbolt Hotel Co. Contractors, Hetzel-Winget Co., California Bldg., L. A. Contract price not stated.

THEATRE—1 story and base, Class C construction, $60,000. Coronado, San Diego Co., Cal. Architect, Harrison Albright, Spreckels Bldg., San Diego. Owner, John D. Spreckels. Contractors, Wurster Construction Co., Spreckels Bldg., San Diego. Contract price, $60,000.

PORTLAND AND OREGON.

GRAIN ELEVATOR — Reinforced concrete. Cost not stated. Astoria, Ore. Engineer, R. R. Bartlett, Astoria. Owners, City of Astoria. The

engineer has been instructed to complete plans and specifications. Work will be carried out under the direction of the Port of Astoria Commission.

FACTORY 2 story and base, brick. Cost not stated. Portland, Ore. Architect, none. Owners, Lawyers Title and Trust Co. Location, east 32nd and Sandy Road, covering an area of 150 by 42 feet. Plans complete and work to be done by Day Labor.

RESIDENCE 2 story and base, brick and tile. Cost not stated. Portland, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owner, C. T. Earley. Location, east 25th and Stanton streets. Will contain twelve rooms, three baths and sleeping porches. Separate garage. Plans are being prepared.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—4 story and base, brick, $70,000. Seattle, Wash. Architect, W. H. Milner, Haight Bldg., Seattle. Owners, P. D. Ehle & Son. Location, Boylston avenue and Olive street, covering an area of 68 by 100 feet. Plans are complete and figures being taken by the owners.

SCHOOL ADDITION—2 story and base, brick, $74,357. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. The Sound Construction Co., Seattle, presented the lowest bid for this work at $75,357 and will be awarded the contract.

MARKET—2 story and base, brick, $120,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, Stanton and Hill. Location, Market and 11th streets, covering an area of 220 by 465 feet. Plans are being prepared.

SHIP BUILDING PLANT—$125,000. Tacoma, Wash. Engineer's name not given. Owners, Todd Shipbuilding Co. Contractors, Hurley-Mason Co., Hoge Bldg., Seattle. Contract price, $125,000.

POWER PLANT—1 story and base, reinforced concrete, $80,000. Seattle, Wash. Architect, Daniel Huntington, City and County Bldg., Seattle. Owners, City of Seattle. Location, Eastlake avenue and Nelson Place, covering an area of 80 by 89 feet. Plans are complete an dwork to be done by Day Labor. Sub-figures are wanted.

NEVADA.

SCHOOL—1 and 2 story and base, reinforced concrete, $75,000. Fallon, Nev. Architects, Wilson & Eager, American National Bank Bldg., Monrovia, Cal. Owners, Churchill County High School District. Will cover an area of 160 by 224 feet and contain 14 class rooms, auditorium and gymnasium. Plans are complete and ready for figures.

MINER CHIPMAN ON "CALIFORNIA FACTORIES."

Mr. Miner Chipman, the Boston expert on Efficiency, will tell the members of the Home Industry League of California the results of his observations, made during his six months' study of local conditions, on Thursday, March 29th, at the Palace Hotel. Organization, Production, Quality Standards, Efficiency and Industrial Regulation, appertaining to the factories of the State will be discussed by Expert Chipman.

As Mr. Chipman comes to San Francisco with a nationally made reputation for getting results for business houses, as well as for presenting his findings in an extraordinarily absorbing manner, many factory-owners outside the League membership have been invited to be guests of the League on this occasion.

The speech of Mr. Chipman will be repeated, in modified form, for the members of the Y. M. C. A. at their annual dinner to be held on Thursday evening at the Association Auditorium.

The general public is cordially invited to hear both talks.

RECENT WORK OF THE FOREST PRODUCTS LABORATORY.

(Continued from April 2nd Issue)

Preservation of Piling.

An inspection of the piling installed at Gulfport, Mississippi, and Pensacola, Florida, at various times since 1910, showed that the pieces treated with straight coal-tar creosote and high-boiling creosote fractions IV and V were still in excellent condition. Those treated with high-boiling water-gas-tar creosote were also in good condition, but those treated with the lighter water-gas-tar oils showed marked signs of failure. Piling treated with wood-tar-creosotes from both hard and soft woods was badly attacked. Specimens treated with an iron acetate solution were practically destroyed. Piling treated with creosote containing a metal, such as iron or copper in solution, was in better condition than that treated with creosote alone. Creosote to which crude naphthalene was added did not protect the specimens as well as the plain creosote oil. The addition of tar to the oil appeared to be of some slight benefit so far as the protection was concerned, but the penetrations were much more erratic and the result was localized attack where the wood was slightly penetrated. These studies are furnishing excellent fundamental data on proper methods of prolonging the life of piling against attack by marine borers.

Wood Block Paving Fillers.

Tests on paving block fillers showed that both asphaltic and coal-tar fillers are seriously affected by the absorption of creosote from the paving blocks. The melting point, specific gravity, and viscosity were all lowered. A filler has been prepared and is under test which is expected to be less objectionable than any now in use.

Wood Block Floors.

A survey has been completed of the use of wood blocks for flooring in factories, warehouses, and other places of heavy wear; and proper methods have been worked out for laying the blocks. The use of wood blocks for this purpose is increasing rapidly.

Tests completed on the treatment of wood blocks showed that to secure the best penetration of the preservative, the pressure applied should be comparatively low and held for a long period of time. This gave a more uniform penetration than was obtained by means of a higher pressure applied for shorter period. The proper application of this principle will undoubtedly result in substantially prolonging the life of wood blocks.

Preservation of Silos.

Creosoted wood staves were driven into one of the silos of the University of Wisconsin and analyses were made of the ensilage in contact with these staves. It was found that although the ensilage contained a certain amount of creosote it did not prove injurious to the appetite or health of the cattle. This confirms the results of previous studies.

PULP AND PAPER.

Utilization of Bark for Felts.

The Laboratory has discovered and thoroughly tested a new use for spent hemlock bark, which gives promise of being immensely important from an industrial standpoint. Over 200,000 tons of roofing felts are now made annually in this country, the basic fiber material used being rags. On account of the war and an increase in the business prosperity of the country, the price of rags rose to $72 per ton. The Laboratory then discovered a method whereby it was possible to substitute spent hemlock bark for as much as 30 per cent of the rag stock. The bark is now used chiefly for fuel, and for this purpose is worth about one-fifth as much as soft coal per ton. The tests were supplemented by mill trials, and roofing felts containing 30 per cent of bark are now being manufactured commercially. The mill with which the Laboratory co-operated in these tests is now utilizing 150 tons of bark per week and, as a result of this substitution, is saving $1,300 per week. This use of bark, if universally adopted, should cut the cost of manufacturing felts in this country probably $1,000,000 annually. At the same time, the value of the bark will be doubled.

Other New Uses for Bark.

Studies are now under way to find methods of substituting bark for other materials in the manufacture of wallboard, indurated pails, conduits, wall paper, etc. Most interesting and promising results have already been obtained.

A new method of producing tannin and fiber from hemlock bark has been tested. It consists in mechanically disintegrating shredded hamlock bark in an ordinary beating engine under proper temperature control. A short treatment in the beater removes a large amount of tannin from the bark, at the same time reducing the bark to a condition suitable for manufacture into paper products. This new process gives promise of successful commercial application.

STATE CORPORATION DEPARTMENT

SACRAMENTO, Cal. – During the month of February, Commissioner of Corporations H. L. Carnahan authorized the sale of 6,259,959 shares of stock and $885,000 bonds by 197 corporations. The proposed aggregate selling price of the stock was $16,192,018 and the minimum selling price of the bonds authorized was $883,000, a total of more than $17,000000. New applications for authority to issue securities

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RATES REASONABLE

were filed by 181 companies having an aggregate authorized capital stock of $45,000,000.

Commissioner Carnahan has authorized the following companies to issue securities:

Cocotone Chemical Company, Los Angeles—To issue 62 shares to G. N. Wilson in exchange for the assets of his business, and to sell 35 shares at par, $100 per share, net to the company.

Art Concrete Works, Pasadena—To issue 190 shares to Leo. G. Haase, 20 shares each to Frank M. Brooks, M. H. Brooks and C. H. Jones and 10 shares to K. A. Haase in exchange for the assets of a business, and to sell 40 shares at par, $100 per share, net to the company.

Valley Concrete Pipe Company, Van Nuys—To issue 750 shares to F. J. Dettenthaler and 375 shares each to G. D. and J. G. Williamson in exchange for the assets of a business, and to sell 1000 shares at par, $10 per share, to net the company not less than 90.

Antelope Valley Lumber Co., Los Angeles—To sell 350 shares to its present stockholders at par, $100 per share, net to the company.

Echo-Brea Oil Company, Los Angeles—To issue 400,000 shares to Acquilla Oil & Mineral Company in exchange for approximately 1600 acres of unpatented claims in the Sespe District, Ventura County; 150,000 shares to A. C. Labrie, J. A. Brower and J. M. Buzzell in exchange for drilling equipment; to sell 35,000 shares at par, 10c per share, to net the company the full amount of the selling price, and 75,000 shares at 25c per share, to net not less than 80. It is estimated that approximately $10,000 will be needed to complete the first well which has been drilled to a depth of about 600 feet and $25,000 for each well subsequently drilled.

ELECTRIC ACTIVITY IN ORE DEPOSITS.

The marvelous accomplishments in electric science have far surpassed anything that men would have dared to predict in the early days of its development, yet certain prophecies in regard to it have remained unfulfilled. Among these are the suggestions of some geologists that electric phenomena might play an important part in the formation of ore deposits and that electric methods might be utilized in prospecting for ore bodies. Both these suggestions, in the light of the growing knowledge of ore deposits and of electricity, appear to be illusions. It is now clear that the great causes of ore deposition are not electric in the ordinary sense and that the electric currents generated in ore deposits are far too small to aid a prospector in discovering ore by their influence on a galvanometer or other electric apparatus held in his hands.

If however electricity is denied a leading part in the formation of ore deposits its action can not be excluded entirely. It is well known that many chemical reactions are capable of developing measurable electric currents, and it should therefore be expected that in places where chemical action is in progress in ore deposits today electric activity should also be detectable. This has indeed been shown to be the case by several experimenters, and miniature batteries can be formed with water for the battery fluid and certain metallic minerals common in ore deposits as the poles. A report entitled "Electric Activity in Ore Deposits," by Roger C. Wells, recently issued by the United States Geological Survey, records a series of careful measurements of the electric potentials developed when various metallic minerals common in ore deposits are in contact with water or with solutions of various salts. Mr. Wells concludes that the character of the solutions has fully as great an influence on the electric activity developed as the nature of the metallic minerals and that in general acid and oxidizing solutions give the highest potentials and alkaline and reducing solutions the lowest. Economic geologists have long recognized that the solutions in the upper oxidized portion of many ore deposits are acid and oxidizing, while farther down they become neutral or alkaline. Whether such variations and the electric differences dependent upon them are sufficient to cause an appreciable electric current to flow from the upper part of an ore deposit to a lower part or vice versa is still an open question. Surely such action, if it exists, is of relatively minor importance in controlling ore deposition, the main factor being the actual movement of metal-bearing solutions from one

place to another. Measurements of electric potential can, however, be quickly and easily made and may prove very useful in indicating the direction and intensity of the chemical reactions of which they are one expression.

Mr. Wells's report, which was issued as bulletin 548 of the United States Geological Survey, is technical in character and will be of interest mainly to chemists, physicists, and economic geologists. It may be obtained at a cost of 10c a copy from the Superintendent of Documents, Washington, D. C.

POST OFFICE TO ISSUE NEW 5-CENT ENVELOPE.

At a near date there will be available to the business public a new No. 8 amber-colored envelope bearing a 5-cent stamp. The United Seates Post Office Department plans to issue this in response to the requests of exporters and others carrying on correspondence with foreign countries who have found the No. 3 and No. 5 stamped envelopes (respectively 3⅜ by 5⅞ and 3½ by 6-5-16 inches) already issued so great a convenience that an appeal was made for one of larger size. The No. 8 envelope is 4⅛ by 9½ inches, high cut, and will be furnished either plain or with return card printed in the corner. The plain envelopes will cost $52.28 per thousand and may be obtained in any quantity; the printed envelopes will cost $52.72 per thousand and will be supplied only in lots of 500 or multiples thereof.

The movement leading to the issuance of the new 5-cent envelope was started by the foreign-trade department of the Cleveland Chamber of Commerce, the co-operating office of the Bureau of Foreign and Domestic Commerce in that city. The compliance of the Post Office Department with its request is but another step in the campaign to eliminate the short-paid-postage nuisance. Many plans to overcome this evil have been put forward from time to time, ranging from separate boxes for foreign mail to the use of distinctive styles and colors of stationery, all designed to fix the attention of the clerk having the stamping of the mail matter under his charge. The use of an envelope already stamped with the proper postage has proved a most effective check against the sending of letters to foreign countries short paid.

As stated, the new envelope will be made of amber-colored paper, to match the No. 3 and No. 5 five-cent envelopes already issued. All three may be obtained in pure white if desired, but the use of the distinctive color for foreign mail has received the indorsement of some of America's most important manufacturing and exporting interests, and the chief call will probably be for the colored envelope

ITEMS OF INTEREST.

SACRAMENTO, Cal.—The Engineers of Sacramento and Superior California met this week in their temporary quarters in the Forum Building, and formed an organization which will hereafter be known as the Engineers' Club of Sacramento. The membership embraces those actively engaged in civil, mechanical, electrical and mining engineering.

The object of the club will be the promotion of the social and business interests of its members, the advancement of engineering knowledge, and the maintenance of a high professional standard among its members.

Means to be employed by the club to promote the attainment of its objects shall be meetings for social and professional intercourse, reading and discussion of original papers, published articles pertaining to engineering, and allied subjects, and the maintenance of offices and quarters for the use of the club and the convenience of its members.

Major Paul M. Norboe is the new President, G. R. Winslow, Vice President, and Albert Givan, Secretary.

SACRAMENTO, Cal.—F. W. Kiesel, Vice President of the California State Life Insurance Company, announced to agents of the company, gathered in Sacramento from many states for a conference, that the company is planning the erection of a substantial structure in this city during the next two years. The lease on the present quarters in the Forum Building expires in about two years.

CLIO, Plumas Co., Cal.—Logging operations will begin here shortly. The Davies Mill & Lumber Company near Blairsden will be ready to grind out lumber shortly and will work a larger crew than ever before.

DEETH, Nev.—Stock to the amount of $50,000 has been subscribed for the building of a new hotel at Deeth to replace the one that was burned when fire wiped out the business section of the town a little more than a year ago.

The new hotel is to be a two-story brick building of 25 rooms, with the kitchen, dining room, office and bar on the first floor. Ben F. Arnold will have the management of the new institution. W. M. Weathers is president of the new hotel company, J. E. Enelsen is vice president and B. F. Arnold is secretary and treasurer.

RECENT WORK OF THE FOREST PRODUCTS LABORATORY.

(Continued from April 4th issue)

Sulphate Process.

A new method of cooking wood by the sulphate process has been developed and patents have been applied for. Wood cooked by this method has given larger yields of pulp, greater strength, in a shorter time, and with less consumption of chemicals than with the standard method now used. Cooks were made on thirteen different species of wood and excellent sheets were produced, particularly from spruce, Alpine fir, and western yellow pine. Paper made from western yellow pine tested 1.56 points per pound and had a silky sheen and color. From the standpoint of bursting strength and appearance it was superior to any kraft paper the Laboratory has yet produced.

A method for analyzing white and black liquors in the sulphate process was developed and published.

A study was completed in co-operation with a paper company to determine the loss in chemicals caused by cooking unbarked chips of yellow pipe. It was found that for every ton of wood carrying 4 per cent bark, 23 pounds of caustic soda and 8½ pounds of sodium sulphide were used simply to reduce the bark. Furthermore, practically no fibre was obtained from the bark.

Soda Process.

The introduction of moisture into the digester during the cooking period increased the yield of soda pulp 9 per cent. The modifications in the kraft process were also applied in the soda process with excellent results.

Effect of Color on Eye Fatigue.

In co-operation with the Department of Psychology of the University of Wisconsin, a study was made to determine the effect of color of paper and of glare upon eye fatigue. Some original and interesting methods of testing eye fatigue were developed. These studies showed that practically no difference in eye fatigue was produced by reading from newsprint paper manufactured from tamarack as compared with that from spruce. From the standpoint of ease of reading there is no valid objection to newsprint paper made from woods such as tamarack which produce darker colored papers.

Utilization of Mill Waste for Sulphite Chips.

The increasing cost of pulpwood is focalizing attention upon the possibility of utilizing sawmill waste for the manufacture of chips suitable for pulp. An exhaustive study has been completed showing the extent to which mill waste is now used in making pulp as well as methods of barking, chipping, screening, drying, and baling chips. This study indicates that there is likely to be an extensive utilization in the future of certain kinds of mill waste, particularly hemlock. Co-operation has been started with some paper mills in Wisconsin to test the utilization of such waste on a commercial scale.

BUSINESS OPPORTUNITY.

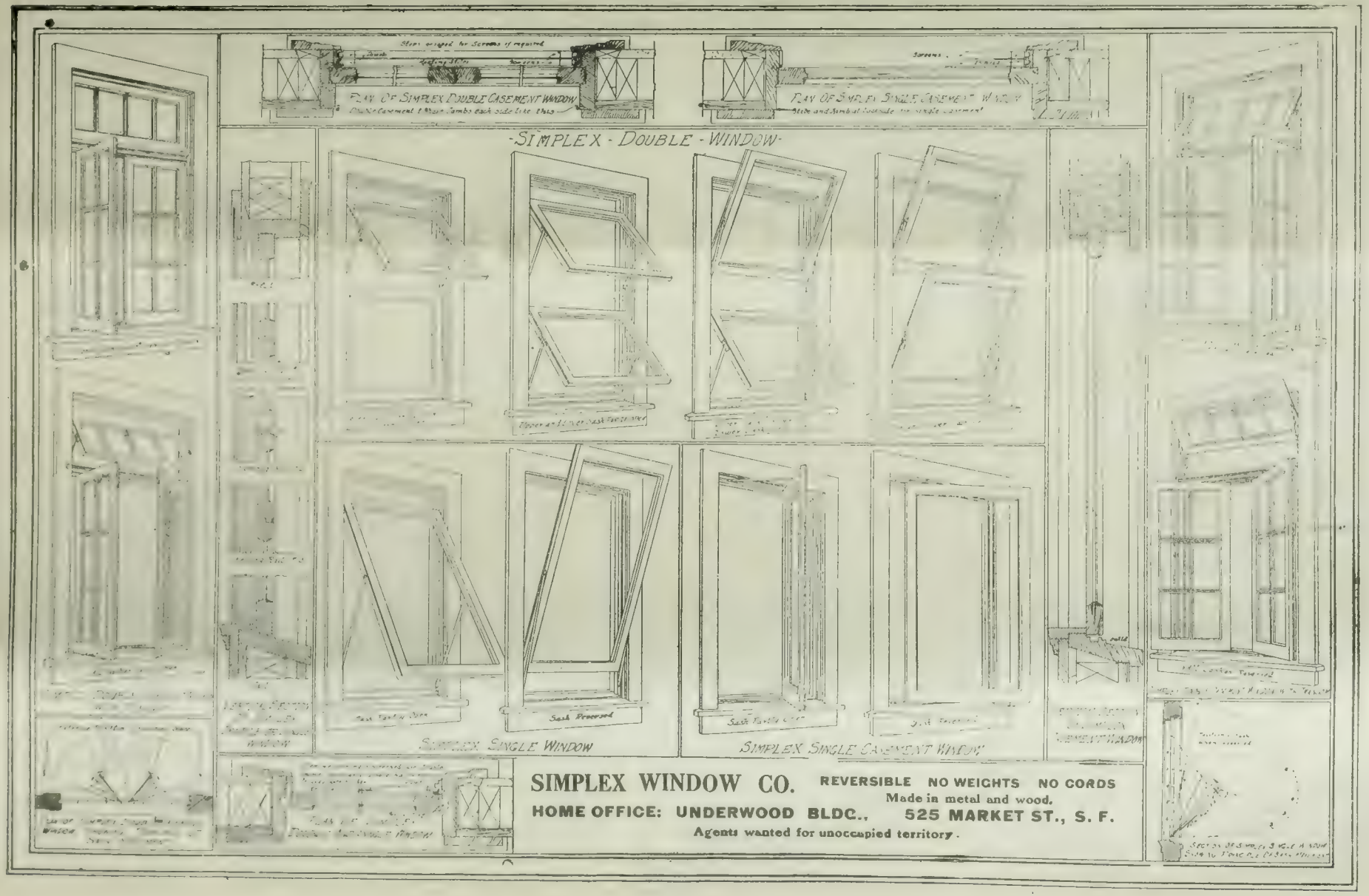
The name of a competent electrical and consulting engineer at San Jose, Costa Rica, may be obtained from the Bureau of Foreign and Domestic Commerce, Customhouse, San Francisco, by American firms desiring to make use of such serivce in that country. Refer to file No. 1134.

The following inquiries were received by the Industrial Department of the San Francisco Chamber of Commerce:

Joseph W. Doherty, 36 Mayfield St., Dorchester, Boston, Mass., desires to open accounts to represent San Francisco manufacturers in that market.

B. A. Vaughn, Corning, Cal., is seeking a market for a cooking range which he has patented.

Wm. Tomkins, San Diego Chamber of Commerce, San Diego, Cal., desires to get in touch with manufacturers or dealers in machinery for the manufacture of re-crystalization of salt.


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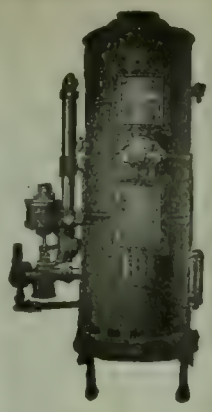
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9:40A	Pinehurst, Concord, Sundays and Holidays.
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3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
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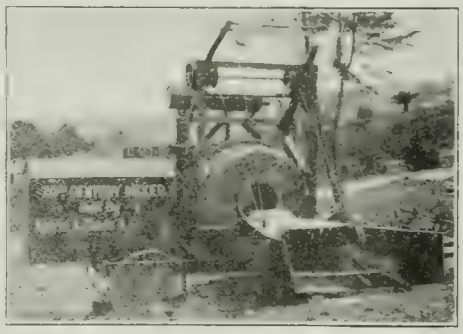
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

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560 Mission Street.
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Special Enducements In Engineers' Reserve Corps.

Skilled Mechanics Offered Exceptional Opportunities. Employers Asked to Display this Notice.

A request has been made of the employers of all kinds of skilled mechanics to call the attention of their men to the following mention of the Engineers' Reserve Corps now being recruited to full strength in the various cities about the bay district.

"All journeymen and master mechanics will receive special inducements in enlisting in the Engineers' Reserve Corps and will be graded according to their mechanical ability and experience. Pay in the service ranging from $15 to $75 per month including all sustenance, equipment, transportation and medical treatment. Special attention is called to the fact that the age limit in this branch of of the service has been raised from 35 years to 45 years. Enlistment is for four years, but in time of peace members will be required to give only 15 days in each year to active service or encampment."

This branch of the service is exceedingly short of men and therefore offers exceptional inducements to skilled mechanics in the following trades and professions: Surveyors, draughtsmen, photographers, litographers, blueprint men, masons, quarrymen, miners, bridge and other carpenters, blacksmiths, plumbers and pipefitters, electricians, machinists, enginemen and firemen, caulkers, riggers, boatmen, teamsters, packers, saddlers, horseshoers, cooks and clerks. Anyone interested should communicate with Captain Parks, Engineers' Officers, 204 Pine St., corner of Battery, San Francisco.

NOTICE:—EMPLOYERS PLEASE POST IN A CONSPICUOUS PLACE IN YOUR SHOP OR FACTORY.

NO RACE IMMUNE FROM TUBERCULOSIS.

No country, no race, no sex, no color is immune to tuberculosis. Similarly no tissue, no member, nor portion of the human body is immune to its inroads, both as to people and tissues brings about strange results. Tuberculosis of a bone or a joint is very different in its manifestations from tuberculosis of the lungs, the skin or the brain. When some of the internal organs are attacked, for example the suprarenal capsules, the consequences are even at wider variance from the commonly conceived picture of the devastations of that minute vegetable, the tubercle bacillus.

Thomas Addison, sprung from the English yeomanry of Cumberland, physician, teacher, student and diagnostic genius, carried on a series of observations for years before he found that tuberculosis was often at the root of the disease which now bears his name. Addison's disease, generally caused by tuberculosis of those little organs which lie just above the kidneys, is marked by extreme prostration, bloodlessness, a marked bronzing of the skin, and death. There may be other symptoms but the weakness, anaemia and skin pigmentation are the most prominent.

The dogged determination which marked Addison's attempt to track a disease to its original source is the ruling spirit of 20th century medicine. No half-discovered fact will satisfy the modern investigator. The ultimate object is sought in its entirety by an industry of search, a correlation of scientifically deducted facts and a concentration of effort. Addison was born in April, 1793, and died of brain disease June 29, 1860.

OIL USED BY RAILROADS.

A decided increase in the use of petroleum as locomotive fuel by the railroads of the United States in 1916 is shown by statistics compiled under the supervision of John D. Northrop and just published by the United States Geological Survey, Department of the Interior.

Reports submitted by 53 railroad companies, comprising all that operate oil-burning locomotives in the United States, show that the quantity of oil fuel so consumed last year was 42,126,417 barrels, a gain of 5,477,951 barrels, or 15 per cent. over the consumption in 1915.

This increase shows the steady expansion in the United States of the market for low-grade petroleum from Mexico rather than any appreciable increase in the use as fuel of low-gravity crude oils from domestic sources, whose value for refining is just beginning to be recognized.

The total distance covered by oil-burning engines in 1916 was 10,434,566 miles, and the average distance covered per barrel of fuel consumed was 3.33 miles. Oil-burning locomotives were operated in 1916 over 31,980 miles of track in 21 states.

LOYALTON, Sierra Co., Cal.—The newly organized Beckwith Peak Lumber Company of Portola is moving the Rees mill from its present location on Badanock Canyon, near here, to new mill site near Portola.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work.

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 4 story and base, brick and steel, $60,000. Architect, none. Owner, John Dempniak, 1665 Washington street, S. F. Location, east Mason south Bush, covering an area of 50 by 84 feet. Will contain 27 apartments of two and three rooms. Plans complete and segregated figures being taken for all parts of the work.

SAN FRANCISCO — Apartment hause alterations, 2 story, frame, $15,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Sara Mish Estate. Location, northwest corner Oak and Devisadero streets. The present building, containing five stores and a number of large flats will be altered for twelve apartments on the upper floor and the stores modernized and a full basement excavated. Plans are complete and figures being taken.

SAN FRANCISCO — Apartment house, 5 story and base, reinforced concrete, $80,000. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Nightingale Estate. Location Haight and Webster. Will contain 36 apartments of two and three rooms. Plans are complete and segregated figures being taken.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $18,000. Architect, Theodore Lenzen, Humboldt Bank Bldg., S. F. Owner's name not given. Location, Eddy and Franklin streets. Will contain store on the first floor and a number of three and four room suites above. Plans complete and figures being taken.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $25,000. Architect, none. Owner, J. V. Campbell, 1040 Bryant street, S. F. Location, southeast Pine and Larkin streets, covering an area of 50 by 47½ feet. Will contain 20 suites of two and three rooms. Plans complete and work to be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house addition, 2 story, brick, $10,000. Location, Lindsay and California streets. Will contain a store on the first floor and a number of two room apartments above. Plans are being prepared.

BREMERTON, WASH.—Apartment house, 3 story and base, brick, $40,000. Architect, A. L. Haley, Peoples Bank Bldg., Seattle. Owner's name not given. Will cover an area of 58 by 85 feet and contain 18 apartments of two, three and four rooms. Plans are complete and figures being taken.

SAN FRANCISCO — Apartment house, 5 story and base. Class C construction, $85,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Anton Rulfs. Location, north Geary west Leavenworth. Will contain 36 apartments of two and three rooms. Plans complete and segregated figures being taken.

Contract Awarded.

VALLEJO, SOLANO CO., CAL.—Apartment house, 2 story and base, frame, $15,000. Architect, none. Owner, J. F. Covallo. Contractors, Hoyt Construction Co., Berkeley Bank Bldg., Berkeley. Contract price, $15,000.

REDDING, SHASTA CO., CAL.—Apartment house and stores, 2 story and base, brick, $12,000. Architect, H. P. Brennan, Kennett. Owner, Eugene Guibbani. Contractors, Holt & Gregg, Redding. Contract price, $12,000.

BANKS.

ALAMEDA, ALAMEDA CO., CAL.—Bank, 1 story and base. Class C construction, $30,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Alameda Savings Bank. Location, southeast Webster and Santa Clara avenue, covering an area of 45 by 75 feet. Will contain safe deposit vault and main vault. Plans are being prepared.

OAKLAND, CAL.—Bank alterations fixtures, etc., $5,000. Architect, none. Owners, Kramer, Banner & Koenig, 444 11th street, Oakland. Location, southeast 8th and Broadway. Work will consist of interior alterations, fixtures, etc. Plans complete and work being done by Day Labor.

VICTORVILLE, SAN BERNARDINO CO., CAL.—Bank, 1 story and base, reinforced concrete. Cost not stated. Architects, Kremple & Erkes, Henne Bldg., L. A. Owner, Carl Leonardt, H. W. Hellman Bldg., L. A., leased to First National Bank of Victorville. Will cover an area of 25 by 45 feet. Plans are complete and work to be done by the owner.

BONDS.

VISALIA, TULARE CO., CAL.—The First National Bank of Porterville has purchased the $1,000,000 bond issue of Tulare County. Proceeds will finance the construction of a permanent highway system. Bids for a portion of the work are now being taken.

MERCED, MERCED CO., CAL.—The Merced County Supervisors have decided to call a bond election to provide for a system of good roads.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—A $10,000 bond issue for constructing a sewer system has been voted.

SANTA BARBARA, SANTA BARBARA CO., CAL.—The State Board of Health has approved plans for the outfall sewer system, and an election to vote $85,000 bonds will probably soon be called. Olmsted & Gillelen, consulting engineers, 1112 Hollingsworth Bldg., Los Angeles, have estimated that disposal tanks will cost about $25,000 and that the following quantities of pipe will be required: 1500 feet 23-inch, 1000 feet 30-inch, 1500 feet 16-inch, 2500 feet 20-inch, 1000 feet 12-inch 1800 feet 10-inch, and 15 manholes.

FLORENCE, ARIZ.—A special election will be held April 14 to vote bonds in the amount of $150,000 for constructing and reconstructing roads, bridges and highways in Pinal County. Thos. N. Wills, chairman of the Board of Supervisors, and C. H. Niemeyer is clerk.

OAKDALE, SAN JOAQUIN CO., CAL.—The South San Joaquin Irrigation District has sold a block of $114,500 irrigation bonds to the San Joaquin Valley Savings Bank.

CLOVIS, FRESNO CO., CAL.—The $60,000 bond issue for a new high school was defeated last week.

MODESTO, STANISLAUS CO., CAL.—The bond issue held to vote bonds to finance the construction of a concrete swimming tank and other improvements has been defeated at an election held last week.

BRIDGES AND DAMS.

SEATTLE, WASH. — Dock and warehouse, 1 story, frame and concrete, $150,000. Engineer, none. Owners, Oregon-Washington Railway and Navigation Co., Portland, Ore. Location, foot of Railroad avenue, covering an area of 160 by 460 feet. Plans are complete and bids will be called for shortly.

SAN ANSELMO, Marin Co., Cal.—At the last meeting of the Trustees, Town Engineer Feusier reported the preparation of plans and specifications by the Northwestern Pacific Railroad for the new bridge to be constructed at Lansdale. Feusier reported that at the next session he would have a report on the proposed work giving costs, construction, etc.

HOLLISTER, San Benito Co., Cal.—The County Supervisors have ordered bids received up to April 20th, 2 P. M., for surfacing the Hollister-Bird Creek-Tres Pinos-Paicines and Pacheco Pass Bridges.

W. A. Winn is County Surveyor.

SAN ANDREAS, Calaveras Co., Cal.—County Surveyor W. S. Coulter has completed profiles of the bridges to be constructed over Black Creek, Six Mile Creek and Vallecita Creek, and presented same to the Supervisors. No action was taken.

WILLOWS, Glenn Co., Cal.—Bids are being received up to May 7th, 2 P. M., by County Clerk W. H. Sale for the construction of a reinforced concrete bridge over Angel Slough on the Butte-City-Chico road in Road District No. 5. Certified check of 10% payable to Chairman of the Board of Supervisors is required.

REDDING, Shasta Co., Cal. The County Surveyor has been instructed by the County Supervisors to prepare plans and specifications for a steel and concrete bridge over Churn Creek at the old Ragsdale place, four miles east of this city. The plans will be completed for adoption by the Board at its May meeting.

SEATTLE, Wash. Plans have been completed by County Engineer Samuel Humes and bids have been called for by the county commissioners for the construction of the proposed trestle over the Kenmore Slough at the north end of Lake Union to connect with the Julia Blinn road. The work under this call includes the construction of several hundred feet of approach.

The trestle will be eighteen hundred feet long and will cost about $20,000.

EUREKA, Humboldt Co., Cal.—The County Clerk will receive bids up to May 15th, 2 P. M., for the construction of a bridge at Carson's cut on the Elk River, also for the construction of a bridge across Mad River Slough west of Arcata.

Plans may be had from the County Clerk at Eureka.

Contract Awarded.

CHEHALIS, Wash.—C. G. Huber, Central Bldg., Seattle, Wash., has been awarded the contract for the construction of the Skookumchuck River Bridge at $14,730. J. D. Neville is County Engineerr.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO — Factory and warehouse, 4 story and base, reinforced concrete. Cost not stated. Engineer, George Wagner, 251 Kearny street, S. F. Owners, Flieshacher Paper Box Co. Location, Harrison and Second streets. As soon as plans can be completed they will be turned over to the Clinton Construction Co., who will erect the building on the percentage basis.

MOUNTAIN VIEW, SANTA CLARA CO., CAL.—Packing house, 1 and 2 story, brick. Cost not stated. Architect, none. Owners, California Supply Co., 738 Folsom street, S. F. Will cover an area of 160 by 75 feet. Plans complete and figures have been taken.

FRESNO, FRESNO CO., CAL. — Packing house, 1 story, frame. Cost not stated. Architect, John C. Austin, Baker-Detwiller Bldg., L. A. Owners, Stewart Fruit Co. Will cover an area of 150 by 50 feet. Plans are being prepared and when complete the work will probably be done by Day Labor.

FRESNO, FRESNO CO., CAL. — Packing houses, 4, 1 and 2 story, brick and frame. Cost as follows. Architect's name not given. Owners, California Peach Growers' Association. Negotiations between the directors of the California Peach Growers, Inc., of Fresno, and O. E. Peterson, R. G. Smith and W. H. Kramling of Kingsbury, for the construction of a packing plant costing between $15,000 and $20,000, have been concluded. Four similar buildings are to be erected for the same owners in different cities as follows: Hanford, Kings County, and Selma and Parlier, Fresno County, each costing $15,000. Figures are now being taken for a similar building to be erected in Reedley, Fresno County, costing $25,000. Plans for this building were prepared by Architects, Glass & Butner, Rowell Bldg., Fresno. These architects will most probably prepare plans for the other buildings.

FRESNO, FRESNO CO., CAL. Warehouse, 1 story, frame, $2,000. Architect, none. Owners, Guggenhime Co., Santa Fe and Santa Clara avenues, Fresno. Location, lots 17 and 22, block 140. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL. Packing house alterations, 1 story, frame, $5,000. Architect, none. Owners, Guggenhime Co., Santa Fe and Santa Clara avenue, Fresno. Location, Ventura and Santa Fe avenues. Plans complete and work to be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Warehouse, 5 story and base, reinforced concrete. Cost not stated. Architect, Glenn Allen, Ritz Hotel, S. F. Owner, E. B. Brown. Only sketches of this building have been prepared and the architect declines to give details until plans are more advanced.

SEATTLE, WASH.—Grain elevator, 4 story, reinforced concrete, $114,000. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. P. A. Harrington, Oriental Bldg., Seattle, submitted the lowest bid for this work at $114,000 and will probably be awarded the contract.

SPOKANE, WASH.—Warehouse, 5 story and base, reinforced concrete. Cost not stated. Architects, Whitehouse & Price, Spokane. Owners, Graf Mfg. Co. Will cover an area of 50 by 100 feet. Plans are being prepared.

FIRE HOUSES AND JAILS.

HORNBROOK, SISKIYOU CO., CAL.—Jail, 1 story, reinforced concrete. Cost not stated. Architect, County Surveyor, Yreka. Owners, Siskiyou County. Will contain office and cells. Plans are complete and bids will be opened by the County Supervisors on May 7th at 10 a. m.

RICHMOND, CONTRA COSTA CO., CAL.—Fire house, 1 story and base, brick. Cost not stated. Architect, James T. Narbett, 906 Macdonald avenue, Richmond. Owners, City of Richmond. Location, Pullman Tract. Plans complete and bids to be opened on April 23rd at 8 p. m.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owner, Louis Friedman. Location, 25th near Mission. Will contain two stores on the first floor and an apartment of three rooms on the upper floor. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, $10,000. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. A. Janssen, Hearst Bldg. Location, northeast 15th avenue and Geary street, covering an area of 25 by 67½ feet. Will contain six apartment flats of four rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL. Flats, 2 story and base frame, $7,000. Architects, Taylor Bros., Black Bldg., L. A. Owner, Taylor Bros. Location, corner De Longpre and Hobart avenue. Will contain forty rooms arranged for eight flats. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL. Flats, 4 story and base, brick. Cost not stated. Architect, none. Owner, Franklin Harper, Van Nuys Bldg., L. A. Location, Benton Boulevard near Wilshire. Will contain 96 rooms arranged for sixteen flats, each of six rooms and two baths. Plans are being prepared.

GARAGES.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage, 1 story and base, concrete and frame, $3,500. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Sunset Carriage Works. Location, Channel and American streets, covering an area of 50 by 120 feet. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage, 1 story and base, brick, $8,000. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Misses Annie and Albina Milco. Location, El Dorado and Lindsay Sts., covering an area of 50 by 100 feet. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owner, William Garland, leased to Chandler Auto Co. Location, 936 South Hope street, covering an area of 100 by 157 feet. Plans are being prepared.

GOVERNMENT WORK & SUPPLIES

Redlamation Work, Powell, Wyo.

The following bids were received by the U. S. Reclamation Service, Powell, Wyo., for constructing laterals on Shoshone project, Wyoming:

Bid 1. Haydon Bros., Grreat Falls, Mont.

2. Call, Eyre & George, Crowley, Wyo.

3. Tabbs & Taggart, Crowley, Wyo.

4. N. O. Mortensen, Crowley, Wyo.

5. Lynn Bros, Lovell, Wyo.

6. H. S. Jolley, Lovell, Wyo.

7. Threet Bros., Lovell, Wyo.

8. Tippets & Merchant, Crowley, Wyo.

9. David Lewis, Crowley, Wyo.

Schedule 1—Bid 1, $9,200; 3, $7,700; 5, $7,080; 6, $7,670.

Schedule 2—Bid 1, $14,230; 3, $11,140; 5, $9,668; 7, $13,380; 9, $10,610.

Schedule 3—Bid 1, $22,325; 3, $19,700; 5, $19,560; 6, $19,840.

Schedule 4—Bid 1, $12,300; 2, $10,550; 3, $10,040; 4, $9,440; 5, $12,170; 7, $12,100; 8, $10,475.

Summerland, Cal., Motors.

The contract for furnishing motors for the Agricultural Department, delivery at Summerland, Cal., has been awarded as follows:

Fairbanks-Morse Co., Los Angeles, Cal., 8 motors, $774.56.

Neilson-Smith Electric Co., Santa Barbara, Cal., 2 motors, $357.50.

Jos. D. Tripp, Los Angeles, Cal., 1 motor, $240.

Collins & Webb, Los Angeles, Cal., 2 motors, $475.

Spokane, Wash., Cabinet.

The contract for furnishing a safe cabinet for the Spokane (Wash.) post office has been awarded to the Van Dorn Iron Works Co., Cleveland, Ohio, at $154.54; time, 45 days.

Puget Sound, Guardhouse.

The contract for the construction of a guardhouse at the naval station, Puget Sound, Wash., has been awarded to C. Cuppler, of Seattle, Wash., at $10,670.

MARE ISLAND, CAL. Warehouse, 8 story and base, reinforced concrete, $250,000. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. An appropriation has been made for this building and this announcement confirms a report of several months ago that such a structure would be erected at the Mare Island Navy Yard. Further mention will be made of the work.

BOLINAS BAY, MARIN CO., CAL.—Coast guard station, 2 story, frame and shingles. Cost not stated. Architect, none. Owners, United States Government. Bids will be opened on May 15th for this work. Plans can be secured from the Superintendent of the 13th District Coast Guard Service, Customs House, San Francisco. An official proposal appears in another column of this issue.

SAN PEDRO, LOS ANGELES CO., CAL.—Officers' quarters, etc., frame and concrete and hollow tile. Cost not stated. Bids will be opened on May 9th at 9 a. m. in the office of the Constructing Quartermaster at 12th and Pacific avenue, San Pedro, Cal., for the construction of officers' quarters, barracks and various other buildings to be erected at Fort MacArthur. Twenty-eight buildings are included in the project, construction being of frame, hollow tile, brick and concrete. Plans and other information can be secured from the Constructing quartermaster at San Pedro.

SEATTLE, Wash.—Bids will be received by the Alaskan Engineering Commission, Bell Street Dock, for supplies as follows:

April 23, tie plates, rail braces, tie plugs, frogs, switch equipment, guard rails, angle bars, including 160,000 tie plates. 1,000 rail braces, 100 guard rails, and 2,000 angle bars. Circular No. 267.

HALLS AND SOCIETY BUILDINGS.

VALLEJO, SOLANO CO., CAL.—Lodge hall and stores, 3 story and base, brick, $40,000. Architect, James J. Stanley, care of Mare Island Navy Yard. Owners, Vallejo Knights of Columbus Hall Association. Location, southeast Main and Carolina streets, covering an area of 55 by 100 feet. Will contain two stores on the first floor and lodge halls above. Plans have been approved.

PORTLAND, ORE.—Lodge hall and apartments, 4 story and base, brick, $60,000. Architects, Goodrich & Goodrich, Abington Bldg., Portland. Owners, Knights and Ladies of Security. Will cover an area of 100 by 100 feet and contain apartments besides the lodge rooms and banquet hall. Plans are being prepared.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Club house, 2 story and base, hollow tile. Cost not stated. Architect, Bertram G. Goodhue, 2 West 47th street, New York. Owners, Santa Barbara Country Club. Will cover an area of 200 by 60 feet. Plans are complete and figures being taken. Plans can be secured from the secretary of the club at Santa Barbara.

Contract Awarded.

PORTLAND, ORE.—Lodge hall, 3 story and base, brick, $40,000. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Moose Lodge Association. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, $40,000.

NAPA, NAPA CO., CAL.—Hall of Records heating system. Cost not stated. Architect, W. H. Corlett, Napa. Owners, Napa County. Contractors, H. Shwarz & Co., Main street, Napa. Contract price not stated.

PETALUMA, SONOMA CO., CAL.—Lodge hall alterations, heating system, $1,000. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Masonic Temple Association. Contractors, Rector System of Gas Heating, 429 Sutter street, S. F. Contract price, $1,000.

HOSPITALS.

SACRAMENTO, CAL.—Sanitarium, 4 story and base, reinforced concrete. As a result of the accidental death of the late Dr. John L. White of Sacramento, plans for the construction of a $175,000 reinforced concrete sanitarium on the site of the present White Hospital have been abandoned. E. W. Gerber, administrator of the White estate, states that instead of the new building extensive alterations will be made to the present hospital. R. A. Herold, Forum Bldg., Sacramento, is the architect.

GRASS VALLEY, NEVADA CO., CAL.—Hospital group, 1 and 2 story reinforced concrete. Cost not stated. Architect, William Mooser, Nevada Bank Bldg., S. F. Owners, Nevada County. The architect has been in consultation with the Supervisors relative to this work and has been selected to prepare plans. Details of the work have not been determined. Further mention will be made.

Contract Awarded.

FRESNO, FRESNO CO., CAL.—Hospital addition, 2 story and base, reinforced concrete, $55,850. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Fresno County. Contractors, Manning Bros., 924½ J street, Fresno. Contract price, $55,850.

HOTELS.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Hotel addition, 2 story, brick, $26,000. Architect's name not given. Owners, Arlington Hotel Co. The addition will contain 21 rooms and baths. Plans are being prepared.

PASADENA, LOS ANGELES CO., CAL.—Hotel, 3 story and base, frame and plaster. Cost not stated. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner's name withheld. Will contain 95 rooms and 36 baths. Plans are being prepared.

FLAGSTAFF, ARIZ.—Hotel, stores and theatre, 4 story and base. Class A construction, $150,000. Architects, Coxhead & Coxhead, Phelan Bldg., S. F. Owner's name not given. Location, San Francisco and Aspen streets Preliminary plans have been approved and working drawings are being prepared Further mention will be made of the work

LIBRARIES.

ALTURAS, MODOC CO., CAL.—Library, 1 story and base, brick and concrete, $10,000. Architect, none. Owners, Modoc County. Contractors, Kerr Bros., Alturas. Contract price, $10,000.

RAILROAD CONSTRUCTION AND EQUIPMENT

SAN FRANCISCO, Cal.—Captain Payson, Assistant to the President of the Santa Fe Railroad Company, with offices in the Monadnock Bldg., in speaking of the proposed extension of the Santa Fe System into Sacramento denied the report of such construction.

"This work," says Captain Payson, "is in the same condition as it was two years ago. Utimately this work will be undertaken, but at what time can not be stated."

KLAMATH FALLS, Ore.—A resolution has been passed by the City Council calling for bids for the construction of the Klamath Falls Municipal Railway. The road will extend from Second street and Klamath avenue to a point near Dairy Station, twenty miles east, and will form a link in the Oregon, California and Eastern Railroad.
(15263)

RESIDENCES.

SAN FRANCISCO — Residence 1 story and base, frame, $2,000. Architect, none. Owner, Thomas Hamill, 4109 Balboa street, S. F. Location, east 42nd avenue south Balboa. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence alteration, 2 story, frame, $2,000. Architect, none. Owner, J. P. Rice, 1408 California street, S. F. Location, 1179 Oak street. Work will consist of interior decorations, etc. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $8,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owner, Mrs. T. Regensburger. Location, Broderick street. Will contain ten rooms, two baths and basement garage. Plans complete and figures being taken.

OAKLAND, CAL. — Residence, 2 story and base, frame, $8,000. Architects, Milwain Bros., Albany Block, Oakland. Owner, Andrew Dalziel. Location, Crocker Highlands Tract. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans complete and figures being taken.

OAKLAND, CAL. Residences, 2, 1 story and base, frame, $1,000 each. Architect, none. Owner, Jose St. Mary, 2220 Auseon avenue, Oakland. Location, north Peach east 92nd Ave. Each house will contain four rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Paul Reichel, 1626 Josephine avenue, Berkeley. Location, west Market street north 37th street. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Andrew Anderson, 3030 Arkansas street, Oakland. Location, west Rhoda avenue north Montana. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL. —Residence, 1 story and base, frame, $3,500. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mrs. Arthur Proctor. Location, Craig avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,000. Architect none. Owner, P. J. Brophy, 3278 West street, Oakland. Location, east West street south 33rd street. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $5,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Gardiner. Location, Clamer avenue. Will contain eight rooms, two baths and sleeping porch. Plans complete and figures being taken.

ALAMEDA, ALAMEDA CO., CAL.— Residences, 3, 1 story and base, frame, $2,000. Architect, none. Owner, G. H. Noble, 2205 Santa Clara avenue, Alameda. Location, 1210 and 1222 Pearl street. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND,, CAL. — Residence, 1 story and base, frame, $2,500. Architect, none. Owner, H. A. Pleitner, 954 Fruitvale avenue, Oakland. Location, north Noble street near 61st street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

MT. DIABLO, CONTRA COSTA CO., CAL.—Residence, 1 story and base. frame, $4,000. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Jenkin B. John. Location, Mt. Diablo Park. Will contain seven rooms, two baths and sleeping porch. Plans complete and subfigures being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story, frame, $1,-200. Architect, none. Owner, Herman Schotten, 1522 Santa Clara avenue, Alameda. Location, 4th between Chanslor and Ohio streets. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

MT. DIABLO, CONTRA COSTA CO CAL.—Residence, 2 story and base, frame, $5,000. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Judge Melvin. Location, Mt. Diablo Park. Will contain eight rooms, two baths and sleeping porch. Plans complete and subfigures being taken.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $7,-000. Architect, none. Owner, Thomas E. Risley, Fresno. Location, lots 26, 27 and 28, block 9. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,500. Architect, none. Owner, W. C. Grube, 2024 40th avenue, Oakland. Location, north Ygnacio avenue west 51st avenue. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, brick veneer, $11,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Westwood Park. Will contain seven rooms, two baths and basement garage. Plans complete and figures being taken.

SAN FRANCISCO — Residences, 2, 2 story and base, frame, $3,500 each. Architect, none. Owner, W. J. McKillop, 540 Cole street, S. F. Location, east 48th avenue south Balboa. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SCHOOLS.

SAN FRANCISCO—School plumbing, etc. Cost not stated. Architect, none. Owners, City and County of San Francisco. All bids received for additional plumbing and lavatories at the Francis Scott Key School have been rejected and the Superintendent of Buildings has been authorized to do the work by Day Labor.

OAKLAND, CAL.—School foundation, pergola, etc., $6,990. Architect, none. Owners, City of Oakland. R. W. Littlefield presented the lowest bid for this work at $6,990 and will be awarded the contract.

CLOVERDALE, SONOMA CO., CAL. —School, 1 story and base, reinforced concrete, $28,000. Architect, Enrest L. Norberg, Bank Bldg., Burlingame. Owners, Cloverdale School District. Bids will be opened on April 27th for this work. The building will contain eight class rooms and an auditorium. Plans are on file at the office of the architect.

MIDDLETOWN, LAKE CO., CAL.— School, 1 story, frame, $10,000 Architect, Norman R. Coulter, 46 Kearny street, S. F. Owners, Middletown High School District. Will contain four class rooms and an assembly hall, library and office. Plans being prepared.

FALLON, NEV.—School, 2 story and base, reinforced concrete. Cost not stated. Architects, Wilson & Eager, American National Bank Bldg., Monrovia, Cal. Owners, Churchill County School District. Will contain eight class rooms, departments for manual training and domestic science. Plans are complete and figures being taken. Bids will be opened on April 28th at 2 P.

SPARKS, NEV. School, 1 story and base, hollow tile, $30,000. Architect, F. J. De Longchamps, Nixon Bldg., Reno. Owners, Sparks School District. Will contain eight class rooms, assembly hall and library. Plans complete and figures being taken. Bids open on April 23rd.

SEATTLE, WASH.—School, 2 story and base, brick addition. Cost not stated. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, 46th avenue and Dawson street, covering an area of 66 by 90 feet. Will contain eight class rooms. Plans are being prepared.

SEATTLE, WASH. — University building, 4 story and base, reinforced concrete, $180,000. Architects, Bebb & Gould, Denny Bldg., Seattle. Owners, University of Washington. Location, University Campus. Only preliminary sketches have been made. The building will probably house the philosophy and psychology departments. Further mention will be made.

CORVALLIS, ORE.—School, 2 story and base, brick annex, $35,000. Architect, Charles H. Burgraf, Albany. Owners, City of Corvallis. Will cover an area of 62 by 140 feet. Plans complete and figures are being taken.

Contract Awarded.

WILLOWS, GLENN CO., CAL.— School, 1 story, frame, $9,974. Architect, W. H. Weeks, 75 Post street, S. F. Owner, Larkin School District. Contractor, W. Pearce, Los Molinos. Contract price, $9,974.

SAN JOSE, SANTA CLARA CO., CAL.—School, 1 story and base, frame and concrete, $16,000. Architect, Fred D. Wolfe, Bank of Italy Bldg., San Jose. Owners, Burbank School District. Contractor, P. T. Jorgensen, Naglee and Dana street, San Jose, general construction, $14,297. C. F. Weber Co., 365 Market street, S. F., heating (jacketed stoves), $698.

TORRANCE, LOS ANGELES CO., CAL.—School, 1 story, brick, $7,873. Architect, none. Owners, City of Torrance. Contractor, Lee Callahan, 2324 Michigan avenue, L. A. Contract price, $7,873.

EVERETT, WASH.—School addition, 2 story and base, reinforced concrete, $36,980. Architect, B. F. Turnbull, Everett. Owners, City of Everett. Contractors, R. B. Adams Construction Co., Everett, general construction, $36,980. Bassett Plumbing and Heating Co. Everett, plumbing and heating, $14,900 and $3,950, respectively.

OAKLAND, CAL.—College dormitory, 3 story, frame and plaster. Cost not stated. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Mills College. Contractor, Arthur Arlett, Call-Post Bldg., S. F. Contract price not stated.

SEWERS, STREET WORK & WATER SYSTEMS.

PASCO, Franklin Co., Wash.—Bids will be received by the County Commissioners up to April 21st for the construction of two country roads approximating a cost of $[illegible]. One road is at Pasco and the other at

Kahlotus, Wash. L. D. Conrad is County Auditor. J. W. Hamilton is Construction County Engineer.

YREKA, Siskiyou Co., Cal. The Berger Manufacturing Co., 1120 Mission street, San Francisco, has been awarded the contract by the Siskiyou County Supervisors for supplying corrugated culverts for the Forest House Mountain road on their bid as follows:

Eight inch culverts, set up, 57 cts.; knocked down, 60 cts. per foot.

Ten inch culverts, set up, 68 cts.; knocked down, 72 cts. per foot.

Twelve inch culverts, set up, 80 cts.; knocked down, 84 cts. per foot.

Sixteen inch culverts, set up, $1.00; knocked down, $1.04 per foot.

Eighteen inch culverts, set up, $1.07; knocked down, $1.12 per foot.

Twenty-four inch culverts, set up, $1.51; knocked down, $1.60 per foot.

STOCKTON, San Joaquin Co., Cal.—The City Council has ordered bids received up to April 17th for the paving of the south half of Weber avenue from Monroe to Edison, the estimate cost of which is $5,767.87.

Separate bids will also be received at the same time for the improvement of Miner avenue from Hunter street to California between the strips now paved is to be completed with asphalt. This work is estimated at $5144.58. Plans may be had from the City Clerk.

Bakersfield, Kern Co., Cal.—The Kern County Highway Commission has ordered bids received up to May 7th, 10:30 A. M., for the following work:

For grading, paving, surfacing, and construction of bridges and culverts on Division 8, Section 2, Old River-Maricopa Road, being that portion lying between a point in the present traveled road 1700 feet west of the crossing of the San Emido Wash and the end of the pavement at the south end of Connor's Levee, length seven and six-hundredths (7.06) miles.

Certified check of 10% payable to Chairman of the Kern County Supervisors, must accompany each bid.

F. E. Smith is County Clerk.

FAIRFIELD, Solano Co., Cal.—The County Surveyor has been instructed by the Supervisors to prepare estimate of the assessed valuation of property in the districts where new roads are to be constructed, exclusive of that within the limits of incorporated towns. The work will be done under the Road Act of 1907.

The roads are to be of concrete, five and one-half inches deep and sixteen feet wide.

The third district embraces Benicia, Cordelia and Suisun territory and the roads to be improved include the Benicia water works road, the Green Valley road, American Canyon road, Cordelia road from Cordelia to Suisun, and in Suisun Valley—Abernathie Lane to McWilliams bridge, Rockville to Sam Scarlett's Corner and the Chadbourne Lane.

LOS BANOS, Merced Co., Cal.—Olmsted & Gillelen, Hollingsworth Bldg., Los Angeles, have been retained as engineers to prepare plans and superintend the construction of a municipal water system here. The cost will be about $30,000.

STOCKTON, San Joaquin Co., Cal.—At the last meeting of the Stockton City Council street work in South Stockton involving the sum of over $400,000 was authorized by the council when plans and specifications were adopted together with resolutions of intention.

Bithulithic, one of the finest grades of asphalt pavement, will be used on the streets. Two contracts are to be given for the completion of the big street improvement plan. One of these contracts, including all the streets from Sutter street to McKinley avenue, will amount to about $172,342.54, which is the city engineer's estimate. The other, including streets from Sutter street to the Western Pacific tracks in that district, will cost about $231,703.30. Mossdale is included in the improvement work.

SANTA ANA, Orange Co., Cal.—Bids will be received by the Board of Supervisors up to 2 P. M. of May 1, for the construction of one mile of earth road between San Juan Capistrano and Hot Springs, involving approximate quantities as follows: 5,000 cubic yards, excavation; 5,300 lin. ft. of shaping. The county will furnish the necessary cement. Plans and specifications are on file at the office of the County Surveyor and may be obtained by paying a deposit of $3 to be returned. Certified check of 5% required. W. B. Williams is the County Clerk.

LOS ANGELES, Los Angeles Co., Cal.—Bids will be received by the Board of Public Works up to 10 A. M. of April 16, for improving the following streets:

Normandie avenue, from Rosewood avenue to the produced N line of that portion of Temple street, extending E from Normandie avenue, by grading with ahphalt, concrete pavement, and the construction of cement curb, granite block gutter, vitrified pipe house connection sewers and appurtenances. Ord. No. 36.281.

Irvington Place, between the NW line of Aldama street and a line 10 feet W from and parallel with the W line of Nolden street, and portions of Nolden street, by the construction of cement curb, cement sidewalk, vitrified pipe storm sewer and appurtenances. Ord. 36,282.

For constructing a vitrified pipe sanitary sewer in Lillian Way from the N line of Santa Monica Blvd. to the center line of Lexington avenue. Ord. 36,280.

OLYMPIA, Wash.—Bids have been ordered received by State Highway Commissioner James Allen, Olympia, for the construction of more than 60 miles of highway in six separate counties, Whitman, King, Kittitas, Spokane, Pend Oreille and Cowlitz.

Bids will be opened April 30th at Olympia, Wash., and the work includes the following: Clearing, grading, draining and surfacing of 1.1 miles of the Inland Empire Highway from Colfax north in Whitman county; 1.9 miles of the Sunset Highway east of North Bend in King county, and 1.1 miles of the Pacific Highway north of Kalama in Cowlitz county. Surfacing with gravel or crushed rock: About 11.5 miles of the Sunset Highway between Easton and Cle Elum in Kittitas county; about 3.6 miles of the Sunset Highway between Kittitas and Vantage Ferry in the same county, and grading, draining and surfacing of about 33 miles of the Pend Oreille Highway (State Road No. 3) between Mead and Newport in Spokane and Pend Oreille counties.

Plans may be had of the state highway commissioner, H G Porak, assistant, Olympia, Wash.

MERCED, Merced Co., Cal.—The City Trustees have awarded a contract to J. H. Shafer, 1614 West Temple St., Los Angeles, for street paving on K, J, O and Twenty-second streets and a number of alleys, on his bid of

SEATTLE, Wash.—Porter & Conley, Portland, Ore., have been awarded the contract for the construction of the Elgin county road in Franklin County, Wash., on their bid of $11,000.

SEATTLE, Wash.—R. E. Russell, Seattle, has been awarded the contract for the paving with concrete the Lake Washington Boulevard, between Bradford street and 56th avenue, including the construction of bridges at $22,000.

EVERETT, Wash.—The contract for the paving of Wetmore avenue from Pacific to 40th street has been awarded by the city commissioners to Grant & Ervig, Everett, for $27,764. Hans Mumm Jr., City Engineer.

SANTA BARBARA, Santa Barbara Co., Cal.—A. L. Pendola of Santa Barbara was the lowest bidder and was awarded contract at $25,353.64 for improving Canon Perdido street, bet. Chapala street and San Andres street. Work consists of grading and paving with 4-inch concrete base and 2-inch asphalt wearing surface, combined concrete curb and 3-ft. gutter, reset existing stone curb, 3-ft. and 6-ft. concrete gutters, 6-inch vit. pipe sewers, 5 manholes, 13 catchbasins, etc.

SANTA BARBARA, Santa Barbara Co., Cal.—Heinauer & Kyle of Watts were the low bidders and were awarded contract at $28,877.39 for improving portions of Victoria street, Garden street, Santa Barbara street and other streets. Work consists of grading, concrete walks, combined concrete curb, and 3-ft. gutter, stone curb 3-ft., concrete gutter 6-ft., open concrete cross gutters, concrete driveways at all alleys, etc.
(14739) 1st report Mar. 23, 1917.

THE DALLAS, Ore.—Wolf & Gibbons of Washougal, Wash., have been awarded the contract for grading of the Chenowith-Petersburg highway on their bid of $26,178.06.

For further particulars address the Board of Public Works, City Hall.

SAN LEANDRO, Alameda Co., Cal.—The City Trustees are waiting a report from City Engineer Goodwin relative to the improvement of Washington avenue from Davis to Hepburn streets; Ward street from E-14th to Washington avenue and one block on Hepburn street, between Washington avenue and E-14th street.

SAN JOSE, Santa Clara Co., Cal.—The City Council have taken the necessary steps providing for the improvement of Sixth and Seventh streets, between San Fernando and Santa Clara streets, also the improvement of the intersection of San Fernando and Fourth streets.

EUREKA, Humboldt Co., Cal.—No bids were received by the City Council for the grading of Buhne and Garland streets and it is probable that the work will be carried on by the city.

AZUSA, Los Angeles Co., Cal.—Until 7:30 P. M., April 17 bids will be received by the city trustees for improving about 2,700 lineal feet of 20-foot roadway on Eleventh street, involving approximately 51,200 square feet of grading and oiling, according to plans and specifications on file in the office of the city clerk, and in the office of City Engineer C. R. Brawner; certified check or bond 10%. C. W. Bouldin, City Clerk.

ST. HELEN, Ore.—Bids will be received up to April 21st by H. E. Abry, Roadmaster, for the surfacing of Willamette street in the city of St. Helen.

The bids will be received for concrete, asphaltic concrete or bitulithic surfacing and will involve 8,577 yards of surfacing, 2,215 yards of common excavation and 682 yards solid rock excavation.

POMEROY, Wash.—Bids are being received up to April 23rd by Harry St. George, City Clerk, for 13,800 sq. yds. of pavement, 11,450 feet of gutter and 5,250 yards of excavation, together with conduits, etc., involved in street improvement work. Bids for the pavement will be taken on concrete, bituminous macadam, asphaltic concrete, concrete with asphaltic wearing course or similar material.

MONTESANO, Wash.—Bids will be received up to April 30th by the Grays Harbor County Commissioners, W. D. Campbell, County Auditor, for the construction of Permanent Highway No. 15 and the Cosmopolis-North River road. The first named involves gravel surfacing, and the second mainly the construction of culverts and trestle roadway, clearing and grading.

Geo. D. Robertson is County Engineer.

SEATTLE, Wash.—McGuire Bros., Inc., American Bank Bldg., Seattle, submitted the lowest bid at $15,057 for the First avenue N. et al., paving improvement and they will be awarded the contract.

STOCKTON, San Joaquin Co., Cal.—Plans and specifications for the improvement of sections of Church, Sonora, Sutter and Washington streets have been approved by the City Council and bids will be called for immediately. The City Engineer's estimate on the work is $8,251.40.

SACRAMENTO, Cal.—No bids were received for the improvement of Sutter avenue and the Supervisors authorized Supervisor John Russi and County Surveyor Drury Butler to go ahead and do the work.

EVERETT, Wash.—Bids are being taken up to April 30th, by the Snohomish County Commissioners, Mae Weatherbee, County Auditor, for the construction of Permanent Highway No. 30 and Bond Road Propositions Nos. 29 and 31. Figures for these will be opened on April 30th at 1:30 P. M. W. C. Bickford is County Engineer.

STOCKTON, San Joaquin Co., Cal.—Clark & Henery, 38 S-Sutter Street, Stockton, have been awarded the contract for the improvement of portions of Hunter, San Joaquin, Sutter and Washington streets, on their bid of $3,986.04. Engineer's estimate $3,641.43

Other bidders were: Paul & Caldwell, $4,902.99 and Federal Construction Co., $4,356.98.

SANTA CRUZ, Santa Cruz Co., Cal.—The City Engineer has been instructed to prepare plans and specifications for the construction of a sewer in Plateau avenue.

SEDRO-WOOLEY, Wash.—C. S. Smith, City Clerk, will receive bids up to April 23rd for the construction of sewers in Blocks 2, 3, 4 and 5.

EUREKA, Humboldt Co., Cal.—E. B. Anger of Blue Lake, Humboldt County, has been awarded the contract for the construction of four miles of the Lord-Ellis road on his bid of $11,875.

The contract calls for fourteen bridges and culverts. The section to be built this summer will be from the North Fork of Mad River.

Other bidders were: William Crowley and T. E. Cloney, $19,750; John Hansen and J. L. Cloney, $16,850; D. C. Farnell, $17,700; Frank H. Green, $14,800; T. Engelhart, $16,800; H. A. Poland, $16,700; Al Carlson, $20,750; Elsemore & Jacobs, $16,945.

(14057) 1st report Feb. 17; 2nd Mar.

HEALDSBURG, Sonoma Co., Cal. The City Trustees have awarded a contract to A. W. Garrett, 441 Matheson street, Healdsburg, for the construction of a sewer in Matheson and Fitch streets on his bid of $898.78.

SAN FRANCISCO—The San Francisco Board of Public Works has approved plans and specifications and bids have been ordered received up to April 18th for dredging the Pearce Street sewer. Plans and specifications may be obtained from the City Engineer's Office, Third Floor, City Hall.

SAN FRANCISCO—The San Francisco Board of Public Works has awarded a contract to The Fay Improvement Co., Phelan Bldg., for the improvement of Judah street from 24th avenue to 27th avenue, by the construction of concrete curbs, an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface; artificial stone sidewalks and 5 brick catchbasins. Contract price, $16,772.40.

LOS ANGELES, Los Angeles Co., Cal.—Bids will be received by the Board of Public Works up to 10 A. M. of April 23, for improving Palos Verdes street between Sixth street and Fourteenth street, and portions of Eleventh, Twelfth and Thirteenth streets, by the construction of bitulithic pavement, asphalt repavement, cement curbs, cement sidewalk, granite block gutter, vitrified pipe storm sewers, vitrified pipe sanitary house connection sewers, remodeling certain existing catchbasins, etc. Ord. 36,298.

NAPA, Napa Co., Cal.—The State Highway Commission has accepted plans and specifications for the highway to be constructed between Cordelia and Creston. Plans were ordered prepared for the strip between Napa and Creston which will be an 18-foot highway. State Highway Commissioner Henry Widenmann was present and announced that $3,000,000 was available for immediate work.

The County Surveyor of Napa County has instructed to prepare plans and specifications for the construction of a cement highway from Greenwood Hill south to the Solano County line.

MODESTO, Stanislaus Co., Cal.—At the last meeting of the City Council advertisement for bids for establishment of a fifth unit of the municipal water system was authorized. The cost of the new well and equipment will be approximately $6,221, according to estimates made by City Engineer George Freitas and City Water Superintendent W. E. Davis.

Plans may be had from the City Clerk at Modesto.

MODESTO, Stanisluas Co., Cal.—The City Council has issued a call for bids for furnishing and delivering 1500 feet of cast-iron eight-inch pipe to be used in extending the water system to the Borden Milk factory. Specifications may be had from the City Clerk at Modesto.

HANFORD, Kings Co., Cal.—D. C. Williams, City Clerk, will receive bids up to April 23rd, 8 P. M., for furnishing not less than 50 or more than 65 six-inch Greenberg California Standard Fire Hydrants. Prices shall be made f. o. b. cars at Hanford. Certified check of 10% payable to President of Board of Trustees.

MT. VERNON, Wash.—County Auditor Will R. Arges will receive bids up to May 8th for the construction of a concrete highway involving 2,200 sq. yds. of one course concrete pavement, 445 sq. yds. of reinforced concrete pavement, 3,700 cu. yds. of excavation, 11 acres of clearing, and 1,500 feet of tile drain and one 20-foot reinforced concrete bridge.

W. E. Costello, County Engineer.

LONG BEACH, Los Angeles Co., Cal.—Bids will be received by the City Clerk up to 10 A. M. of April 20, for constructing a combined reinforced cement concrete seawall and reinforced concrete sidewalk with longitudinal center wall, end walls, steps, lighting standards and their appurtenances, all of reinforced cement concrete, and vitrified clay pipe culverts in Seaside boulevard between a north and south line twenty feet east of the E line of Chestnut Place, a distance of 1,800 feet, in accordance with Specifications No. B-23, on file at the office of the city engineer. Certified check or bond for 10% required.

H. C. Waughop is the city clerk.

The former successful bidder, Henry W. Schlueter of Los Angeles, was unable to fulfill the contract as his bondsmen abandoned their guarantee.

LINDSAY, Tulare Co., Cal.—A project to build a dam at Three Rivers and costing $8,000,000 is under consideration by the districts using the Kaweah river for water supply. The project will include a part of the Lindsay-Strathmore irrigation district.

Contract Awarded.

STOCKTON, San Joaquin Co., Cal.—Clarke & Henery, 38 S-Sutter St., Stockton, have been awarded the contract for the improvement of West street from Acacia to Vernal Way, on their bid of $9,533.07.

LOS ANGELES, Los Angeles Co., Cal.—John Balch, 588 Tenth street, San Pedro, was awarded the contract at $47,900 for sewer complete in Fountain avenue between Seward street and Stanley avenue, and in other streets, alleys and sewer rights-of-way.

The improvement of the W half of Hampshire street, bet. 17th and Mariposa street, by construction of granite curbs, asphalt pavement and artificial stone sidewalks, same being in front

of city property. Awarded to D. J. Counihan, 165 Utah St. for $1,002.

The improvement of Broad street, bet. Capitol and Plymouth avenues, by the construction of concrete curbs and an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface. Awarded to E. B. Eaton, 407 11th St., for $866.25.

The improvement of Broad street, bet. San Jose and Plymouth avenues, by the construction of concrete curbs and an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface. Awarded to C. B. Eaton, 407 11th St., for $854.67

The improvement of 14th avenue, bet. Irving and Judah streets, by the construction of granite curbs, artificial stone sidewalks 6' in width and an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface. Awarded to C. B. Eaton, 407 11th St., for $1,493.50.

The improvement of Irving street, bet. 33rd and 34th avenues, by grading, the construction of an 8" vit., salt-glazed, ironstone pipe sewer with 13 "Y" branches and 1 brick manhole; concrete curbs; artificial stone sidewalks 6' wide in the middle of the sidewalk areas; and an asphalt pavement constisting of 6" concrete foundation and a 2" asphaltic wearing surface. Awarded to S. F. Johnson, Pacific Bldg., for $3,888.16.

The improvement of Judah street, from 18th avenue to 19th avenue, by the construction of artificial stone sidewalk 6' wide; concrete curbs and an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface. Awarded to Peter McHugh, 3908 Clay St., for $3,171.60.

The improvement of Judah street, between 13th avenue and 15th avenue, by the construction of concrete curbs; artificial stone sidewalks and 4 brick catchbasins with 10" vit., salt-glazed, ironstone pipe culverts, artificial stone sidewalks, 6' wide on Judah street, bet. 13th and 14th avenues, and bet. 14th and 15th avenues, an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface. Awarded to H. Crummey, 332 19th St., Oakland, for $7,714.65.

The improvement of Judah street, from 27th avenue to 28th avenue, by the construction of concrete curbs; artificial stone sidewalks; 3 brick catchbasins with 10" vit., salt-glazed, ironstone pipe culverts; an asphalt pavement consisting of a 6" concrete foundation and a 2" asphaltic wearing surface on the roadway. Awarded to J. F. Dowling, Russ Bldg., for $5,880.54

BIDS OPENED FOR ROAD CONSTRUCTION IN STANISLAUS COUNTY.

(By Special Wire.)

MODESTO, Stanislaus Co., Cal., Apr. 10th, 1917.—Bids were received this morning for the construction of approximately 35,218 miles of highway construction, the roads being known as the Denair and Irwin City Roads, the Hickman-Thalheim and Waterford Roads and the Newman-Westley Roads.

Johnson & Larson, Turlock, were awarded the Denair and Irwin City Roads at a total of $70,000.

Rodgers Bros., & Co., Hibernian Bldg., Los Angeles, was awarded the Newman-Westley Roads at $97,333.

All bids for the Hickman-Thalheim and Waterford Roads were rejected. A complete list of the bids opened follows:

Newman and Westley Roads Sec. B.

Teichert & Son, Sacramento, (a) $2.00; (b) $100,925; (c) $.70; (d) $.50.

Whitlock & Gorrill, San Francisco, (a) $1.50; (b) $99,980; (c) $.75; (d) $.55.

Mesmer & Rice, Los Angeles, (a) $1.75; (b) $103,000; (c) $1.25; (d) $.55

Rodgers Bros. & Co., Los Angeles, (a) $1.50; (b) $97,333; (c) $.75; (d) $.50.

Denair and Irwin City Roads.

Whitlock & Gorrill, San Francisco, (a) $1.25; (b) $1.50; Denair Road, $47,710; Irwin City Road, ,$27,770; both, $77,480; (d) .$50.

M Blumenkranz, Lincoln, Cal., (a) $1.25; (b) $1.50; Denair Road, $47,924; Irwin City Road, $26,956; both, $77,880 (d) $.85.

Johnson & Larsen, Turlock, (a) $1.00; (b) $1.30; Denair Road, $45,000; Irwin City Road, $25,900; both, $70,900; (d) $.60.

Rodgers Bros. Co., Los Angeles, (a) $1.50; (b) $1.50; Denair Road, $47,900; Irwin City Road, $28,600; both, $76,500 (d) $.70.

STORES AND OFFICES.

SAN FRANCISCO—Store and office, 1 story, base and mezzanine floor. Class C construction, $18,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, L. A. Myers. Location, south Pine east Sansome. Will contain a large store and the office of the owner. Plans complete and figures being taken.

SAN FRANCISCO—Lofts addition, 2 story. Class C construction. Cost not stated. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, P. J. Whelan. Location, Howare and Tehama streets. Will contain light manufacturing lofts. Plans complete and figures being taken.

OAKLAND, CAL.—Stores, 1 story and base and mezzanine, reinforced concrete, $75,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Eisenbach Co., Flatiron Bldg., S. F. Location, gore corner Broadway and Piedmont avenue, covering an area of 250 by 250 feet. Will contain five stores and two large automobile sales rooms. Plans complete and segregated figures being taken.

OAKLAND, CAL—Stores and apartments, 3 story and base, frame, $25,000. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mrs. Alma Crowley. Location, 14th and Alice streets. Will contain eight stores and eighteen apartments of two and three rooms. Plans complete and figures being taken.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base. Class C construction, $75,000. Architect, Public Service Commission, Knickerbocker Bldg., L. A. Owners, City of Los Angeles. One building will be for storage purposes, the other for offices and the third for a garage. Plans are being prepared and work will be done by Day Labor.

LOS ANGELES, CAL. Cafe, 1 and 2 story and base. Class C construction, $75,000. Architect, Paul C. Pae, Consolidated Realty Bldg., L. A. Owner, J. M. Annechini, 214½ West street, L. A. Location not selected. Only preliminary plans have been prepared and further mention will be made when a location is selected.

LOS ANGELES, CAL.—Mercantile building, 4 story and base, reinforced concrete. Cost not stated. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, J. J. Haggarty. Location, Grand avenue adjacent to Brockman Bldg. Will cover an area of 40 by 148 feet. Plans are complete and segregated figures are being taken.

LOS ANGELES, CAL.—Stores and lofts, 10 story and base. Class A construction. Cost not stated. Architects, William Curlett & Son, Merchants' National Bank Bldg., L. A. Owner, J. E. Carr. Location, west Broadway between 5th and 7th Sts., covering an area of 65 by 150 feet. Preliminary plans are being prepared.

Contract Awarded.

SAN FRANCISCO—Office fixtures. Cost not stated. Architects, Wood & Simpson, 110 Sutter street, S. F. Owners, Santa Fe Co. Contractors, Fink & Schindler Co., S. F. Contract price not stated.

PARLIER, FRESNO CO., CAL.—Offices, 1 story and base, brick, $9,100. Architect, Eugene Mathewson, Corey Bldg., Fresno. Owner, Edward J. Hayhurst. Contractor, C. B. Hanner, 1245 I street, Fresno. Contract price, $9,100.

LOS ANGELES, CAL.—Stores and rooms, repair fire damage, $50,000. Architect, Frank Wilson Young, Lankershim Bldg., L. A. Owner, Mrs. Mary Wilson Young. Contractors, Pozzo Construction Co., 421 Macy street, L. A. Contract price, $50,000.

SAN FRANCISCO—Store, 1 story and base, brick. Cost not stated. Architects, Antonovich & Harris, 20 Montgomery street, S. F. Owner's name not given. Location, Howard and Fremont streets. Will contain a store, factory and office. Plans complete and contract to be awarded.

Contract Awarded.

FRESNO, FRESNO CO., CAL. — Market, 1 story and base, brick, $31,500. Architects Coates & Traver, Rowell Bldg., Fresno. Owner, Louis Gundelfinger. Contractor, James Daly, Griffith-McKenzie Bldg., Fresno. Contract price, $31,500.

PASADENA, LOS ANGELES CO., CAL.—Mercantile building, 4 story and base. Class C construction, $56,480. Architect, John Parkinson, Title Insurance Bldg., L. A. Owner, Thomas Bradley, leased to T. W. Mather Co. Contractor, J. V. McNeil, Westley Roberts Bldg., L. A. Contract price, $56,480.

MISCELLANEOUS

SAN FRANCISCO, Cal.—The following bids were received by the San Francisco Board of Public Works for yard work at the Junipero Sierra School:

Frank Gallagher, $3,999.

Plimp & Treacy, $4,750.

Elmer Carlson, $4,200.

Fay Improvement Co. $4,998.40.
C. B. Eaton, $1,480.

ANDERSON, Shasta Co., Cal. Shattuck Edinger Co., Underwood Bldg., San Francisco, has been awarded the contract to complete work on the Anderson-Cottonwood Irrigation District, and will start work within the near future. The contractors will work on a percentage basis, with ten per cent added for profit.

ST. HELEN, Ore.—The Columbia County Commissioners will receive bids up to May 7th for the construction of the reinforced concrete viaduct No. 6 on St. Helen Road at Holbrook. The job will call for a total length of 240 feet with a 20-foot roadway, requiring about 290 yards of concrete and 24 tons of steel.

SHASTA CO., Cal.—Shattuck-Edinger Co., Underwood Bldg., San Francisco, has been awarded the contract for the completion of the Anderson-Cottonwood Irrigation project in Shasta County.

Included in the work is between 200,000 and 300,000 cubic yards of excavating; 2,000 and 3,000 cubic yards of concrete work and other construction. The contract has been taken on the percentage basis.

R. A. W. Sperry is the engineer in charge at Anderson and Thomas H. Means, Holbrook Bldg., San Francisco, is the consulting engineer. About $480,000 is available for this construction.

SAN FRANCISCO—John Spargo, 240 Montgomery street, submitted the lowest bid to the San Francisco Board of Public Works for the construction of concrete poles for the Municipal Railroad at $15,506.

LOS ANGELES, Cal.—E. L. Boyd, Care Dexter Supply Co., 1409 S-Hope street, Los Angeles, has written the San Francisco Chamber of Commerce, Merchants' Exchange Bldg., stating that he is in the market for malleable castings and asks that San Francisco firms communicate with him.

SACRAMENTO, Cal.—Bids are being received by County Clerk E. F. Pfund, up to May 7th, 10 A. M., for the following work:

For furnishing and delivering of the structural steel, machinery and all steel materials for the steel highway bascule bridge to be erected over the Sacramento River near Rio Vista, California, said bridge to be built jointly by the counties of Sacramento and Solano.

Certified check of 10% payable Chairman of the Board of Supervisors. Plans may be had from office of the County Clerk at Sacramento.

SAN FRANCISCO—The San Francisco Board of Public Works has awarded a contract to Maloney Elec. Co., of New York, San Francisco office, Rialto Bldg., for furnishing electric transformers for use in the Hetch-Hetchy project.

APPLICATIONS TO STATE WATER COMMISSION.

Henry Fisher of Redlands has applied to the State Water Commission for permission to appropriate 10 miner's inches of the water of a storm water drain built by the City of Redlands and which carries sporadic quantities of water, for the purpose of irrigating property within the city limits. The point of diversion is given as being on San Mateo Street near Chestnut avenue.

Ed Fletcher of San Diego has applied for permission to appropriate 8 cubic feet per second of the waters of Escondido Creek in San Diego county for irrigation. The proposed works consists of a diversion and storage dam 140 feet high, 400 feet long on top and 200 at the bottom of concrete construction, capable of storing 12,011 acre feet of water, and two miles of main canal. The number of acres it is proposed to water is given as 3600 and the estimated cost as $250,000.

Mrs. Alexander Frakes of Elizabeth Lake, Los Angeles county, has applied for permission to appropriate two-fifths of a cubic foot per second of the waters of a spring for irrigation purposes. A pipe line a mile long is proposed to carry the water from the spring to place of use.

John E. Kniernan has applied for permission to appropriate 150 miner's inches of the waters of Soda Creek in Plumas county for placer mining purposes. The applicant proposes to divert the water by means of a ditch three-quarters of a mile long from a small earth dam, the water to be returned to the stream after use.

Benjamin F. Stetson of Napa has applied for permission to appropriate 5 cubic feet per second of the waters of Napa river for irrigation purposes. Applicant proposes to construct a low dam of logs and rocks creating a small reservoir from which to pump the water direct to the land. Applicant states that it is proposed to rebuild the dam each year.

George D. Meikeljohn of Omaha, has applied for permission to appropriate 10 miner's inches of the waters of a spring in San Bernardino county for mining purposes. It is proposed to construct a pipe line four miles long from the point of diversion to the mines at an estimated cost of $5,000.

Herbert L. Whiston of Hesperia has applied for permission to appropriate 12½ miner's inches of the waters of the south fork of Horsethief canyon in San Bernardino county for irrigation. Applicant proposes to build a small concrete dam and construct a pipe line five miles long at a cost of $12,000 for the watering of 160 acres. The Commission allowed until May 1 to file maps.

W. W. Bird has applied for permission to appropriate the waters of Deep Springs and others 28 in number on the border of a lake in Deep Springs Valley for the purpose of irrigation. It is intended to pump the water to a height of 60 feet for the irrigation of 1560 acres. The Commission has allowed applicant until May 1 to file maps. The same applicant has also filed another application for permission to appropriate thirty cubic feet per second of the waters of Wyman Creek and five cubic feet per second of the waters of Deer Creek, both of Inyo county for the irrigation of 7,000 acres. The Commission has allowed until May 1 to file maps.

R. G. Gillespie of Pittsburgh, Pa., has applied for permission to appropriate 55 cubic feet per second of the waters of the South Fork of the North Fork of Yuba river in Rens Ravine for the purpose of generating power for the operation of mining machinery. Applicant has asked for time in which to prepare maps and other data on account of inability to get on the ground by reason of the snow.

COMMISSIONED OFFICERS TO BE HONORED BY UNION LEAGUE CLUB.

A unique smoker will be tendered all Army and Navy Officers in the Bay cities by the Union League Club members on Saturday evening, April 21st.

Everyone who wears an officer's uniform that evening will be the honored and welcomed guest of the Club, the uniform being the only invitation-card required. This applies to officers in the Army Reserve Corps, Naval Reserve, National Guard, active and retired, but all will be expected to come in uniform.

FIXTURE CONTRACT AWARDED.

The Fink & Schindler Co. has been awarded a contract for furnishing and installing new front and interior Circassian walnut office fixtures for Wells-Fargo & Co.'s new offices at 116-118 O'Farrell street.. Mr. J. H. Humphreys, Architect. They have also been awarded a contract for alterations to building at the corner of California and Montgomery streets for the Jack Clunie Estate; and for the mahogany office fixtures for Chapman De Wolfe at California and Montgomery streets.

SEALED PROPOSALS.

PROPOSALS FOR EXCAVATORS.

EXCAVATORS—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received by the United States Reclamation Service, Denver, Colo., until **2 o'clock p. m. May 10, 1917,** and will then be opened, for furnishing dragline excavators. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. DAVIS, chief engineer.

PROPOSALS FOR RECLAMATION STRUCTURES.

RECLAMATION STRUCTURES — Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals for the construction of lateral structures on the Shoshone project, Wyoming, involving about 57 cubic yards of reinforced concrete, 1,500 square yards of grouted paving and the placing in wooden structures of about 10,000 feet, B. M., of lumber will be received at the office of the United States Reclamation Service, Powell, Wyo., until 2 o'clock p. m. May 1, 1917, and will then be opened. The work is located near Garland on the C. B. & Q. Railroad. For information address the United States [illegible]

tion Service, Washington, D. C.; Denver, Colo., or Powell, Wyo. A. P. DAVIS, chief engineer

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PROPOSALS FOR BUILDING.

BUILDING Treasury Department, U. S. Coast Guard, Washington, D. C. Sealed proposals will be received at this office until **2 o'clock p. m. of Tuesday, May 15, 1917,** and then publicly opened, for constructing Coast Guard Station No. 321 and accessories at Bolinas Bay, Cal. Specifications and drawings, form of proposal, etc., and full information can be obtained upon application to the superintendent, thirteenth district, Coast Guard, San Francisco, Cal., or to this office. E. P. BERTHOLF, captain commandant.

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NOTICE TO CONTRACTORS. OF CANAL CONSTRUCTION.

Sealed proposals will be received by the undersigned at his office at the Hotel Crawford, Willows, Glenn Co., Cal., on or before 12 o'clock noon of the 25th day of April, 1917, for the construction of five and three-quarter miles of Main Canal.

Section 1. 3.25 miles 260,000 cubic yards embankment.

Section 2. 2.50 miles 135,000 cubic yards embankment.

Plans and profiles may be seen at the office of the engineer. Payments by monthly estimates.

GEORGE NELSON, C. E.
Engineer Central Jacinto Irrigation Project, Hotel Crawford, Willows, Cal.
April 4th, 1917.

Proposal For Constructing Tennis Court and Playground and Fencing.

Bids Close April 23rd, 8 P. M.

For furnishing and constructing tennis court and play ground fencing on Thrasher Park Playground in the City of San Leandro.

LOCATION—San Leandro, Alameda County, California.

OWNER—City of San Leandro.

Certified Check of $100 payable to City of San Leandro.

Plans on file at Office of City Clerk W. J. Gannon at San Leandro, Cal.

For further particulars address same.

NOTICE TO PUMP MANUFACTURERS.

Sealed proposals will be received by the undersigned at his office at the Hotel Crawford, Willows, Glenn County, Cal., on or before 12 o'clock noon of the 25th day of April, 1917, for furnishing and erecting four centrifugal pumps at the site of the proposed Main Pumping Station of the Central Jacinto Irrigation Project at Sidds Landing on the Sacramento River in Glenn County, Cal.

The pumps specified are to have a normal capacity of Fifty Thousand Gallons per minute, each, under a total head of thirty feet. The pumps are to operate at a normal speed of 345 revolutions per minute, and are to be direct connected to 500 h. p. motors.

It is desired to make the pumps absolutely interchangeable as far as all parts are concerned.

The pumps when delivering 50,000 G. P. M., against 30 ft. head will be expected to have an efficiency of at least 75 per cent, and when operating against heads as low as 23 ft. to develop such an efficiency as will not overload the motors more than 10 per cent.

A priming pump of suitable capacity for above installation with necessary piping and connections is also wanted. Proposals must state:

Price of pump delivered at Sidds Landing.

Price of erecting the same at site.

Time of delivery.

Terms of payment.

Bidders will also submit a statement showing in detail the construction of their particular make of pump and the guarantees they propose to give as to efficiency, workmanship and materials.

Specifications can be had by applying to the engineer in charge.

NO BIDS LIMITED TO TEN DAYS WILL BE CONSIDERED.

GEORGE NELSON, C. E.
Engineer Central Jacinto Irrigation Project, Hotel Crawford, Willows, Cal.
April 9, 1917.

NOTICE TO ELECTRIC MANUFACTURERS.

Sealed proposals will be received by the undersigned at his office at the Hotel Crawford, Willows, Glenn Co., Cal., on or before 12 o'clock noon of the 25th day of April, 1917, for furnishing the electric equipment for the Sidds Landing Substation, consisting of High-voltage Switches and Transformers, Switchboard (6 panel), 4-500 h. p. Motors, some Small Motors and Lighting Transformers.

Proposals must state:

Price of equipment delivered at Sidds Landing.

Time of delivery.

Terms of payment.

Bidders will also submit a statement showing in detail the construction of their particular make of equipment and the guaranties they propose to give as to efficiency, workmanship and materials.

Specifications can be had by applying to the engineer in charge.

GEORGE NELSON, C. E.
Engineer Central Jacinto Irrigation Project, Hotel Crawford, Willows, Cal.

PROPOSALS FOR HEATING.

HEATING — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. May 11, 1917,** for a new system of conduit and wiring and alterations in heating system in the United States assay office at Boise, Idaho, in accordance with drawings and specification, copies of which may be had at this office, or at the office of the custodian at Boise, Idaho, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals, indorsed "Proposals for Three Magazine Buildings, Kuahua, Hawaii," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **3 o'clock p. m. May 7, 1917,** and then and there publicly opened, for one magazine building having concrete foundation walls, reinforced concrete floor, platform and steps, hollow terra cotta tile walls, wood framed roof covered with asbestos shingles, and wood floor on sleepers; one filling house of wood frame construction, built on concrete piers, having the walls and roof covered with corrugated steel; and one test house of wood frame construction built on concrete piers, the exterior walls covered with rustic siding, the roof covered with asbestos shingles, and the interior walls and ceilings sheathed at the navel ammunition depot, Pearl Harbor, Hawaii. Drawings and specifications (No. 2343) may be obtained on application to the bureau or to the commandant of the naval station, Pearl Harbor, Hawaii. Bids will also be received at the naval station, Pearl Harbor, Hawaii, until **9:30 a. m. May 7, 1917,** and then and there publicly opened. F. R. HARRIS, chief of bureau.

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PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for One Magazine for War Heads, Puget Sound, Wash.," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. April 23, 1917,** and then and there publicly opened, for one magazine for war heads, having concrete foundations, platform and floor base, wood floor, stuccoed hollow tile walls and steel roof trusses sheathed and covered with asbestos shingles at the Pacific Coast Torpedo Station, Keyport, Wash. Drawings and specifications (No. 2339) can be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. F. R. HARRIS, chief of bureau.

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PROPOSALS FOR FUEL.

FUEL—Sealed proposals will be opened by the light house inspector, Ketchikan, Alaska, at **2 o'clock p. m. May 28, 1917,** for furnishing approximately 500 tons steam coal for light house tenders at Cordova, Kodiak and Unalaska, Alaska, and 3,000 barrels fuel oil at Ketchikan and Juneau, Alaska, and recharging approximately 1,000 cylinders with acetylene gas. Information upon application to the above office.

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PROPOSALS FOR DREDGE.

DREDGE—Office of the General Purchasing Agent, Alaskan Engineering Commission, Washington, D. C.—Sealed proposals will be received here until **April 23, 1917,** under circular 258 for furnishing one steam-driven suction dredge. For further information address C. E. DOLE, general purchasing agent.

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PROPOSALS FOR EARTHWORK.

EARTHWORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C. Sealed proposals will be received at the office of the

United States Reclamation Service, Malta, Mont., until **2 o'clock p. m. April 25, 1917,** for earthwork, Nelson Reservoir South Canal, Milk River project, involving about 7,500 cubic yards of excavation and 7,500 cubic yards of earth lining. The work is located about ten miles from Saco, Mont., on the Great Northern Railway. For particulars address the United States Reclamation Service, Malta, Mont.; Denver, Colo., or Washington, D. C. A. P. DAVIS, chief engineer.

NOTICE TO CONTRACTORS.

DREDGE FOR SALE.

BIDS will be received at the office of W. J. Roberts, Chief Engineer, Inter-County River Improvement, 401 Court House, Tacoma, Washington, **until noon April 22, 1917, for the purchase of a 20-inch hydraulic electric dredge with pontoons, pipe, derrick scow and other equipment.** Each bid must be accompanied by a certified check for 5% of amount bid, payable to the Treasurer of Pierce County, Washington. Full information on application. (*)

STREET WORK BIDS WANTED.

RICHMOND, Contra Costa Co., Cal.—City Clerk A. C. Faris will receive bids up to April 23rd, 8:30 P. M., for the following work:

That South street, from the SW line of Wall's Addition to the S line of Wall avenue; Wall avenue, from the extension S of the E line of Block 186 of said Wall's Addition to the Extension N of the W line of Block 196 of said Wall's Addition; and Forty-first street, from the extension W of the N line of said Block 196 to the N line of Cutting Boulevard, including all intersections and terminations therein contained, and including all that part of Thirty-seventh street bet. the N line of Wall avenue and a line drawn from the SE corner of Block 185, Wall's Addition to the most westerly corner of Lot 17, Block 184, Wall's Addition, be graded paved with a 5-inch concrete base with a paint top wearing surface consisting of asphalt and rock screenings; that cement concrete curbs with galvanized steel curb bars, cement concrete sidewalks, culverts of corrugated iron and concrete, with concrete wing walls and portals, and parkings with redwood curbs, be constructed thereon.

Certified check of 10% payable to City of Richmond.

PROPOSALS FOR STREET WORK.

STOCKTON, San Joaquin Co., Cal.—Sealed bids will be received by the City Council of the City of Stockton, San Joaquin County, California, up to and including 10:30 A. M. on April 20th for street improvements authorized under the following resolutions:

That A, B, D and E streets, each from the south line of East Market street to the north line of Fair Oaks avenue and that C street from the south line of East Market street to a line parallel to the south line of East Washington street and a portion of C street from East Washington to Fair Oaks avenue be improved as follows:

(1) By grading the full width thereof.

(2) By curbing and guttering both sides of the roadway of each of said streets with combined concrete curb and gutter, having the curb portion thereof six inches wide, and twelve inches deep, and the gutter portion thereof twenty-four inches wide, and six inches thick.

(3) By constructing concrete sidewalks five feet wide and four inches thick on both sides of each of said streets, including sidewalk intersections.

(4) By paving the roadway of each of said streets between the gutter lines thereof, with asphalt concrete four inches thick after rolling, on a base of gravel of a cementing nature, two inches thick after rolling.

The asphalt concrete shall consist of two layers, a base layer of two and one-half inches thickness after rolling, and a wearing surface of one and one-half inches thickness after rolling. The two and one-half inch layer shall be composed of asphaltic cement, sand, gravel or crushed rock and screenings proportioned in such quantities as will give a compact homogeneous concrete. The one and one-half inche layer shall be composed of asphaltic cement, sand, gravel or crushed rock and stone dust mixed according to the Topeka specifications.

That the alleys in blocks numbered 7, 9, 16, 20, 21, 22, for their full length and width in said blocks, and that portion of the alley in block numbered 17, from the west line of D street to a line drawn parallel to the west line of D street and distant 300 feet westerly be graded with 2-inch x 12-inch redwood curbs on both sides and paved between curbs with gravel of cementing nature four inches thick after rolling.

TO INSTALL GAS SERVICE.

BENECIA, Solano Co., Cal.—Seventy-five thousand dollars will be spent by the Pacific Gas & Electric Company installing a gas service in Benicia, if enough signers can be secured.

J. A. Royster is representing the company and says he expects no difficulty in getting the required number, which is 400. A pipe line will be run from Vallejo.

GYPSUM REPORT ISSUED.

The Geological Survey, Department of the Interior, now has available for distribution its annual statement on Gypsum for 1915, which states the quantity of crude gypsum mined in the United States during the year to be 2,447,611 short tons.

ARTIFICIAL SUNSHINE FOR AGRICULTURE.

Among numerous efforts toward intensive cultivation of land and increased productivity of crops in England, perhaps none is more interesting than the subsidized experiment in growing cereals and other field crops with the assistance of overhead electric current. The experiments with electrical discharge as affecting agriculture will be supervised and the results tabulated by Prof. V. H. Blackman, professor of plant physiology and pathology at South Kensington, a special grant having been made by the Development Commissioners for this research work, which is to be carried out at Huntington Court Farm, near Hereford.

Prof. Blackman is reported to have said that the purpose of the experiment "is to carry to a larger scale the successful work which has been done during the last few years near Dumfries, where in 1916 an increase of amout 50 per cent in grain and 85 per cent in straw was obtained on oats as a result from overhead electrical discharge. This was on a small scale—1 acre only. At Huntington Court Farm we shall experiment with 40 or 50 acres of cereal and other field crops."

The London Daily Mail for March 5, 1917, contained the following regarding the proposed experiment:

"One reason why Hereford was selected is that the electric main runs out rather far from the town, and some of the farmers in the neighborhood already use electricity for driving their machines. One milks his cows by an electric device.

The main has to be extended only another mile to reach the farm, and as soon as we can obtain a certain type of machine which we need we will get to work. That may be in a month or six weeks from now. The Hereford corporation are taking a great interest in the enterprise.

Associated with Prof. Blackman in the experiments will be Mr. I. Jorgensen, a Danish electrical engineer, who, becoming interested in the effect of electricity on crops, came to this country to see what was being done. For some time he worked with Prof. Priestley at Leeds University, but latterly has been with Prof. Blackman at South Kensington."

FOREST SERVICE ADDS A NEW OFFICE.

An office primarily for the handling of suggestions from the public has been added to the Forest Service organization in San Francisco, according to District Forester DuBois in a statement given out recently.

This office will be conducted along the same line as similar offices in railroad, telephone, street car companies, and other large public service corporations. It will be given special consideration and investigation to all suggestions for the betterment of the service rendered on the National Forests Suggestions, which are said to be gladly invited, will be referred to the proper officer and followed up. Campers and travelers within the National Forests who have suggestions for the betterment of the Forests as recreation grounds will, it is said, be given an attentive hearing. Stockmen, grazing permittees, and others interested in the grazing privileges on the National Forests, who have suggestions to make pertaining to the grazing industry are invited to communicate with this office. Those having suggestions for the betterment of the forest fire protective system of the Government are particularly invited, according to the officials, to present their views. In short, any suggestion for the improvement, admistration, protection, and development of the eighteen National Forests wholly or partly in California, will be carefully considered and, it is said, if found practicable, will be acted upon.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location.

SAN FRANCISCO.

APARAMENT HOUSE—4 story and base, brick and steel, $60,000. San Francisco. Architect, none. Owner, John Dempniak, 1665 Washington St., S. F. Location, east Mason south Bush, covering an area of 50 by 84 feet. Will contnain 27 apartments of two and three rooms. Plans complete and segregated figures being taken for all parts of the work.

PARTMENT HOUSE ALTERATIONS—2 story, frame, $15,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Sara Mish Estate. Location, northwest corner Oak and Devisadero streets. The present building containing five stores and a number of large flats will be altered for twelve apartments on the upper floor and the stores modernized and a full basement excavated. Plans are complete and figures being taken.

APARTMENT HOUSE—5 story and base, reinforced concrete, $80,000. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Nightingale Estate. Location, Haight and Webster streets. Will contain 36 apartments of two and three rooms. Plans are complete and segregated figures being taken.

APARTMENT HOUSE—3 story and base, frame, $18,000. San Francisco. Architect, Theodore Lenzen, Humboldt Bank Bldg., S. F. Owners name not given. Location, Eddy and Franklin streets. Will contain store on the first floor and a number of three and four room suites above. Plans complete and figures being taken.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architect, none. Owner, J. V. Campbell, 1040 Bryant street, S. F. Location, southeast Pine and Larkin Sts., covering an area of 50 by 47½ feet. Will contain 20 suites of two and three rooms. Plans complete and work to be done by Day Labor.

FACTORY AND WAREHOUSE—4 story and base, reinforced concrete. Cost not stated. San Francisco. Engineer, George Wagner, 251 Kearny street, S. F. Owners, Fleischacher Paper Box Co. Location, Harrison and Second streets. As soon as plans can be completed they will be turned over to the Clinton Construction Co., who will erect the building on the percentage basis.

FLATS—2 story and base, frame, $5,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owner, Louis Friedman. Location, 25th near Mission. Will contain two stores on the first floor and an apartment of three rooms on the upper floor. Plans are being prepared.

FLATS—3 story and base, frame, $10,000. San Francisco. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner, E. A. Janssen, Hearst Bldg. Location, northeast 15th avenue and Geary street, covering an area of 25 by 67½ feet. Will contain six apartment flats, each of four rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $2,000. San Francisco. Architect, none. Owner, Thomas Hamill, 4109 Balboa street, S. F. Location, east 42nd avenue south Balboa. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE ALTERATION — 2 story, frame, $2,000. San Francisco. Architect, none. Owner, J. P. Rice, 1408 California street, S. F. Location, 1179 Oak street. Work will consist of interior decorations, etc. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $8,000. San Francisco. Architects, Ward & Blohme, Alaska-Commercial Bldg., S. F. Owner, Mrs. T. Regensburger. Location, Broderick street. Will contain ten rooms, two baths and basement garage. Plans complete and figures being taken.

SCHOOL PLUMBING, ETC. — Cost not stated. San Francisco. Architect, none. Owners, City and County of San Francisco. All bids received for additional plumbing and lavatories at the Francis Scott Key School have been rejected and the Superintendent of Buildings has been authorized to do the work by Day Labor.

STORE AND OFFICE—1 story, base and mezzanine floor. Class C construction, $18,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, L. A. Myers. Location, south Pine east Sansome. Will contain a large store and the office of the owner. Plans complete and figugres being taken.

LOFTS ADDITION—2 story. Class C construction. Cost not stated. San Francisco. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, P. J. Whelan. Location, Howard and Tehama streets. Will contain light manufacturing lofts. Plans complete and figures being taken.

APARTMENT HOUSE—5 story and base. Class C construction, $85,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Anton Rulfs. Location, north Geary west Leavenworth. Will contain 36 apartments of two and three rooms. Plans complete and segregated figures being taken.

RESIDENCE—2 story and base, brick veneer, $11,000. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Westwood Park. Will contain seven rooms, two baths and basement garage. Plans complete and figures being taken.

RESIDENCES—2, 2 story and base, frame, $3,500 each. San Francisco. Architect, none. Owner, W. J. McKillop, 540 Cole street, S. F. Location, east 48th avenue south Balboa. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

STORE—1 story and base, brick. Cost not stated. San Francisco. Architects, Antonovich & Harris, 20 Montgomery street, S. F. Owner's name not given. Location, Howard and Fremont streets. Will contain a store, factory and office. Plans complete and contract to be awarded.

Contract Awarded.

OFFICE FIXTURES—Cost not stated. San Francisco. Architects, Wood & Simpson, 110 Sutter street, S. F. Owners, Santa Fe Co. Contractors, Fink & Schindler Co., S. F. Contract price not stated.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
976	Bracq	Sangiacomo	700
977	Hilton	Hilton	1400
978	Dempniak	Owner	56000
979	Mealey	Turner	——
980	Same	McCallum	——
981	Same	Lorden	——
982	Same	Huck	——
983	Reinhart	Johnson	5200
984	Woodward	Crothers	1550
985	Ely	Bessett	2700
986	Union Oil	Owner	500
987	Dietrich	Mason	1000
988	Allerson	Healing	500
989	Hirling	Hirling	1000
990	Rosenthal	Sturges	500
991	Rossi	Devencenci	800
992	Brad	Loustalet	600
993	R C Archbishop	Fennell	1950
994	Garvey	Garvey	1500
995	Nougue	Anderson	6070
996	Bernal	Binet	22320
997	Pac. Gas & Elc	Klimm	799
998	Claiborne	Tomnitz	2750
999	McIver	McIver	1500
1000	MacMeans	Owner	600
1001	Riechel	Riechel	500
1002	Alaska Com	Monarch	700
1003	Hellwig	McIntosh	4750
1004	Johnson	Reedy	2750
1005	Johnson	Johnson	5000
1006	Union Trust	Otis	4250
1007	Parr	Parr	——
1008	Alessio	Moriconi	3650
1009	Coffin	Lindsay	400
1010	Quitzon	Scoble	500
1011	Marino	Lawton	850
1012	Star Drug	Owner	900
1013	Rice	Rice	2000
1014	Welden	Miller	1200
1015	McMullen	Bowers	5550
1016	McNear	Pedersen	2389
1017	Garibaldi	Owner	750
1018	Wise	Frank	400
1019	Prete	Prete	800
1020	Hamill	Hamill	2000
1021	Same	Same	2500
1022	S P Co.	Raisch	——
1023	Dietrich	Mason	997
1024	Payne	Kirby	990
1025	Wheeler	B C Van Emon	725
1026	Lackmann	Beck	5990
1027	Crocker	Johanson	450
1028	Smith	Nimmo	400
1029	Moxey	Stanley	1000

1030	Simpton	Simpton	1600
1031	Lilenthal	Guillov	400
1032	Tibbals	Tibbals	450
1033	Palace Hotel	Glazer	1400
1034	McKillop	Owner	3500
1035	Same	Same	3500
1036	Wilson	Dahl	3700

ALTERATIONS
(976) S CALIFORNIA 25 E 13th Ave Alter for laundry.
Owner.....Mrs. V. Bracq, 5045 California, San Francisco.
Architect .....None.
Contractor. G. Sangiacomo, 158 9th Ave., San Francisco.
COST, $700

ALTERATIONS
(977) SW SIXTEENTH 200 E Masonic. Alter and complete eight-room dwelling.
Owner.....Geo. F. Hilton, 1629 28th Ave., Oakland.
Architect .....None.
Day's work. COST, $1400

BRICK APARTMENTS
(978) E MASON 94 S Bush. Four-story and basement brick (27) apartments.
Owner.....John Dempniak, 1664 Washington, S. F.
Architect ....None.
Day's work. COST, $56,000

BRICK APARTMENTS
(979) W GOUGH 50 N Sutter. Heating for three-story and basement brick (10) apartments.
Owner.....Mealey & Collins, 180 Jessie, San Francisco.
Architect .....W. G. Hind, 46 Kearny, San Francisco.
Contractor....Turner Co., 78 Natoma, San Francisco.
COST, $ —

(980) LUMBER ON ABOVE.
Contractor....J. H. McCallum, 740 Bryant, San Francisco.
COST, $

(981) MILL WORK ON ABOVE.
Contractor....J. P. Lorden Mill Co., 451 Fifth, San Francisco.
COST, $

(982) PAINTING ON ABOVE.
Contractor....A. Huck, 59 Capp, S. F.
COST, $ —
NOTE:—The entire cost of building, $50,000.

FRAME FLATS
(983) N ARMY 84 W Dolores 30x51-6. All work for two-story and basement frame flats.
Owner.....Claude B. and Sarah C. Reinhart, 1236 Dolores, San Francisco.
Architect .....E. W. Essman, 24th and Church, San Francisco.
Contractor....Joel Johnson, 110 Jessie, San Francisco.
Frame up and roof on.....$1300
Plaster completed 1300
Completed and accepted..... 1300
Usual 35 days 1300
TOTAL COST, $5200
Bond, $2600. Sureties, E. V. Lacey and Jno. E. Beck. Limit, 75 days after Apr. 11. Forfeit, none. Plans and specifications filed.

REPAIRS
(984) E LA PLAYA (or 49th Ave or Great Highway) 62-67½ N Moraga E 116 11¼ in or 1 N 50 W 118 7½ in or 1 S 50 03¾ No. 1682-84-86 La Playa. All work for reconstruction of houses burned by fire.
Owner.....Amelia Woodward.
Architect.....None.
Contractor....F. Crothers, 1426 10th avenue, S. F.
Filed Apr. 9, '17. Dated Apr. 7, '17.
Roof of 1682 completed and two rear rooms ready for plumber $387.50
Carpenter work completed and ready for plaster..... 387.50
Completed and accepted..... 387.50
Usual 35 days 387:50
TOTAL COST, $1550
Bond, $775. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

RESIDENCE
(985) LOT 15, BLK 3166, Westwood park and S 6 feet lot 16, Blk 3166, Westwood Park, being NW Faxon and Wildwood avenue. All work for one-story and basement frame residence.
Owner.....Elmer J. Ely, 1512 Jackson, S. F.
Plans and specifications by John E. McCarthy, 1340 13th Ave., San Francisco.
Contractor....C. H. Bessett, 343 29th avenue, S. F.
Filed Apr. 9, '17. Dated Apr. 4, '17.
Frame up and enclosed $675
Brown coated inside and outside 675
Completed and accepted 675
Usual 35 days 675
TOTAL COST, $2700
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(986) — SEVENTEENTH AND ILlinois. Cut door in wall.
Owner.....Union Oil Co., Mills Bldg. San Francisco.
Architect .....None.
Day's work. COST, $500

ADDITION
(987) NW GREEN & BRODERICK. Add garage and roof garden.
Owner.....H. D. Deitrich, 576 Mission, San Francisco.
Architect .....E. M. Sharpe, Rialto Bldg., San Francisco.
Contractor....George Mason, 1290 Turk San Francisco.
COST, $1000

FRAME GARAGE
(988(S JACKSON 60 W Locust. One story frame garage.
Owner.....Mr. Allerson, 139 Cherry. San Francisco.
Architect .....None.
Contractor....Geo. Healing, 3665 Sacramento, San Francisco.
COST, $500

FRAME DWELLING
(989) NW ANDOVER AND PARK. One-story and basement frame dwlg
Owner.....T. H. Hirling, 395 Park, San Francisco.
Architect .....None.
Day's work. COST, $1000

ADDITION
(990) NO. 239 FOURTEENTH AVE. Add room and porch.
Owner.....Mr. Rosenthal, Premises.
Architect .....None.
Contractor....Beni Gotta, 2231 Geary San Francisco.
COST, $500

ALTERATIONS
(991) NO. 376 GREEN. Alteration
Owner.....Mrs. C. Rossi, Premises.
Architect .....None.
Contractor....Devencenzi Bros. & Co., 1069 Union, San Francisco
COST, $800

ALTERATIONS
(992) NO. 5045 CALIFORNIA. Alter for laundry.
Owner.....T. Brad, Premises.
Architect .....None.
Contractor....P. Loustalet, 912 Jackson, San Francisco.
COST, $600

UNDRPIN STORES
(993) S MARKET 275 W Seventh. Underpin stores and hotel.
Owner.....Roman Catholic Arch-(corp. Sole), 1100 Franklin, San Francisco.
Architect .....None.
Contractor....Jas. S. Fennell, 180 Jessie San Francisco.
COST, $1950

ALTERATIONS
(994) W BELVEDERE 100 N Waller. New stairs, baths and fire escapes.
Owner.....F. Garvey, San Leandro.
Architect .....E. A. Garin, Hearst Bldg San Francisco.
Day's work. COST, $1500

BRICK SHOP
(995) S PINE 137-6 E Polk E 25xS 120. All work for one-story and basement brick shop.
Owner.....J. A. Nougue, 1469 Pine, San Francisco.
Architect .....Rousseau & Rousseau, Inc., 110 Sutter, S. F.
Contractor....F. Andersen.
Filed Apr. 10, '17. Dated Apr. 7, '17.
Lot excavated and 1st story joists on $1517.50
Brick work finished and roof on 1517.50
Completed and accepted..... 1517.50
Usual 35 days 1517.50
TOTAL COST, $6070.00
Bond, $3035. Sureties, N. Lund and P. J. Sullivan. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS
(996) S SEVENTEENTH 54 E Church E 50xS 99-11¼. Concrete, plaster, plumbing, mill, lumber, painting, electric and tin work for three-story and basement frame apartments.
Owner.....Julia Hook Bernal, 3693 17th, San Francisco.
Architect .....None.
Contractor....John J. Binet Co., 68 Ramona Ave., S. F.
Filed Apr. 10, '17. Dated Apr. 9, '17.
3rd floor joists in place.....$4185
Enclosed and roof on..... 4185
White plastered 4185
Completed and accepted..... 4185
Usual 35 days..... 5580
TOTAL COST, $22,320
Bond, $11,160. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days after April 16. Forfeit, 10. Plans and specifications filed.

PLUMBING
(1001) SE NINETEENTH AND Lexington E 50x S 95 E 6. All work of installing plumbing work for station "E".
Owner.....Pacific Gas and Electric Co., 445 Sutter, S. F.
Architect.....None.
Contractor....Frank J. Klumpp, 221 Oak, San Francisco.
Filed Apr. 10, '17. Dated Apr. 5, '17.
On completion 75%
Usual 35 days 25%
TOTAL COST, $799
Bond, $400. Sureties, Maryland Casualty Co. Forfeit, none. Limit, none. Plans and specifications filed.

RESIDENCE
(998) LOT 14, BLK 3178 Westwood Park, being E Plymouth 110 N San Ramon Way. One-story and basement frame residence.
Owner.....Austin Leigh Claiborne, Polk and Union, S. F.
Plans by contractor.
Contractor....Emil F. Tomnitz, 22 Caine Ave., S. F.
Filed Apr. 10, '17. Dated Apr. 7, '17.
Roof completed $687.50
Plastering completed 687.50
Completed and accepted 687.50
Usual 35 days 687.50
TOTAL COST, $2750
Bond, $1375. Sureties, Harry C Gates and Thos. W. Rivers. Forfeit, none. Limit, 95 days. Plans and specifications filed.

FRAME DWELLING
(999) W DE HARO 125 N 20th. One story and basement frame dwelling.
Owner.....Angus McIver, 218 Hoffman Ave., San Francisco.
Architect.....None.
Day's work. COST, $1500

ALTERATIONS
(1000) NO. 1528 VAN NESS AVE. Alter front, etc.
Owner.....T. V. MacMeans.
Architect.....None.
Day's work. COST, $600

FRAME DWELLING
(1001) NO. 1445 VAN DYKE. One-story and basement frame dwelling.
Owner.....C. R. Riechel, 1451 Van Dyke, San Francisco.
Architect.....None.
Day's work. COST, $500

ALTERATIONS
(1002) NO. 310 SANSOME. Changes for entrance.
Owner.....Alaska Commercial Bldg Premises.
Architect.....None.
Contractor....Monarch Iron Wks, 1159-65 Howard, San Francisco
COST, $700

RESIDENCE
(1003) E SAN LEANDRO WAY 295 N St. Francis Boulevard E 101 N 61.57 W 101.20 S 60. lot 23, Blk 10 St. Francis Wood. All work of carpentry, concrete, plumbing, etc. for two-story and basement frame residence.
Owner.....Herbert F. Hellwig, 610 13th Ave., San Francisco.
Architect.....Foulkes & Hildebrand, 1106 Crocker Bldg., S. F.
Contractor....Wm. McIntosh, 975 Clayton, San Francisco.
Filed Apr. 11, '17. Dated Apr. 4, '17.
Frame up and enclosed.....$1586
Brown coated 1586
Completed and accepted 1588
Usual 35 days 1586
TOTAL COST, $6,346
Bond, $3,200. Sureties, Wm. Smith and Andrew Jackson. Forfeit, $5. Limit, 90 days. Plans and specifications filed.

RESIDENCE
(1008) SW THERESA 118 NW Mission NW 37-6xSW 100. All work for frame residence.
Owner.....Adele Alessio, 1849 Stockton, S. F.
Architect.....P. Righetti, Phelan Bldg., San Francisco.
Contractor....G. Moriconi, 2123 Polk, San Francisco.
Filed Apr. 11, '17. Dated Apr. 10, '17.
2nd floor joists set.....$912.50
Brown coated 912.50
Completed and accepted $912.50
Usual 35 days $912.50
TOTAL COST, $3,650
Bond, $1825. Joseph A. Fiorio and F. Berti. Forfeit, none. Limit, 60 days from beginning. Plans and specifications filed.

FRAME DWELLING
(1004) S BOSWORTH 75 E Milton. One and one-half-story and basement frame dwelling.
Owner.....Jos. W. Johnson, 1575 Treat Ave., San Francisco
Architect.....None.
Contractor....W. M. Reedy, 157 Bronte, San Francisco.
COST, $2750

ALTERATIONS
(1005) NE FILLMORE AND GROVE. Alter and add to two-story residence so as to make lodging house.
Owner.....James West, 312 New Call Bldg., S. F.
Architect.....F. S. Holland, 312 New Call Bldg., S. F.
Day's work. COST, $5000

ELEVATOR WORK
(1006) NW SUMMER AND MONTgomery W 134-6 N 59 E 74-6 N 6 E 60 S 65. Elevator work for six-story and basement Class "C" building.
Owner.....Union Trust Co., Trustee Estate Andrew J. Pope, deceased.
Architect.....Frederick H. Meyer, Bankers' Invst. Bldg., San Francisco.
Contractor....Otis Elevator Co., Beach and Stockton, S. F.
Filed Apr. 11, '17. Dated Mar. 30, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4250
Bond, $2,125. Sureties, J. D. Hoyt and L. A. Redman. Limit, 130 days after steel frame completed. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1007) E FIFTEENTH AVE 264 N Balboa. All work for two-story frame residence.
Owner.....A. Parr.
Architect.....None.
Contractor....Not given.
Filed Apr. 11, '17. Dated ——.
TOTAL COST, $

Bond, limit, forfeit, none. Plans and specifications filed.
NOTE: Plans and specifications filed (no agreement).

CONCRETE FLOOR
(1009) NOS. 263-65 DUBOCE. Concrete floor, etc., for garage.
Owner.....Alonzo Coffin, 181 Beale, San Francisco.
Architect.....None.
Contractor....C. M. Lindsay, 275 Clipper, San Francisco.
COST, $400

RETAINING WALL
(1010) NO. 171 TWENTIETH AVE. Construct retaining wall.
Owner.....V. H. Quitzon, Premises.
Architect.....None.
Contractor....Thos. Scoble, 363 14th Ave., San Francisco.
COST, $500

FRAME STORE
(1011) NW JUDAH AND 46TH AVE. One-story frame store.
Owner.....Marino & Daniels, 1350 46th Ave., San Francisco.
Architect.....None.
Contractor....T. E. Lawton, 1445-B 47th Ave., S. F.
COST, $850

ADDITION
(1012) SW THIRD AND MARKET. Add mezzanine floor.
Owner.....The Star Drug Co., 1410 Claus Spreckels Bldg., San Francisco.
Architect.....J. C. Shafer, Baldwin Hotel, San Francisco.
Day's work. COST, $900

CEMENT BASEMENT, ETC.
(1013) NOS. 1179-81-83 OAK. Cement basement, papering, tinting, etc., for dwelling.
Owner.....J. P. Rice, 1408 California San Francisco.
Architect.....None.
Day's work. COST, $2000

REPAIRS
(1014) NO. 233 DOLORES. Repair fire damage.
Owner.....C. Welden, Premises.
Architect.....None.
Contractor....Fred Miller, 225 Dolores, San Francisco.
COST, $1200

FLATS, ETC.
(1015) N GEARY 56-10¼ E Parker Ave E 51-6xN 100. Carpenter, plumbing, plaster, painting, electric work for two-story frame flats and alterations to old cottage.
Owner.....Clarence C. McMullen, 3248 Geary, San Francisco
Architect.....None.
Contractor....J. A. Bowers, 2440 Anza, San Francisco.
Filed Apr. 12, '17. Dated Apr. 10, '17.
Building enclosed $1387.50
Brown coated 1387.50
Completed and accepted..... 1387.50
Usual 35 days..... 1387.50
TOTAL COST, $5550.00
Bond, $2775. Sureties, W. W. Eccles and Fannie Mullen. Limit, 90 days after April 12. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1016) S GREEN bet. Broderick and Baker. Alterations and addition to frame residence.
Owner .....Josephine B. McNear, 2747 Green, San Francisco
Architect .....John White, 35 Montgomery, San Francisco.
Contractor....Charles Pedersen, Burlingame, San Mateo, Co.
Filed Apr. 12, '17. Dated Apr. 12, '17.
On 1st of each month..... 75%
Usual 35 days, balance $597
TOTAL COST, $2388
Bond, $1194. Surety, National Surety Co. Limit, 60 days from recording. Forfeit, none. Plans and specifications filed.

BRICK GARAGE
(1017) NOS. 2832-34 GOUGH. One-story brick garage.
Owner.....John Garibaldi, 1628 Union, San Francisco.
Architect .....None.
Day's work. COST, $750

ALTERATIONS
(1018) NO. 150 COLLEGE AVE. Alter dwelling.
Owner.....Mrs. Wise, Premises.
Architect .....None.
Contractor....Carl Frank, 305 Bocana, San Francisco.
COST, $400

ADDITION
(1019) NO 2158 REVERE. Add three rooms to dwelling.
Owner.....R. Del Prete, Premises.
Architect .....None.
Day's work. COST, $800

FRAME DWELLING
(1020) E FORTY-SECOND AV 200 S Balboa. One-story and basement frame dwelling.
Owner.....Thos. Hamill, 4109 Balboa, San Francisco.
Architect .....None.
Day's work. COST, $2000

FRAME DWELLING
(1021) N BALBOA 107-6 E 18th Ave. Two-story and basement frame dwelling.
Owner.....Thos. Hamill, 4109 Balboa, San Francisco.
Architect .....None.
Day's work. COST, $2500

PAVEMENT, ETC.
(1022) S DIVISION bet. Bryant and Potrero Ave. All work for 23,000 square feet asphalt pavement.
Owner.....Southern Pacific Co., Flood Bldg., S. F.
Architect .....None.
Contractor....Raisch Improvement Co., Underwood Bldg., S. F.
Filed Apr. 12, '17. Dated Dec. 13, '16. Usual 35 days.....Entire Cost
TOTAL COST, catchbasins, $45 each; concrete curb, 95 cts. per lineal ft.; asphalt pavement, 19 cts. per sq. ft.; pipe, $1.00 per lineal foot.
Bond, $30.000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days after beginning work. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1023) NW GREEN & BRODERICK Alterations and additions to residence.
Owner .....H. D. Dietrich, 576 Mission, San Francisco.
Designer .....Ed. Musson Sharpe, 907 Rialto Bldg., S. F.
Contractor....George Mason, 1290 Turk San Francisco.
Filed Apr. 13, '17. Dated Apr.7, '17.
Foundation in and frame up.. 50%
On completion ..... Balance
TOTAL COST, 997
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

MILL WORK, ETC.
(1024) E FOURTH AVE 60 N Cabrillo Mill work, glass, glazing and interior stairs for building.
Owner.....John Payne.
Architect .....None.
Contractor....Jas. Kirby, 20 Norton, S. F. and Wm. G. Zupar, 376 Moultrie, San Francisco.
Filed Apr. 13, '17. Dated Apr. 12, '17.
1-st coat plaster on.....$300
Completed and accepted..... 350
Usual 35 days..... 340
TOTAL COST, $990
Bond, limit, forfeit, plans and specifications, none.

(1025) NE PINE AND FRONT. All work for two electric passenger elevators for building.
Owner.....Kate Kirkham Wheeler, 2012 Broadway, S. F.
Architect .....None.
Contractor....B. C. Van Emon Elevators Inc., 235 1st, S. F.
Filed Apr. 13, '17. Dated Apr. 12, '17.
Machines delivered $3862.50
Elevators running 1931.25
Usual 35 days..... 1931.25
TOTAL COST, $7725.00
Bond, $3900. Surety, California Casualty Co. Limit, 40 days. Forfeit, none. Specifications only filed.

CLASS "C" MARKET
(1026) SW SIXTH AVE & BALBOA S 25xW 95. All work for one-story Class "C" market building.
Owner.....Lackmann Grocery Co.
Architect .....Fabre & Bearwald, Merchants National Bank Bldg., San Francisco.
Contractor....John E. Beck, 435 Cabrillo, San Francisco.
Filed Apr. 13, '17. Dated Apr. 12, '17
Concrete walls poured and sheathing on roof.....$2200
Completed and accepted..... 2290
Usual 35 days 1500
TOTAL COST, $5990
Bond, $2990. Sureties, S. Persson and J. A. Brutcher. Limit, 60 days. Forfeit, $5 Plans and specifications filed.

ALTERATIONS
(1027) NO. 543 GRANT AVE. Alter store front.
Owner.....A. H. Crocker, 261 Bush, San Francisio.
Architect .....None.
Contractor....J. Eric Johanson, 444 10th Ave., San Francisco.
COST, $450

ATLERATIONS
(1028) NO. 1063 MARKET. Change front.
Owner.....M. Smith, Lessees, 837 Kearny, San Francisco.
Architect .....None.
Contractor....Geo. Nimmo, 634 Clay San Francisco.
COST, $400

FRAME OFFICE
(1029) N MARKET 107 W Reservoir. One-story frame office
Owner.....The Moxey Realty Co., 1007 Phelan Bldg., S. F.
Architect .....None.
Contractor....G. W. Stanley, 2060 Market, San Francisco.
COST, $1000

FRAME SHOPS
(1030) E HARRIET 100 S Bryant. One-story and basement frame shop.
Owner.....W. I. and H. E. Simpton, 472 Monadnock Bldg., S. F
Architect .....None.
Day's work. COST, $1600

MARQUEE
(1031) SE MISSION AND FIFTH. Galvanized iron marquee.
Owner.....Lilienthal & Co., 995 Mission, San Francisco.
Architect .....S. Schnaittacher, 233 Post San Francisco.
Contractor....Guilfoy Cornice Works, 229 8th, San Francisco.
COST, $400

MOVE DWELLING
(1032) NO. 450 TWENTY-THIRD Ave. Move dwelling.
Owner.....W. B. Tibbals, Premises.
Architect .....None.
Day's work. COST, $450

BAKE OVEN
(1033) MARKET AND NEW MONTgomery. Install brick bake oven.
Owner.....The Palace Hotel Co., Premises.
Architect .....None.
Contractor....J. P. Glaser & Co., 2480 Union, San Francisco.
COST, $1400

FRAME DWELLING
(1034) E FORTY-EIGHTH AVE 105 S Balboa. Two-story and basement frame dwelling.
Owner.....W. J. McKillop, 540 Cole, San Francisco.
Architect .....None.
Day's work. COST, $3500

FRAME DWELLING
(1035) E FORTY-EIGHTH AVE 130 S Balboa. Two-story and basement frame dwelling.
Owner.....W. J. McKillop, 540 Cole, San Francisco.
Architect .....None.
Day's work. COST, $3500

FRAME RESIDENCE
(1036) GENEVA AND MADRID LOT 1 Blk 8. All work for two-story and basement frame residence.
Owner .....Mrs. Alice Wilson, 1554 Fulton, San Francisco.
Architect .....Alfred C. Dahl, 828 Fulton, San Francisco.
Contractor....Alfred E. Dahl.
Filed Apr. 14, '17. Dated Apr. 14, '17.
Frame up $500
Plastered inside..... 800
Wood work completed 800
Completed and accepted..... 800
Usual 35 days..... 800
TOTAL COST, $3700
Bond, none. Limit, Apr. 16. Forfeit, $5. Specifications only filed.
NOTE: Above location is NE Cor

LEASE.

San Francisco County.

Apr. 11, 1927—W HARRISON AND Seventh S W 82.5xNW 50 Sarah L Hogan to Jno J Smith and Frank Molloy. 3 years $1750 with option to renew.

Apr. 12, 1917 NO. 1940-1942 McAllister. Quinto Brenta to V. Benedetti and Frank Montemagni, five years, 3,240.

Apr. 12, 1917—S BROADWAY 168-6 W Leavenworth w 25xS137-6. Marie J. Bell to Daniel A. Lynch, five years, $600.

Apr. 9, 1917—SW GEARY AND VAN Ness Ave. James Donovan to J Goodman & Son. 2 years. 50 per month.

Apr. 9, 1917—NO. 1046 HYDE E line bet. Pine and California. James Foley to James Leddy. 4 years. $1980.

Apr. 14, 1917—NO. 432 GEARY NW line 68-9 W Mason. St. Francis Realty Co to Wm Robinson and Edw Anderson. 5 years. $36,288.

NOTICE OF NON-RESPONSIBILITY.

San Francisco County.

Apr. 14, 1917—LOT 23 BLK 10 St. Francis Wood. Westgate Park Co as to improvements on leased property

Apr. 11, 1917—W DIVISADERO 30 N Page N 57-6xW 107-6. Salomon Dannebaum as to improvements on leased property

Apr. 11, 1917—SE PINE AND VAN Ness Ave S 120xE 96-6. Rosa V Morbio as to improvements on leased property

Apr. 9, 1917—E GRANT AVE 100 S Geary S 55 E 50 NE 36-11⅝ m or l N 33-4¾ W 80. Bankers Invst Co as to improvements on leased property

COMPLETION NOTICES

San Francisco County.

RECORDED ACCEPTED

Apr. 6, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼ Annie Peyser to Camp & Carillon.....March 29, 1917

Apr. 6, 1917—W GUERRERO 135 N 16th N 65 E to W Albion Ave S 50 W 75 S 15 W to beg. Geo C Sargent, Wm S and Elizabeth S Montgomery to Frank M Garden.....April 4, 1917

Apr. 6, 1917—W FORTY-FOURTH Ave 250 S Judah. Neil Bros to whom it may concern....Apr. 6, 1917

Apr. 6, 1917—N PINE 95 E Franklin

Apr. 7, 1917—E MARKET AND Fourth NE 100xSE 170. Market Street Realty Co to Golden Gate Iron Works (4 completion notices filed).....Apr. 4, 1917

Apr. 7, 1917—E THIRTY-FIFTH Ave 225 N Anza N 25xE 120. Fred O McKay to whom it may concern.....April 6, 1917

Apr. 9, 1917—BLK BDED BY MARket, Spear, Mission and Stewart. Southern Pacific Co to Lindgren Co.....March 31, 1917

Apr. 9, 1917—E FUNSTON AV 117-6 N Cabrillo N 27-6xE 120. Margaretha J Koenig to whom it may concern.....April 9, 1917

Apr. 9, 1917—W CAPITOL AVE 100 N Montana N 50 W 100 S 25 E 20 S 25 E 80. Mary Williams to Chas Coburn.....April 9, 1917

Apr. 9, 1917—W TWENTY-SECOND Ave 175 N Balboa N 25xW 120. Vincent Virgilio to Leigh & Schultz.....April 6, 1917

Apr. 10, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to J Looney.....April 4, 1917

Apr. 9, 1917—E WOOL 75 N Eugenia Ave N 50xE 70 Lots 99 and 101 Gift Map No. 1. John C and Babetta Schmidt to whom it may concern.....April 7, 1917

Apr. 10, 1917—S CLAY 25 E Drumm E 25xS 59-9. James McCarthy to C. E. Lamburth.....March 31, 1917

Apr. 10, 1917—W COLLINS 365 N Geary N 25xW 123-6. Ernest V and Dora S Chevesich to J Harold Johnson.....April 9, 1917

Apr. 10, 1917—LOT 1 BLK 26 Crocker Amazon Tract. Carl E and Aina Nyman to whom it may concern.....April 10, 1917

Apr. 10, 1917—E TWENTY-SECOND Ave 150 N Clement 50x120. Otto E Anderson to whom it may concern.....April 10, 1917

Apr. 11, 1917—S BROADWAY 120 W Scott — 192-6 S 66-3 E 40 S 66-4⅛ E 52-6 S 132-7⅛ E 49-9 N 132-7⅛ E 50-3 S 132-7⅛. F W Bradley to Collman & Duncan.....April 2, 1917

Apr. 11, 1917—LOT 34 BLK 20, Crocker Amazon Tract. Victor Holmgren to whom it may concern.....April 11, 1917

Apr 11, 1917—SE UPPER TERRACE (Congress and E line Lot 39 S 1 deg 20 min W 103.95 N 88 deg 07 min W 28 N 1 deg 20 min E 80 m or l N 51 deg 11 min 57 sec E 37 m or l being Ptn Lots 38 and 39, Lyon & Hoag's Sub Ashbury Terrace. Wallace H and Mae J Craigie (wf) to W G McDiarmid.....April 11, 1917

Apr. 13, 1917—N SACRAMENTO 128-9 E Buchanan E 77-6xN 127-8¼. S J Chambers and Alice C Bruce to Stockholm & Allyn.....March 28, 1917

Apr. 13, 1917—S SACRAMENTO 152-9 E Franklin E 55x S127-8¼. Max and Dora Kolander to whom it may concern.....Apr. 13, 1917

Apr. 13, 1917—N BROADWAY 125 W Broderick — 137-6xW 55. Julia De L Welch to Palace Hardware Co.....April 12, 1917

Apr. 12, 1917—W WOOD 422-5 N Geary W 120 N 67-5 E 121-3 S 50. Gadar Party to W C Hamerton & Son.....April 1, 1917

Apr. 13, 1917—LOT 12 BLK 12, Forest Hill Tract. J S Malloch to whom it may concern..Apr. 5, '17

Apr. 13, 1917—E FILLMORE 62-6 S Chestnut E 87-6 N 62-6 E 50 S 137-6 W 137-6 N 75. Gustave Lachman to J S Malloch.....Feb. 15, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

Apr. 6, 1917—NE COLUMBUS AVE or Montgomery Ave and W Montgomery NW 164-7¼ E 106-4 S 126-6. Jas E. Lennon Lime and Cement Co. vs. Fugazi Popolare Bank, F. Melbourne and D. Mowat $672.36

Same vs. Fugazi Popolare Bank and F Melbourne $88.54

Apr. 6, 1917—W MONTGOMERY and NW Columbus Ave. NW 164-7¼ E 106-4 S 126-6 O. F. Larson & Son vs. Donald Mowat and Banca Popolare Fugazi.....$468

Apr. 7, 1917—N GRAFTON WAY (Crafton Way) 130 E Claremont Blvd 30x100; Lot 23 Ptn Lot 22 Blk 2976, Merritt Terrace. Robert F Smith vs Adolph Gunzendorfer and Chas H Dyett, Chas King and Byrd O Smith (as Universal Bldg Company) $69

Apr. 7, 1917—W GOUGH 75 m or l S California. Bay Development Co vs New Era Marble & Concrete Co and M S Show.....$121.38

Apr. 7, 1917—BLK BDED BY MARket, Spear, Mission and Stewart. L Schaffer & Co vs Van Sant-Houghton Co & Southern Pacific Company $109.65

Apr. 7, 1917—NW COLUMBUS AVE and Montgomery NW 164-7¼ E 106-4 S 126-6. Concrete Eng Co vs Fugazi Banca Popolare Operaia Italiana, F J Melbourne, Guardian Casualty & Guaranty Co, Donald Mowat and Massachusetts Bonding & Insurance Co.....$1313.18

Apr. 9, 1917—N GRAFTON WAY 130 E Claremont Blvd 30x100 Lot 23 and Ptn Lot 22 Blk 2976 Merritt Terrace. Robt F Smith vs. Adolph Gunzendorfer and Chas H Dyett $34.50

Apr. 1, 1917—NE ELLIS and Powell N 115x E 64.3. John C. Condon vs. W. C. Boswall and Pabst Brewing Co. $80.66

Apr. 10, 1917—SE STANYAN AND Parnassus Ave. Bay Development Co vs new Era Marble & Concrete Co and John Von Husen.....$96.60

Apr. 11, 1917—N GRAFTON WAY (Crafton Way) 130 E Claremont Blvd 30x100 Lot 23 ptn 22 Blk 2976 Merritt Terrace. I Epp vs Adolph Gunzendorfer, Chas H Dyett, Chas King and Byrd O Smith (as Universal Bldg Co).....$232

Apr. 11, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Pacific Mfg. Co. vs. Julia de L. Welch and Thos. A. Cavanaugh.....$4,940.88

RELEASE OF LIENS

SAN FRANCISCO COUNTY.

Apr. 10, 1917—E SEVENTH AVE 175 N Balboa N 25xE 120. Chas A Alsop to H Rosenzweig.....

Apr. 13, 1917—E THIRTY-FOURTH Ave 275 S Geary E 120xS 25. J J Calish Co to E E N Beard.....

OAKLAND AND ALAMEDA COUNTY.

BANK—1 story and base. Class C construction, $30,000. Alameda. Alameda Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Alameda Savings Bank. Location, southeast Webster and Santa Clara avenue, covering an area of 45 by 75 feet. Will contain safe deposit vault and main vault. Plans are being prepared.

BANK ALTERATIONS, FIXTURES, ETC.—$5,000. Oakland, Cal. Architect, none. Owners, Kramer, Banner

& Koenig, 411 11th street, Oakland. Location, southeast 8th and Broadway. Work will consist of interior alterations, fixtures, etc. Plans complete and bids will be called for shortly.

RESIDENCE 2 story and base, frame, $8,000. Oakland, Cal. Architect, Milwain Bros., Albany Block, Oakland. Owner, Andrew Dalziel. Location, Crocker Highlands Tract. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCES 2, 1 story and base, frame, $1,000 each. Oakland, Cal. Architect, none. Owner, Jose St. Mary, 2220 Auseon avenue, Oakland. Location, north Peach east 92nd avenue. Each house will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE 1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, Paul Reichel, 1626 Josephine avenue, Berkeley. Location, west Market street north 37th street. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, Andrew Anderson, 3030 Arkansas street, Oakland. Location, west Rhoda avenue north Montana. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $3,500. Piedmont, Alameda Co., Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mrs. Arthur Proctor. Location, Craig avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCE—1 story and base, frame, $1,000. Oakland, Cal. Architect, none. Owner, P. J. Brophy, 3278 West street, Oakland. Location, east West street south 33rd street. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $5,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mr. Gardiner. Location, Clamer avenue. Will contain eight rooms, two baths and sleeping porch. Plans complete and figures being taken.

RESIDENCES—3, 1 story and base, frame, $2,000. Alameda, Alameda Co., Cal. Architect, none. Owner, G. H. Noble, 2205 Santa Clara avenue, Alameda. Location, 1210 and 1222 Pearl street. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $2,500. Oakland, Cal. Architect, none. Owner, H. A. Pleitner, 954 Fruitvale avenue, Oakland. Location, north Noble street near 61st street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, J. B. Clifford, 3847 35th avenue, Oakland. Location, west 35th avenue north Hopkins. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

SCHOOL FOUNDATION, PERGOLA, ETC.—$6,990. Oakland, Cal. Architect, none. Owners, City of Oakland. R. W. Littlefield presented the lowest bid for this work at $6,990 and will be awarded the contract.

STORES 1 story and base and mezzanine, reinforced concrete, $75,000. Oakland, Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Eisenbach Co., Flatiron Bldg., S. F. Location, gore corner Broadway and Piedmont avenue, covering an area of 250 by 250 feet. Will contain five stores and two large automobile sales rooms. Plans complete and segregated figures being taken.

STORES AND APARTMENTS — 3 story and base, frame, $25,000. Oakland, Cal. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner, Mrs. Alma Crowley. Location, 14th and Alice streets. Will contain eight stores and 18 apartments of two and three rooms. Plans complete and figures being taken.

RESIDENCE—1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, W. C. Grube, 2024 40th avenue, Oakland. Location, north Ygnacio avenue west 51st avenue. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

Contract Awarded.

COLLEGE DORMITORY—3 story, frame and plaster. Cost not stated. Oakland, Cal. Architects, Bakewell & Brown, 251 Kearny street, S. F. Owners, Mills College. Contractor, Arthur Arlett, Call-Post Bldg., S. F. Contract price not stated.

Building Contracts Awarded.

Oakland

730	Dean	Gunn	5400
731	Stetle	Burnett	4800
732	Caslin	Schmidt	400
733	Anderson	Anderson	2000
734	Brophy	Brophy	1000
735	Bacon	Soule	950
736	Potter	Bradshaw	600
737	Crowe	Crowe	400
738	Reichel	Reichel	2450
739	Kramer	Koenig	5000
740	Gross	Armstrong	4000
741	Gwaragno	Amoroso	11590
742	Pleitner	Pleitner	2500
743	Clifford	Clifford	1500
744	Broderick	Stolte	2000
752	Maxwell	Stockholm	5167
753	Lang	Lang	850
754	De Mattoes	Silva	650
755	Lichenstine	Torres	500
756	Same	Same	500
757	1000 Oaks Rlty	Taylor	400
759	Grarchi	Moroconi	2400
760	Grube	Grube	1500
761	Jorgensen	Fedt	2555
762	Anderson	Taylor	1800
766	Inlaid Floor	Ne Page	1045
767	Hindemer	Nelson	4126
768	Watkinson	Owner	1800
769	Vaughan	Vaughan	3000
770	Phillips	Armstrong	7500

DWELLING AND GARAGE
(730) LOT 12, BLK 7, Map Highland Subdivision, Adams Point Property, Oakland. All work for two-story frame dwelling and garage.
Owner.....Cora B. Dean, Oakland.
Architect.....None.
Contractor.....J. F. Gunn, 820 Isabella, Oakland.
Filed Apr. 9, '17. Dated Mar. 28, '17.
Frame up 1/4
Brown coated 1/4
Completed and accepted 1/4
36 days 1/4
TOTAL COST, $5400
Bond, Surelie's, none. Forfeit, $1. Limit, 100 days. Plans and specifications filed.

GARAGE
(731) W HIGHLAND AVE 175 N Blair Ave., Piedmont. One and one-half story garage.
Owner.....Mrs. E. E. Stetle, 606 Park Way, Oakland.
Architect..O. L. Burritt, 427 63rd street, Oakland.
Contractor .O. L. Burritt, 427 63rd street, Oakland.
COST, $4,800

GARAGE
(732) NO. 390 STATEN AVE., Oakland. Garage.
Owner.....J. Caslin, Premises.
Architect.....None.
Contractor....B. H. Schmidt, 2237 E-19th street, Oakland.
COST, $400

RESIDENCE
(733) W RHODA AVE 90 N Montana street, Oakland. One story five-room dwelling.
Owner.....Andrew Anderson, 3030 Arkansas St., Oakland.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(734) E WEST ST 50 S 33rd St., Oakland. One-story four-room dwelling.
Owner.....P. J. Brophy, 3278 West street, Oakland.
Architect.....None.
Day's work. COST, $1,000

ALTERATIONS
(735) NO. 1122 WASHINGTON, ST., Oakland. Alterations.
Owner.....Bacon & Soule, Bacon Bldg., Oakland.
Architect.....None.
Day's work. COST, $950

ROOF SIGN
(736) SE TWELFTH AND Broadway, Oakland. Roof sign.
Owner.....Potter Advertising System.
Architect.....None.
Contractor....Bradshaw Electric Sign Co., 2063 Boradway, Oakland.
COST, $600

GARAGE
(737) E FORTY-FOURTH AVE 100 N E-14th St., Oakland. Garage.
Owner.....J. J. Crowe, Premises.
Architect.....None.
Day's work. COST, $400

DWELLING
(738) W MARKET ST 103 N 37th St., Oakland. One-story 5-room dwelling.
Owner.....Paul Reichel, 1626 Josephine St., Berkeley.
Architect.....None.
Day's work COST, $2,450

ALTERATIONS
(739) SE EIGHTH AND BROADWAY Oakland. Alterations and addition to brick bank.
Owner ..... Kramer, Bauer & Koenig, 111 11th, Oakland.
Architect ..... None.
Day's work. COST, $5000

ALTERATIONS
(740) SW SIXTH AND FRANKLIN, Oakland. Alterations and reinforced concrete addit on to market.
Owner ..... C. P. Gross, Federal Realty Bldg., Oakland.
Architect .....None.
Contractor....Chas. Armstrong, Federal Realty Bldg., Oakland.
COST, $4000

APARTMENTS
(741) SW SEVENTH AND MYRTLE, Oakland. Two-story 17-room apartments and stores.
Owner ..... Gwaragno & Arena, 525 Myrtle, Oakland.
Architect .....None.
Contractor.....F. C. Amoroso, 1246 Kearny, San Francisco.
COST, $11,590

(742) N NOBLE opp. 61st Ave., Oakland. One-story 5-room dwelling.
Owner.....H. A. Pleitner, 954 Fruitvale Ave., Oakland.
Architect .....None.
Day's work. COST, $2500

DWELLING
(743) W THIRTY-FIFTH AVE 325 N Hopkins, Oakland. One-story five-room dwelling.
Owner.....J. B. Clifford, 3847 35th Ave., Oakland.
Architect .....None.
Day's work. COST, $1500

DWELLING
(744) W LAGUNA AVE 110 S Hopkins, Oakland. One-story 5-room dwelling.
Owner ..... W. F. Broderick, 3447 Wilson Ave., Oakland.
Architect .....None.
Contractor....F. C. Stolte, 3449 Laguna Ave., Oakland.
COST, $2000

STORE
(752) E WEBSTER ST., 50 S 29th St., SE 120.26, thence along w l Broadway 30.887 NW 112.61 thence 29-11 to point of beginning, Oakland. All work except electric fixtures, plumbing, galvanized iron work, sewer and cement work for one-story brick store.
Owner.....Nellie C. Maxwell.
Architect.....F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor....Stockholm & Allyn, 316 Lenox Ave., Oakland.
Filed Apr. 11, '17. Dated Apr. 11, '17.
First of each month 75%
Usual 35 days 25%
TOTAL COST, $5,167
Bond, $2,584. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

ALTERATIONS
(753) SW ATHOL AVE & HADDON Road, Oakland. Alterations.
Owner.....E. G. Lang, Oakland Bank of Savings Bldg., Okd.
Architect .....None.
Day's work. COST, $850

ALTERATIONS
(754) NO. 1711 EIGHTY-THIRD AVE. Oakland. Alterations.
Owner ..... M. De Mattoes, Premises.
Architect .....None.
Contractor.. Joe R. Silva, 4732 90th Ave., Oakland.
COST, $650

SHED
(755) E JACKSON bet. 3rd and 4th, Oakland. Shed.
Owner.....Sam Lichenstine,— Oak, Oakland.
Architect .....None.
Contractor....J. M. Torres, 475 6th, Okd
COST, $500

SHED
(756) E JACKSON bet. 3rd and 4th, Oakland. Shed.
Owner.....Sam Lichenstine,— Oak, Oakland.
Architect .....None.
Contractor....J. M. Torres, 475 6th, Okd
COST, $500

OFFICE
(757) SAN PABLO AND MAIN, Albany. One-story 3-room office.
Owner.....Thousand Oaks Realty Company.
Architect .....None.
Contractor....Earl Taylor, 1616 Russell, Berkeley.
COST, $400

DWELLING
(759) NW THIRTY-EIGHTH AVE., 200 from Carrington street 50x110, Oakland. All work for one-story frame dwelling except painting, finish hardware, electric fixtures and shades.
Owner.....Louis Gracchi, 2162 50th avenue, Oakland.
Architect.....Italio Zanolini, 604 Montgomery, San Francisco.
Contractor....G. Moriconi, 2123 Polk, San Francisco.
Filed Apr. 12, '17. Dated Apr. 9, '17.
Roof on ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2,400
Bond, $1200. Sureties, F. Berti. Forfeit $10. Limit, 45 days. Plans and specifications filed.

DWELLING
(760) N YGNACIO AVE 35 W 51st Ave., Oakland. One-story 6-room dwelling.
Owner.....W. C. Grube, 2024 40th Ave., Oakland.
Architect .....None.
Day's work. COST, $1500

DWELLING
(761) W MONTCLAIR 170 N Park Blvd., Oakland. One-story 5-room dwelling.
Owner.....G. Jorgensen, 1618 12th, Oakland.
Architect .....None.
Contractor....Fedt Bros., 528 25th, Okd.
COST, $2555

DWELLING
(762) N HAYES 400 E Seminary Ave., Oakland. One-story 6-room dwelling.
Owner.....F. Anderson, 5932 Hayes, Oakland.
Architect .....None.
Contractor W. C. Taylor, 1901 96th Ave., Oakland.
COST, $1800

CONDUIT SYSTEM
(766) EMERYVILLE. All work of conduit system for motors & lights.
Owner.....Inlaid Floor Co., 18th and Harrison, S. F.
Architect.....None.
Contractor....Ne Page-McKenny Co., 149 New Montgomery, San Francisco.
Filed Apr. 13, '17. Dated Apr. 10, '17.
Monthly 75%
Usual 35 days 25%
TOTAL COST, $1045
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(767) N MANDANA BLVD. 467 W Paloma, Oakland. One-story six-room dwelling.
Owner.....Mrs. L. Hindemer, 939 Pacific Ave., Alameda.
Architect ....None.
Contractor....H. P. Nelson, 2241 Grove Berkeley.
COST, $4126

DWELLING
(768) N E-EIGHTH 50 E Sixth Ave., Oakland. One-story 5-room dwlg.
Owner.....H. H. Watkinson, 630 E-8th, Oakland.
Architect .....None.
Day's work. COST, $1800

DWELLING
(769) S DOLORES 190 E Park Blvd., Oakland. Two-story 6-room dwlg.
Owner.....Frances P. Vaughan, 1124 Hampel, Oakland.
Architect .....None.
Contractor....John Vaughan, 1124 Hampel, Oakland.
COST, $3000

CONCRETE MARKET
(770) NW FIFTH AND FRANKLIN, Oakland. One-story concrete market.
Owner.....Phillips & Lewis, Central Bank Bldg., Oakland.
Architect .....None.
Contractor....Chas. Armstrong, Federal Bldg., Oakland.
COST, $7500

Building Contracts Awarded.

Berkeley

729	Bailey	Larmer	3000
758	Ryan	Bergen	1800
763	Stow	Engler	500
764	Sunlit	Stewart	500
765	Haynes	Pfrang	2500

DWELLING
(729) W WALNUT 180 S Shattuck, Berkeley. Two-story 6-room dwlg.
Owner.....A. W. Bailey, 1329 Bonita, Berkeley.
Architect .....None.
Contractor....Edw. Larmer, 470 Boulevard Way, Oakland.
COST, $3000

DWELLING
(758) W KELSEY 250 S Stuart, Berkeley. One-story 6-room dwelling.
Owner.....C. F. Ryan, 2800 Kelsey, Berkeley.
Architect .....None.

Contractor... O. L. Bergen, 1132 Oakland Ave., Berkeley.
COST, $1800

ADDITION
(763) NO. 17 PLAZA DRIVE, Berkeley. Addition.
Owner.....Frank H. Stow, 2915 Forrest Ave., Berkeley.
Architect .....None..
Contractor.. Louis Engler, 2435 College Ave., Berkeley.
COST, $500

ALTERATIONS
(764) NO. 2436 FOURTH, Berkeley. Alterations.
Owner.....Sunlit Fruit Co., Prem.
Architect .....None.
Contractor....B. A. Stewart, Piedmont.
COST, $500

DWELLING
(765) S BEVERLY PLACE 148 W Colusa, Berkeley. One-story 5-room dwelling.
Owner.....W. C. Haynes, 5487 Claremont Ave., Oakland.
Architect .....None.
Contractor....C. J. Pfrang, 5487 Claremont Ave., Oakland.
COST, $2500

Building Contracts Awarded.

Alameda

745	Hughes	Roth	400
746	Pond	Stewart	1800
747	Same	Same	2000
748	Same	Same	2000
749	Noble	Noble	2000
750	Same	Same	2000
751	Same	Same	2000

GARAGE
(745) NO. 2200 SAN ANTONIO AVE., Alameda. Garage.
Owner.....Alice Hughes, Premises.
Architect .....None.
Contractor....Conrad Roth, 2117 Eagle Ave., Alameda.
COST, $400

DWELLING
(746 NO. 3240 STERLING AVE,, Alameda. One-story 5-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect .....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $1800

DWELLING
(747) NO. 3249 STERLING AVE., Alameda. One-story 5-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect .....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(748) NO. 3244 STERLING AVE., Alameda. One-story 5-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect .....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(749) NO. 1222 PEARL, Alameda. One-story 5-room dwelling.
Owner . G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $2000

DWELLING
(750) NO. 1226 PEARL, Alameda One-story 5-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $2000

DWELLING
(751) NO. 1210 PEARL, Alameda. One-story 5-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $1800

NOTICE OF NON-RESPONSIBILITY.

Alameda County.

Apr. 10, 1917—BOUNDED ON S BY Plot 6; E by Plot 38; N by Temescal Creek,and W by land of S. P. Co., Emeryville. The Mee Estate as to improvements on leased property .....

ALAMEDA COUNTY BUILDING REPORT.

Oakland Summary, March, 1917.

Classification of Buildings	No. of Permits	Costs
1-story dwellings	49	$ 86,262.00
1½-story dwellings	2	5,300.00
2-story dwellings	12	54,980.00
3-story apartments	3	124,000.00
2-story apartments	2	14,600.00
2-st apartments and stores	1	4,250.00
2-story office building	1	5,000.00
Church building	1	10,000.00
2-story factory	2	12,900.00
1-story factory	1	450.00
1-story & 3-story machine shop&wrehse	1	14,041.00
1-story warehouse	2	450.00
1-story brick garage	2	17,250.00
1-story brick stores	1	1,100.00
1-story brick & concrete produce mkt.	1	7,000.00
1-story brick & concrete garages	3	43,100.00
1-story brick & con-warehouse	1	26,000.00
3-st reinforced concrete warehouse	1	15,000.00
1-st reinforced con-printing plant	1	14,000.00
1-st concrete garages	2	1,207.00
Concrete platform	1	800.00
1-st hollow tile gar	1	7,500.00
Bridge and trestle	1	10,000.00
Amusement platform	1	2,000.00
Gasoline station	2	275.00
Electric signs	17	7,130.00
Garages, sheds and stables	45	6,006.00
Tank frames & barn	3	940.00
Additions	44	24,547.50
Alterations & repairs	84	24,584.00
Total	288	$540,672.50

SUMMARY.

New construction	204	$516,088.50
Alterations & repairs	84	24,584.00
Total	288	$540,672.50
March, 1916	345	910,680.00
Decrease	57	370,007.50

Total for January, February and March, 1917, 852 permits, cost, $1,730,669.35

Total for Jan., Feb., and March, 1916, 821 permits, cost, $1,497,024.00

Decrease in value, $157,754.65, increase in permits, 31.

BERKELEY.

March, 1916	$160,000
March, 1917	84,000
Decrease	$76,000

ALAMEDA.

March, 1916	$47,323
March, 1917	45,314
Decrease	$ 2,009

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED

Apr. 6, 1917—W EMERALD ST., 81.80 N 41st street NE 35 NW 100 SW 33.80 SE 100.007, Oakland. A. V. Anderson to G B. Sieber.....April 2, 1917

Apr. 7, 1917—LOT 27 BLK "A" Elmwood Park, Bkly. Floyd C Curry to whom it may concern..Mar. 21, '17

Apr. 9, 1917—LOTS 12 AND 13, BLK G, W 75 lot 23, Blk E, Map Subdivision Blks E, F, and G, Mary E. Mortimer Addition to Niles, Niles. Lillian M. MacRae to whom it may concern.....Apr. 5, 1917

Apr. 10, 1917—E GILBERT ST between 41st and Ridgeway streets, being No. 5116, Oakland. John A. Hackey to Matt Koski....Apr. 10, 1917

Apr. 11, 1917—S SANTA RAY AVE 42 SW Paloma Ave., being Ptn lot 26, Blk 3, East Piedmont Heights Add to Oakland, Oakland. Alfred W. Cooper to C. M. Blabon.....April 9, 1917

Apr. 11, 1917—E GROVE ST 90.35 S 29th street, S 49.89 E 110.37 N 50 W 115.11, Oakland. J. Gensler to A. M. Frostholm.....Apr. 11, 1917

Apr. 12, 1917—NE THIRD AND Franklin streets 70x72, Oakland. Fruit and Produce Realty Co to A. D. Nelson and Chas. Forsyth. .....April 6, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT

Apr. 9, 1917—W PTN LOT 37, BLK B, Map Fourth Avenue Terrace, Oakland. California Door Co. vs. S. V. Nichols $98.40

Apr. 9, 1917—PTN LOT 37, BLK B, Map Fourth Avenue Terrace, Oakland. F. E. Nickerson, $82.55; Geo. D. Prentice, $34.75 vs. S V Nichols.

Apr. 9, 1917—LOT 37, BLK B, Map Fourth Avenue Terrace, Oakland. Hunter Lumber Co. vs. S. V. and Leo L. Nichols.....$283.98

Apr. 9, 1917—W PTN LOT 37, BLK — Map Fourth Avenue Terrace, Oakland. M. F. Deach vs. S. B. Nichols $32.50

Apr. 9, 1917—LOT 7, BLK 6, Thousand Oaks Station Track, Oakland Tp. Bass-Hueter Paint Co., $27.45; Heavy Hardware & Iron Co., $47.29, vs. A. M and Adele Harvey and Thousand Oaks Land Co., Geo. Friend Co. .....

Apr. 11, 1917—LOT 7, BLK 6, Thou-

Sands Oaks Station Tract, Oakland Township M. Stulsaft Co., $90.50; Sunset Hardware Co., $169.38 vs. A. M. and Adele Harvey, Thousand Oaks Land Co. and George Friend Co. .....

Apr. 12, 1917 LOT 7 BLK 6 Map Thousand Oaks Station Tract, Oakland Tp. Bird-Rymer Co., $76.25; Strable Mfg. Co., $100.21 vs. A. M. and Adele Harvey, Thousand Oaks Land Co., Berkeley Realty Co. and George Friend Co. .....

RELEASE OF LIENS

ALAMEDA COUNTY

RECORDED AMOUNT

Apr. 5, 1917—PTN LOTS 15 and 16, Blk P, Map Central Piedmont Tract No. 3, Piedmont. Melrose Lumber and Supply Co to Gordon Wiser et al $249.50

Apr. 9, 1917—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. California Door Co, $603.50; Hogan Lumber Co, $880.02; Bay Elec Co, $10.10; Swift & Wilcox, $151.35 to Sigfried A and Hilma E Miller and M F Mortensen ... .

SAN JOSE AND THE SANTA CLARA VALLEY.

PACKING HOUSE 1 and 2 story, brick. Cost not stated. Mountain View, Santa Clara Co., Cal. Architect, none. Owners, California Supply Co., 738 Folsom street, S. F. Will cover an area of 160 by 75 feet. Plans complete and figures have been taken.

Contract Awarded.

SCHOOL—1 story and base, frame and concrete, $16,000. San Jose, Santa Clara Co., Cal. Architect, Fred D. Wolfe, Bank of Italy Bldg., San Jose. Owners, Burbank School District. Contractor, P. T. Jorgensen, Naglee and Dana streets, San Jose, general construction, $14,297. C. F. Weber Co., 365 Market street, S. F., heating (jacketed stoves), $698.

BUILDING CONTRACTS.

Santa Clara County.

STEAM HEATING
NW LAGUNITA AVE., Stanford University Grounds, Palo Alto. All work for steam heating, water heating,etc., for three-story and basement frame apartment house.
Owner.....Sarah G. Howard.
Architect.....J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor....Fred W. Snook Co., 596 Clay, San Francisco.
Filed Apr. 10, '17. Dated Apr. 9, '17.
Rough work and piping in.....$1100
Completed and accepted..... 1113
36 days after 750
TOTAL COST, $2963
Bond, $1500. Sureties, A. J. Forster and K. G. Haderle. Limit, Sept. 1, 1917. Forfeit, $15. Plans and specifications filed.

PLUMBING, ETC., ON ABOVE.
Contractor....Joseph Grimes.
Filed Apr. 10, '17. Dated Apr. 9, '17.
Rough work in $1825
Accepted 500
36 days after 800
TOTAL COST, $3125
Bond, $1.6... Sureties, R. W. Kinney and C. W. Morris. Limit, Sept 1, 1917. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
LOT 4 BLK 13, Hanchett Park Tract, San Jose. All work except electric work for one-story frame residence.
Owner.....L. Elmer, San Jose.
Architect.....F. G. Aitken, Theatre Bldg., San Jose.
Contractor....Joe Larsen, 189 McKee Road, San Jose.
Filed Apr. 13, '17. Dated Apr. 12, '17.
Frame up 25%
Rough plastered 25%
Accepted 25%
Usual 35 days..... 25%
TOTAL COST, $3810
Bond, $1905. Sureties, H. Uphoff and A. J. Maisonneuve. Limit, 90 days from filing. Forfeit, none. Plans and specifications filed.

ALTERATIONS
COYOTE CREEK on E, Wendt Ppty on N, Fleet and Le Deit Ppty on S, and Barone Ppty on W. All work for remodeling slaughterhouse.
Owner.....O'Connell Bros:, San Jose
Architect.....Louis T. Lenzen, 110 S-Second St., San Jose.
Contractor....E. A. Bevens, 130 Coe Ave. San Jose.
Filed Apr. 7, '17. Dated Apr. 5, '17.
Each month payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $1650
Bond, $825. Sureties, L. D. Bohnett and C. W. Brown. Limit, 60 days from filing. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
SOUTH FIFTH ST., San Jose (as filed). All work for one-story frame dwelling.
Owner.....Agnes C. Lemieux.
Architect.....None.
Contractor....James A. Lemieux.
Filed Apr. 7, '17. Dated Apr. 7, '17.
Foundation in $450
Rafters up 450
Plastered 450
Usual 35 days..... 450
TOTAL COST, $1800
Bond, $1800. Sureties, O. E. Schnable and A. Schirle. Limit, 90 days from date. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
NW LAGUNITA AVE, Stanford University Grounds, Palo Alto. Carpentry, concrete, etc., for three-story and basement frame building.
Owner.....Sarah G. Howard, Palo Alto, Cal.
Architect.....J. A. Krafft & Sons, Phelan Bldg., S. F.
Contractor....Val Franz & Sons, 180 Jessie, San Francisco.
Filed Mar. 26, '17. Dated Mar .22, '17.
1-st floor flooring and 1st floor sheathing in $2500
2nd floor flooring and 2nd floor sheathing in 1500
3rd floor flooring and 3rd floor sheathing in 1500
Frame up, walls, bracing, etc.... 1500
Door and frames outside ready for plastering..... 3000
Standing finish & glazing done 3000
Accepted 3800
36 days after 5711
TOTAL COST, $22,514
Bond, $11,500. Surety, B. W. Cameron and Henry Eggerling. Limit, Sept. 1. Forfeit, $25 per day. Plans and specifications filed.

ELECTRIC WORK ON ABOVE.
Contractor....M. E. Ryan.
Filed Apr. 2, '17. Dated Mar. 29, '17.
Rough work done.....$550.00
Accepted 634.15
36 days after..... 400.00
TOTAL COST, $1584.15
Bond, $800. Surety, Fidelity & Deposit Co. of Maryland. Limit, Sept. 1. Forfeit, 10 per day. Plans and specifications filed.

DWELLING
WILLOW ST. 300 feet E of Lincoln Ave., San Jose. All work for one-story 7-room dwelling.
Owner.....Mary L. Hancock.
Architect.....Frank D. Wolfe, Bank of Italy Bldg., San Jose.
Contractor....A. F. Haskins, 235 W-St. James St., San Jose.
Filed Mar. 26, '17. Dated Mar. 22, '17.
Frame up $842.25
Plastered inside and outside.. 842.25
Accepted 842.25
Usual 35 days..... 842.25
TOTAL COST, $3369.00
Bond, $1685. Sureties, W. M. Sontheimer and Joseph L. Haskins. Limit, 75 days from filing. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
NE FIFTEENTH AND WILLIAMS Sts., San Jose. All work for one and one-half story frame residence.
Owner.....Carrie T. Mason.
Architect.....Chas. S. McKenzie, Bank of Italy Bldg., San Jose.
Contractor....H. R. Sherman, 413 E-Jerome St., San Jose.
Filed Apr. 2, '17. Dated Mar. 30, '17.
Frame up $861.25
1st coat plaster inside..... 861.25
Accepted 861.25
Usual 35 days..... 861.25
TOTAL COST, $3445.00
Bond, $1722.50. Sureties, T. B. and A. L. Hubbard. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING, ETC.
SE THIRTEENTH AND SAN CARLOS Sts., San Jose. All work for two-story frame dwelling and garage.
Owner.....C. R. Kimberlin, Franklin & Jefferson, Santa Clara.
Architect.....W. E. Higgins, 1210 Jefferson, Santa Clara.
Contractor....W. R. Latta, 444 N-11th, San Jose.
Filed Mar. 30, '17. Dated Mar. 29, '17.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7846.50
Bond, $3923.25. Sureties, G. B. Dougherty, R. W. Fisher and A. Schirle. Limit, 120 days from date. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

San Mateo County.

FRAME DWELLING
LOT 19 AND ½ LOT 18 BLK 63 Easton Add'n to Burlingame No. 7, Burlingame. All work for two-story frame dwelling.

Owner.. Rufus Hatch Kimball and Dorothy Eaton Kimball, 1337 El Camino, Burlingame.
Architect ... Thos. M. Edwards, Bank Bldg., Burlingame.
Contractor C. Hutchings, San Mateo.
Filed Apr. 12, '17. Dated Apr. 9, '17.
Framed, etc. $1362.50
Roofed and rough plastered 1362.50
When completed 1362.50
Usual 35 days 1362.50
TOTAL COST, $1450.00
Bond, $2725. Sureties, Wm. Kettlewell and J. A. Foster. Limit, 90 days. Forfeit, $5 per day. Plans and specifications filed.

FRAME RESIDENCE
LOT 12 BLK "F" Hayward Park, San Mateo. All work for two-story frame residence (plastered exterior)
Owner.....A. W. Grant, San Mateo.
Architect .....Owner.
Contractor....Croop & Keegan, San San Mateo.
Filed Mar. 17, '17. Dated Mar. 16, '17.
Framed and roofed $855
1st coat mortar on 855
Completed and accepted 855
Usual 35 days 855
TOTAL COST, $3420
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
LOTS 4, 5 AND 6 Wellesley Park Sub. "A," Redwood City. All work for one-story frame bungalow and garage.
Owner.....Henry Martens, 19th and Florida, San Francisco.
Architect .....Koenig & Christianson, Humboldt Bank Bldg., San Francisco.
Contractor....Ludwig B. G. Koenig, 3525 19th, San Francisco.
Filed Mar. 21, '17. Dated Mar. 17, '17.
When framed $1946
When plastered 1946
When completed 1946
Usual 35 days 1947
TOTAL COST, $7785
Bond, $3892. Sureties, O. A. Craemer and Chas. J. U. Koenig. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
SANTA INEZ AND ROBLAR AVES., Hillsborough. All work for alterations and additions to house and garage.
Owner.....John Rothschild, 105 Market, San Francisco.
Architect .....Howard & White, Lick Bldg., San Francisco.
Contractor....Dreyfus Bros., 324 California, S. F.
Filed Mar. 31, '17. Dated Mar. 28, '17.
As work progresses... 75%
Usual 35 days 25%
TOTAL COST, $7722
Bond, $3861. Sureties, H. A. Nauman and A. J. Chapman. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ELECTRIC WORK
PORTOLA, near Woodside. Electric work for residence.
Owner.....William Fitzhugh, 2350 Broadway, San Francisco.
Architect Charles Ed Hodges, Bankers' Invst. Bld., S. F.
Contractor M. E. Ryan, 216 Main St., Redwood City.
Filed Apr. 5, '17. Dated Mar. 31, '17.
One-half work done $189
When completed 189
Usual 35 days 327
TOTAL COST, $1305
Bond, $750. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, plans and specifications, none.

STAIRWAY WORK
LOTS 1, 2, 3, 12, 13, 14 BLK 5, Burlingame Hills. All work for stairway work for two-story and attic residence.
Owner Mrs. Eleanor Louise Christenson, S. F.
Architect .....Charles E. Gottschalk, Phelan Bldg., S. F.
Contractor....J. K. Stewart Co., Army and Alabama, S. F.
Filed Apr. 6, '17. Dated Mar. 28, '17.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, $1295
Bond, none. Limit, 40 days. Forfeit, none. Plans only filed.

FRAME APARTMENTS
LOT 14 BLK 5 Western Addition to Town of San Mateo. All work for two-story frame and plastered (4-room) apartments with basement.
Owner.....P. Canepa, San Francisco.
Architect .....Thos. W. Edwards, Bank Bldg., Burlingame.
Contractor....Diognardi & Berranova, Daly City.
Filed Apr. 6, '17. Dated Apr. 2, '17.
When framed $1454
Roofed and plastered 1454
Interior & exterior trim in 1454
When completed 1454
Usual 35 days 1939
TOTAL COST, $7755
Bond, $3878. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

FRAME RESIDENCE
LOT 17 BREWER PP'TY Sub. No. 1, Hillsborough. All work for two-story frame residence.
Owner. Edward I. Cudahy, Chicago, Illinois.
Architect .....Thos. M. Edwards, Bank Bldg., Burlingame.
Contractor....Charles Hutchings, San Mateo, Cal.
Filed Apr. 6, '17. Dated Mar. 27, '17.
Framed and roofed $2825
When plastered 2825
When completed 2825
Usual 35 days 2825
TOTAL COST, $11,300
Bond, $5650. Sureties, James Kennedy and Joseph Levy. Limit, 90 days. Forfeit, $10 per day. Plans and specifications filed.

FRAME RESIDENCE
LOT 60, San Mateo Park. All work for two-story and basement frame residence.
Owner.....The McGilvray Co., S. F.
Architect.....W. H. Crim, 425 Kearny, San Francisco.
Contractor....Catherwood & Hamilton, 149 W-Poplar, San Mateo.
Filed Apr. 9, '17. Dated Apr. 5, '17.
Roof on $1687.75
Inside plastered 1687.75
When completed 1687.75
Usual 35 days 1687.75
TOTAL COST, $6750.00
Bond, $3394. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 day... Forfeit, $5 per day. Plans and specifications filed.

COMPLETION NOTICES

San Mateo County.

RECORDED ACCEPTED
Mar. 6, 1917—"FILOLI," Canada da Raymunda. W B Bourn to The Artistic Metal Works....Mar. 12, 1917
Mar. 21, 1917—LOTS 67, 68, 69, 70, 71 72 and 73 Blk 7, North Fair Oaks, near Atherton. Charles Miller to whom it may concern....Mar. 20, 1917
Mar. 28, 1917—LOTS 27 AND 31, Husing Add'n to City of San Mateo E A Husing to Croop & Keegan.... March 20, 1917
Mar. 29, 1917—LOT 7 BLK 22 Easton Add'n to Burlingame No. 2, Burlingame. Beatrice and Ernest Lloyd to Henry East....Feb. 22, 1917
Mar. 31, 1917—LOT 12 BLK 22 Sub No. 2, Easton Add'n to Burlingame, Burlingame. Chas H Finger to J W Monroe.....Mar. 23, 1917
Apr. 2, 1917—LOT 12 BLK 21 Sub. No. 2 Easton Add'n to Burlingame Burlingame. E L McRoskey to J W Monroe.....Mar. 23, 1917
Apr. 2, 1917—EASTON STATION, Easton. Southern Pacific Co to W P Jones and J J McGovern..... .....March 23, 1917
Apr. 4, 1917—LOTS 8 AND 10 BLK 1 Glenwood Park, Burlingame. Jerome and Estella Hamilton to Samuel McClure.....Mar. 30, 1917
Apr. 11, 1917—"FILOLI," Canada da Raymund. W B Bourn to Forderer Cornice Works, Apr. 7; M E Hammond .....April 7, 1917
Mar. 22, 1917—PTN LOTS 1 AND 2 Blk 1 Palmer Sub, San Mateo Park. William H Cunningham to R Caldwell.....Mar. 17, 1917
Mar. 22, 1917—PTN LOTS 1 AND 2 Blk 1 Palmer Sub, San Mateo Park. William H Cunningham to R Caldwell.....Mar. 17, 1917
Mar. 29, 1917—SE 4 LOT 9 Home of Peace Cemetery. Cecelia Simon to California Granite Co....Mar. 26, 1917
Mar. 30, 1917—LOT 24 BLK "N" Hayward Park. Geo W and Edith R Kneass to Thomas & Clark..... .....March 24, 1917
Mar 12, 1917—LOTS 32 AND 33 BLK 95 South San Francisco Plot No. 1. Michael Cain to whom it may concern.....March 1, 1917
Mar. 14, 1917—LOT 1 BLK 2, Glenwood Park Sub, Burlingame. C A Haley to H C Lewis.....Feb. 27, 1917
Mar. 12, 1917—LOT 33 BLK 95, South San Francisco Plot No. 1, South San Francisco. Michael Cain to whom it may concern .....March 1, 1917

LIENS FILED.

San Mateo County.

RECORDED AMOUNT
Apr. 5, 1917—LOT 7 BLK 22, Easton Add'n to Burlingame No. 2, Pope & Talbot vs Beatrice Lloyd and Henry East $326.08
Mar. 23, 1917—LOT 4 Valparaiso Park, Menlo Park. Inlaid Floor Co vs May K Schwabacher and Charles H Smith $60
Apr. 2, 1917 LOT 11 BLK 6 Stanford Park, Menlo Park. Gray

Thorning Lumber Co vs Alma H Sea $13.95

Mar. 1, 1917 PTN LOTS 4 AND 5 Valparaiso Park, Menlo Park. Dudfield Lumber Co vs May K and Albert Schwabacher and Chas H Smith $369.78

Mar. 19, 1917 PTN LOT 2, Valparaiso Park, Menlo Park. Dudfield Lumber Co vs Moses Heller and Chas H Smith $159.18

Mar. 6, 1917 BLK 8 Sub of Menlo Oaks, Menlo Park. Mangrum & Otter, Inc vs Lucy N and Edward S Munford $18.62

COMPLETION NOTICES.

Santa Clara County.

RECORDED ACCEPTED

Apr. 3, 1917—LENZEN AVE. bet Stockton Ave and The Alameda. West of San Jose. Louis Theo Lenzen to S H Gandrup..Apr. 2, 1917

Apr. 7, 1917—LOTS 22 AND 23 BLK 47 Pyle's Sbdvn No. 1, Reed's Addition, San Jose. American Can Co to Lang & Bergstrom..Apr. 6, 1917

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

WAREHOUSE—8 story and base, reinforced concrete, $250,000. Mare Island, Cal. Architect, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. An appropriation has been made for this building and tsis announcement this building and this announcement ago that such a structure would be erected at the Mare Island Navy Yard. Further mention will be made of the work.

COAST GUARD STATION—2 story, frame and shingles. Cost not stated. Bolinas Bay, Marin Co., Cal. Architect, none. Owners, United States Government. Bids will be opened on May 15th for this work. Plans can be secured from the Superintendent of the 13th District Coast Guard Service, Customs House, San Francisco. An official proposal appears in another column of this issue.

LODGE HALL AND STORES — 3 story and base, brick, $40,000. Vallejo, Solano Co., Cal. Architect, James J. Stanley, care of Mare Island Navy Yard. Owners, Vallejo Knights of Columbus Hall Association. Location, southeast Main and Carolina streets, covering an area of 55 by 100 feet. Will contain two stores on the first floor and lodge halls above. Plans have been approved.

RESIDENCE—1 story and base, frame, $4,000. Mt. Diablo, Contra Costa Co., Cal. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Jenkin B. John. Location, Mt. Diablo Park. Will contain seven rooms, two baths and sleeping porch. Plans complete and subfigures being taken.

RESIDENCE—1 story and base, frame, $1,200. Richmond, Contra Costa Co., Cal. Architect, none. Owner, Herman Schotten, 1522 Santa Clara avenue, Alameda. Location, 4th, between Chanslor and Ohio streets. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base frame, $5,000. Mt. Diablo, Contra Costa Co., Cal. Architect, John Stafford White, 15th and Broadway, Oakland. Owner, Judge Melvin. Location, Mt. Diablo Park. Will contain eight rooms, two baths and sleeping porch. Plans complete and subfigures being taken.

SCHOOL—1 story and base, reinforced concrete, $28,000. Cloverdale, Sonoma Co., Cal. Architect, Ernest L. Norberg, Bank Bldg., Burlingame. Owners, Cloverdale School District. Bids will be opened on April 27th for this work. The building will contain eight class rooms and an auditorium. Plans are on file at the office of the architect.

SCHOOL—1 story, frame, $10,000. Middletown, Lake Co., Cal. Architect Norman R. Coulter, 46 Kearny street, S. F. Owners, Middletown Union High School District. Will contain four class rooms and an assembly hall, library and office. Plans being prepared.

FIRE HOUSE—1 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 906 Macdonald avenue, Richmond. Owners, City of Richmond. Location, Pullman Tract. Plans complete and bids to be opened on April 23rd at 8 p. m.

HALL OF RECORDS HEATING SYSTEM—Cost not stated. Napa, Napa Co., Cal. Architect, W. H. Corlett, Napa. Owners, Napa County. Contractors, H. Shwarz & Co., Main street, Napa. Contract price not stated.

Contract Awarded.

APARTMENT HOUSE—2 story and base, frame, $15,000. Vallejo, Solano Co., Cal. Architect, none. Owner, J. F. Covallo. Contractors, Hoyt Construction Co., Berkeley Bank Bldg., Berkeley. Contract price, $15,000.

LODGE HALL ALTERATIONS — Heating system, $1,000. Petaluma, Sonoma Co., Cal. Architect, Carl Werner, Phelan Bldg., S. F. Owners, Masonic Temple Association. Contractors, Rector System of Gas Heating, 429 Sutter street, S. F. Contract price, $1,000.

BUILDING CONTRACTS.

Contra Costa County

FRAME COTTAGE
FOURTH ST., bet. Chanslor and Ohio Sts., Richmond. Frame cottage.
Owner.....Herman Scholten, 1522 Santa Clara Ave., Ala.
Architect .....None.
Day's work. COST, $1200

FRAME DWELLING
TWENTY-SEVENTH ST., bet. Roosevelt and Grand Blvd., Richmond. One and one-half-story frame dwlg.
Owner.....L. D. Spencer, Cor. S-10th & Maine, Richmond.
Architect.....J. B. Ogborn, 821 Bissell Ave., Richmond.
Contractor....J. O. Dahl, 126 Ohio St., Richmond.
COST, $1900

FRAME COTTAGE
SEVENTEENTH ST., bet. Macdonald and Bissell Aves., Richmond. Frame cottage.
Owner.....H. W. Clear, 327½ 12th, Richmond.
Architect. J. B. Ogborn, 821 Bissell Ave., Richmond.
Contractor....O. J. Dahl, 126 Ohio St., Richmond.
COST, $1410

FRAME COTTAGE
S-FOURTH ST., bet. Ohio and Florida Sts., Richmond. Frame cottage.
Owner.....J. Miller, 225 S-5th St., Richmond.
Architect .....None.
Contractor....A. W. Josselyn, 145 S-6th St., Richmond.
COST, $1400

FRAME COTTAGE
EIGHTH ST., bet. Barrett and Ripley Sts., Richmond. Frame cottage.
Owner.....Minnie Hickok, 244 5th St., Richmond.
Architect .....None.
Contractor....M. B. Roberts, 334 11th St., Richmond.
COST, $1550

LIENS FILED.

Marin County.

RECORDED AMOUNT

Apr. 12, 1917—SAN ANSELMO. Jensen & Schlosser Lumber Co vs Chas F Bauer.....$129.86

Apr. 7, 1917—NR FAIRFAX. Fairfax Lumber Co (a corp) vs Ernest A Kahl $89.23

RELEASE OF LIENS

Marin County.

RECORDED AMOUNT

Apr. 7, 1917—NEAR LAGUNITAS. Jensen & Schlosser Lumber & Mill Co to Cascade Land Co.....$196.84

BUILDING CONTRACTS.

Sonoma County.

FRAME RESIDENCE
NO. 1414 FOURTH ST., Santa Rosa. Two-story and basement 8-room frame residence.
Owner.....L. W. Spaulding, Santa Rosa, Cal.
Architect .....None.
Day's work. COST, $4000

FRAME POULTRY HOUSE
GOODWIN AVE ., Cotati, Sonoma Co. Frame poultry house.
Owner.....T. Howard Hansen.
Architect .....None.
Contractor....Rodd & Rodd, Petaluma.
COST, $——

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

PACKING HOUSE—1 story, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, John C. Austin, Baker-Detwiller Bldg., L. A. Owners, Stewart Fruit Co Will cover an area of 150 by 50 feet. Plans are being prepared and when complete the work will probably be done by Day Labor.

PACKING HOUSE—4, 1 and 2 story, brick and frame. Cost as follows. Fresno, Fresno Co., Cal. Architect's name not given. Owners, California Peach Growers Association. Negotiations between the directors of the California Peach Growers, Inc., of

Fresno, and O. E. Peterson, R. G. Smith and W. H. Kramling of Kingsbury for the construction of a packing plant costing between $15,000 and $20,000 have been concluded. Four similar buildings are to be erected for the same owners in different cities as follows: Hanford, Kings County.; and Selma and Parlier, Fresno County. Each to cost $15,000. Figures are now being taken for a similar building to be erected in Reedley, Fresno County, costing $25,000. Plans for this building were prepared by Architects Glass & Butner, Rowell Bldg., Fresno. These architects will most probably prepare plans for the other buildings.

WAREHOUSE—1 story, frame, $2,000. Fresno, Fresno Co., Cal. Architect, none. Owners, Guggenhime & Co., Santa Fe and Santa Clara avenues, Fresno. Location, lots 17 and 22, block 140. Plans complete and work to be done by Day Labor.

PACKING HOUSE ALTERATIONS—1 story, frame, $5,000. Fresno, Fresno Co., Cal. Architect, none. Owners, Guggenhime & Co., Santa Fe and Santa Clara avenues, Fresno. Location, Ventura and Santa Fe avenues. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $7,000. Fresno, Fresno Co., Cal. Architect, none. Owner, Thomas E. Risley, Fresno. Location, lots 26, 27 and 28, block 9. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

Contract Awarded.

HOSPITAL ADDITION—2 story and base, reinforced concrete, $55,850. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, Fresno County. Contractors, Manning Bros., 924½ J street, Fresno. Contract price, $55,850.

LIBRARY—1 story and base, brick and concrete, $10,000. Alturas, Modoc Co., Cal. Architect, none. Owners, Modoc County. Contractors, Kerr Bros., Alturas. Contract price, $10,000.

OFFICE—1 story and base, brick, $9,100. Parlier, Fresno Co., Cal. Architect, Eugene Mathewson, Corey Bldg., Fresno. Owner, Edward J. Hayhurst. Contractor, C. B. Hanner, 1245 I street, Fresno. Contract price, $9,100.

MARKET—, story and base, brick, $31,500. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owner, Louis Gundelfinger. Contractor, James Daly, Griffith-McKenzie Bldg., Fresno Contract price, $31,500.

BUILDING CONTRACTS.

Fresno County.

AUDITORIUM
BLK 224, Fresno. All work for one-story auditorium building.
Owner.....Board of Education of City of Fresno.
Architect ...Ernest J. Kump, Rowell Bldg., Fresno.
Contractor Jas. L. Daly, Griffith-McKenzie Bldg., Fresno.
Filed Apr. 12, '17. Dated Apr. 5, '17.
As work progresses 75%
Usual 35 days.....Balance
TOTAL COST, $18,480

Bond, none. Limit, 100 days. Forfeit, $20. Plans and specifications filed.

ALTERATIONS
VENTURA AND SANTA FE AVE., Santa Fe Reservation, Fresno. All work for alterations to packing house.
Owner.....Guggenhime & Co., Santa Fe and Santa Clara St., Fresno.
Architect .....None.
Day's work. COST, $4250

WAREHOUSE
LOTS 17 TO 22 BLK 140, Fresno. All work for warehouse.
Owner.....Guggenhime & Co., Santa Fe and Santa Clara Sts., Fresno.
Architect .....None.
Day's work. COST, $2000

DWELLING, ETC.
LOTS 26, 27, AND 28 BLK 9, Fresno. All work for dwelling and garage.
Owner.....Thos. E. Risley.
Architect .....None.
Day's work. COST, $7000

DWELLING AND GARAGE
LOTS 10 AND 11 BLK 3 Palm Villa Tract, Fresno. Dwelling and garage.
Owner.....Fresno Home Bldg., 1231 I St., Fresno.
Architect .....None.
Contractor....Yarnell & Garges, 2327 White St., Fresno.
COST, $2600

DWELLING
LOTS 23 and 24 Berry Tract, Fresno. Dwelling.
Owner.....F. M. Koppel.
Architect .....None.
Contractor....C. P. Cain, 709 Mildreda St., Fresno.
COST, $2200

DWELLING
LOT 9 BLK 4, Cedar Park, Fresno. Dwelling and garage.
Owner.....Mrs. N. Arnold.
Architect .....None.
Contractor....J. W. Neal, 627 Raisina St., Fresno.
COST, $2000

DWELLING
LOTS 1 AND 2 BLK 1 Dean Addition, Fresno. Dwelling.
Owner.....A. E. McCrea, 104 O St., Fresno.
Architect .....None.
Contractor....J. E. Cregor.
COST, $1500

WAREHOUSE
LOTS 1, 2, 3 BLK 97, Fresno. All work for auto supply warehouse.
Owner.....Einstein Invst. Co., Tulare and K Sts., Fresno.
Architect .....None.
Contractor....R. C. Blackwell, 1556 Central St., Fresno.
COST, $11,750

DWELLINGS
LOTS 21, 22, 23 BLK 100, Fairmount Addition, Fresno. Two dwellings.
Owner.....H. B. Heights Co.
Architect .....None.
Contractor H. T. Humphreys, 531 Poplar St., Fresno.
COST, $2000

REPAIRS
LOTS 31 & 32 BLK 134, Fresno. Repairs to church
Owner Adventist Church, Fresno
Architect .....None.
Contractor J. R. Church, 1221 U St., Fresno.
COST, $1000

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
Apr. 5, 1917—LOT 29, Burlingame Villa Park, Fresno. Mabel Shelton to whom it may concern..Apr. 5, 1917
Apr. 5, 1917—SE BALCH AVE AND Fourth, Alta Vista Tract, Fresno. J B Hart to whom it may concern April 5, 1917
Apr. 7, 1917—LOT 7 BLK 24, Alta Vista Tract, Fresno. Alta Vista Homes Co to whom it may concern . . . April 4, 1917
Apr. 9, 1917—LOT 3 BLK 9 North Park, Fresno. W P Byde to C B Hanner.....April 1, 1917
Apr. 10, 1917—LOT 28 BLK 50, Fresno. Pacific Gas & Electric Co to J H Burnett Iron Works . . . .April 4, 1917
Apr. 10, 1917—LOTS 13, 14 E 10 feet Lot 15 Blk 5, College Add'n, Fresno. Carolyn M Taylor to J R Church.....April 10, 1917

LIENS FILED.

Fresno County.

RECORDED AMOUNT
Apr. 9, 1917—LOTS 13 AND 14 and E 10 feet Lot 15 Blk 5, College Addition, Fresno. Kutner-Goldstein Co vs Carolyn M. Taylor.....$410

NOTICE OF NON-RESPONSIBILITY.

Fresno County.

Apr. 7, 1917—PTN RESERVATION on Coalinga (leased by Republic Well Supply Co, Federal Drilling Co and Cross Lumber Co. Southern Pacific Railroad as to improvements on leased property.....

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

APARTMENT HOUSE ADDITION—2 story, brick, $10,000. Stockton, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owner, Mr. Williams. Location, Lindsay and California streets. Will contain a store on the first floor and a number of two-room apartments above. Plans are being prepared.

JAIL—1 story, reinforced concrete. Cost not stated. Hornbrook, Siskiyou Co., Cal. Architect, County Surveyor, Yreka. Owners, Siskiyou County. Will contain office and cells. Plans are complete and bids will be opened by the County Supervisors on May th at 10 a. m.

WAREHOUSE—5 story and base, reinforced concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Glenn Allen, Ritz Hotel, S. F. Owner, E. B Brown Only sketches of this building have been prepared and the architect declines to give details until plans are more advanced

GARAGE 1 story and base concrete and frame, $3,000. Stockton San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Sunset Carriage Works. Location, Channel and American streets, covering an area of 40 by 120 feet. Plans are being prepared.

GARAGE 1 story and base brick, $8,000. Stockton, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Misses Annie and Albina Milco. Location, El Dorado and Lindsay streets, covering an area of 50 by 100 feet. Plans are being prepared.

SANITARIUM—4 story and base, reinforced concrete. Sacramento. As a result of the accidental death of the late Dr. John L. White of Sacramento, plas for the construction of a $175,000 reinforced concrete sanitarium on the site of the present White Hospital have been abandoned. E. W. Gerber, administrator of the White Estate, states that instead of the new building extensive alterations will be made to the present hospital. R. A. Herold, Forum Bldg., Sacramento, is the architect.

HOSPITAL GROUP—1 and 2 story, reinforced concrete. Cost not stated. Grass Valley, Nevada Co., Cal. Architect, William Mooser, Nevada Bank Bldg., S. F. Owners, Nevada County. The architect has been in consultation with the supervisors relative to this work and has been selected to prepare plans. Details of the work have not been determined. Further mention will be made.

Contract Awarded.

APARTMENT HOUSE AND STORES—2 story and base, brick, $12,000. Redding, Shasta Co., Cal. Architect, H. P. Brannan, Kennett. Owner, Eugene Guibbani. Contractors, Holt and Gregg, Redding. Contract price, $12,000.

SCHOOL—1 story, frame, $9,974. Willows, Glenn Co., Cal. Architect, W. H. Weeks, 5 Post street, S. F. Owner, Larkin School District. Contractor, W. Pearce, Los Molinos. Contract price, $9,974.

BUILDING CONTRACTS.

Sacramento County.

CONCRETE ROAD

CONCRETE ROAD ON TOP OF river levee of Reclamation District No. 1000 bet. N end of the so-called Lower Marysville Road Trestle and the Elkhorn Road on Sec line bet. Secs. 26 and 35 T 10 R 3 about 13 miles in length.

Owner ..... Natomas Co. of California
Architect .....None.
Contractor....B. Ransome.
Filed Apr. 9, 17. Dated Mar. 27, '17.
COST, 75 cts. per lineal ft of said road 16 feet in width.

FRAME TABERNACLE

NO. 900 M ST., Sacramento. Erect frame tabernacle 100x150.
Owner.....Scoville Evangelestic.
Architect .....None.
Contractor....C. H. Dunn, Chairman, Cr Capitol National Bank, Sacramento.
COST, $2500

ALTERATIONS

NO. 1205 P ST., Sacramento. Remodel two-story frame dwelling into (2) flats.
Owner.....A. Hayman, Premises.
Architect .....None.
Contractor....Chas. A. Vanina, 2022 M St., Sacramento.
COST, $950

COMPLETION NOTICES

Sacramento County.

RECORDED ACCEPTED
Mar. 30, 1917—LOT 4, 27th, 28th, L and M Sts., Sacramento. Scottish Rite Cathedral Ass'n. of Sacramento to Ideal Heating & Engineering Co, Mar. 29; C J Guth.....March 29, 1917
Apr. 5, 1917—BLK 14-15 J, K, Sts., Sacramento. A E and Rebecca M Coolot to C J Guth.....Apr. 5, 1917

LIENS FILED

Sacramento County.

RECORDED AMOUNT
Apr. 5, 1917—LOT 4, 6, 7, I & J Sts., Sacramento. Louis Cereghino & Son vs Florence E Atkinson and Floretta Lupen $938.59

LOS ANGELES AND SOUTHERN CALIFORNIA.

FLATS—2 story and base, frame, $25,000. Los Angeles, Cal. Architects, Taylor Bros., Black Bldg., L. A. Owners, Taylor Bros. Location, corner De Longpre and Hobart avenues. Will contain 40 rooms arranged for eight flats. Plans complete and work to be done by Day Labor.

FLATS—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, Franklin Harper, Van Nuys Bldg., L. A. Location, Benton Boulevard near Wilshire. Will contain 96 rooms arranged for sixteen flats each of six rooms and two baths. Plans are being prepared.

OFFICERS' QUARTERS, ETC., — Frame and concrete and hollow tile. Cost not stated. San Pedro, Los Angeles Co., Cal. Bids will be opened on May 9th at 9 a. m. in the office of the Constructing Quartermaster at 12th and Pacific avenue, San Pedro, Cal. for the construction of officers' quarters, barracks, and various other buildings to be erected at Fort MacArthur. Twenty-eight buildings are included in the projects, construction being of frame, hollow tile, brick and concrete. Plans and other information can be secured from the Constructing Quartermaster at San Pedro.

HOTEL ADDITION—2 story, brick, $26,000. Santa Barbara, Santa Barbara Co., Cal. Architect's name not given. Owners, Arlington Hotel Co. The addition will contain 21 rooms and baths. Plans are being prepared.

HOTEL—3 story and base, frame and plaster. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owner's name withheld. Will contain 95 rooms and 36 baths. Plans are being prepared.

STORES AND LOFTS—3, 2 story and base. Class C construction, $75,000. Los Angeles, Cal. Architect, Public Service Commission, Knickerbocker Bldg., L. A. Owners, City of Los Angeles. One building will be for storage purposes, the other for offices and the third for a garage. Plans are being prepared and work will be done by Day Labor.

CAFE—1 and 2 story and base. Class C construction, $75,000. Los Angeles, Cal. Architect, Paul C. Pae, Consolidated Realty Bldg., L. A. Owner, J. M. Annechini, 214½ West St., L. A. Location not selected. Only preliminary plans have been prepared and further mention will be made when a location is selected.

MERCANTILE BUILDING—4 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, W. J. Dodd & William Richards, Brockman Bldg., L. A. Owner, J. J. Haggerty. Location, Grand avenue, adjoining Brockman Bldg. Will cover an area of 40 by 148 feet. Plans are complete and segregated figures are being taken.

STORES AND LOFTS—10 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, William Curlett & Son, Merchants' National Bank Bldg., L. A. Owner, J. E. Carr. Location, west Broadway between 5th and 6th streets, covering an area of 65 by 150 feet. Preliminary plans are being prepared.

BANK—1 story and base, reinforced concrete. Cost not stated. Victorville, San Bernardino Co., Cal. Architects, Kremple & Erkes, Henne Bldg., L. A. Owner, Carl Leonardt, H. W. Hellman Bldg., L. A., leased to First National Bank of Victorville. Will cover an area of 25 by 45 feet. Plans are complete and work to be done by Day Labor.

CLUB HOUSE—2 story and base, hollow tile. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architect, Bertram G. Goodhue, 2 West 47th street, New York. Owners, Santa Barbara Country Club. Will cover an area of 200 by 60 feet. Plans are com-

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plete and figures being taken. Plans can be secured from the secretary of the club at Santa Barbara.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owner, William Garland, leased to Chandler Auto Co. Location, 934-936 South Hope street, covering an area of 100 by 157 feet. Plans are being prepared.

Contract Awarded.

SCHOOL 1 story, brick, $7,873. Torrance, Los Angeles Co., Cal. Architect, none. Owners, City of Torrance. Contractor, Lee Callahan, 2324 Michigan avenue, L. A. Contract price, $7,873.

STORES AND ROOMS—Repair fire damage, $50,000. Los Angeles, Cal. Architect, Frank Wilson Young, Lankershim Bldg., L. A. Owner, Mrs. Mary Wilson Young. Contractors, Pozzo Construction Co., 421 Macy St., L. A. Contract price, $50,000.

MERCANTILE BUILDING—4 story and base. Class C construction, $56,480. Pasadena, Los Angeles Co., Cal. Architect, John Parkinson, Title Insurance Bldg., L. A. Owner, Thomas Bradley, leased to T. W. Mather Co. Contractor, J. V. McNeil, Westley Roberts Bldg., L. A. Contract price, $56,480.

SEATTLE AND WASHINGTON.

SCHOOL—2 story and base, brick addition. Cost not stated. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, 46th avenue and Dawson streets, covering an area of 66 by 90 feet. Will contain eight class rooms. Plans are being prepared.

UNIVERSITY BUILDING—4 story and base, reinforced concrete, $180,000. Seattle, Wash. Architects, Bebb & Gould, Denny Bldg., Seattle. Owners, University of Washington. Location, University Campus. Only preliminary sketches have been made. The building will probably house the departments of philosophy and psychology. Further mention will be made.

WAREHOUSE—5 story and base, reinforced concrete. Cost not stated. Spokane, Wash. Architects, Whitehouse & Price, Spokane. Owners, Gray Mfg. Co. Will cover an area of 50 by 100 feet. Plans are being prepared.

Contract Awarded.

SCHOOL ADDITION—2 story and base, reinforced concrete, $36,980. Everett, Wash. Architect, B. F. Turnbull, Everett. Owners, City of Everett. Contractors, R. B. Adams Construction Co., Everett, general construction, $36,980. Bassett Plumbing and Heating Co., Everett, plumbing and heating, $14,900 and $3,950, respectively.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, brick, $40,000. Bremerton, Wash. Architect, A. L. Haley, Peoples Bank Bldg., Seattle. Owner's name not given. Will cover an area of 58 by 85 feet and contain 18 apartments of two, three and four rooms. Plans are complete and figures being taken.

GRAIN ELEVATOR—1 story, reinforced concrete, $114,000. Seattle, Wash. Engineer, Port of Seattle Commission, Seattle. Owners, City of Seattle. P. A. Harrington, Oriental Bldg., Seattle, submitted the lowest bid for this work at $114,000 and will probably be awarded the contract.

DOCK AND WAREHOUSE—1 story, frame and concrete, $150,000. Seattle, Wash. Engineer, none. Owners, Oregon-Washington Railway and Navigation Co., Portland, Ore. Location, foot of Railroad avenue, covering an area of 160 by 460 feet. Plans are complete and bids will be called for shortly.

LODGE HALL AND APARTMENTS—4 story and base, brick, $60,000. Portland, Ore. Architects, Goodrich & Goodrich, Abington Bldg., Portland. Owners, Knights and Ladies of Security. Will cover an area of 100 by 100 feet and contain apartments besides the lodge rooms and banquet hall. Plans are being prepared.

SCHOOL—2 story and base, brick annex, $35,000. Corvallis, Ore. Architect, Charles H. Burgraf, Albany, Ore. Owners, City of Corvallis. Will cover an area of 62 by 140 feet. Plans complete and figures being taken.

Contract Awarded.

LODGE HALL 3 story and base, brick, $40,000. Portland, Ore. Architects, Houghtaling & Dougan, Henry Bldg., Portland. Owners, Moose Lodge Association. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, $40,000.

ARIZONA.

HOTEL, STORES AND THEATRE—4 story and base. Class A construction, $250,000. Flagstaff, Ariz. Architects, Coxhead & Coxhead, Phelan Bldg., S. F. Owner's name not given. Location, San Francisco and Aspen streets. Preliminary plans have been approved and working drawings are being prepared. Further mention will be made of the work.

NEVADA.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Fallon, Nev. Architects, Wilson & Eager, American National Bank Bldg., Monrovia, Cal. Owners, Churchill County School District. Will contain eight class rooms, departments for manual training and domestic science. Plans are complete and figures being taken. Bids will be opened on April 28th at 2 p. m.

SCHOOL—1 story and base, hollow tile, $30,000. Sparks, Nev. Architect, F. J. De Longchamps, Nixon Bldg., Reno. Owners, Sparks School District. Will contain eight class rooms, assembly hall and library. Plans complete and figures being taken. Bids open on April 23rd.

SACRAMENTO, Cal.—Bids for the steel work needed in the construction of the Rio Vista bridge will be advertised for and will be opened May 7th. The Solano and Sacramento Supervisors will both advertise for the work. Each county is to pay half of the cost of building the bridge.

RECEIVE FIGURES FOR OAKLAND SCHOOL JOB.

Bids for Small Work at Lakeview Unit No. 3 Are Referred to District Attorney's Office.

Bids were opened on April 9th by the Oakland Board of Education for constructing a pergola, grading and foundation work for unit No. 3 of the Lakeview School Annex, located at Perry and Van Buren streets. The following bids were received:

Lakeview Unit No. 3.

R. W. Littlefield	$6,990
Christensen & Son	7,260
J. C. Neilsen	7,562
George Armstrong	7,615

All bids were referred to the District Attorney.

WILD FLOWER FETE.

Two carloads of yellow pine trees from the Feather River country of the Plumas National Forest and a number of California juniper from the Santa Barbara National Forest will be supplied by the Forest Service for the California Forest and Wild Flower Fete to be held at the Fairmount Hotel April 24-28, according to a report given out by the Forest Service. The exhibition which is given annually for the benefit of the San Francisco Boy's Outing Farm, will be held in the ballroom of the Fairmont Hotel and will consist of woodland, lake, stream, and mountain scenes as a background and setting for a display of California wild flowers.

In addition to supplying trees and shrubbery from the National Forests, the Forest Service will install a model ranger camp equipped with government telephone, heliograph, and fire fighting tools. A forest officer will be in charge to distribute maps and information concerning the National Forests in California and to explain the ways in which the Government protects and administers its forests and watersheds.

PUTTING NATIONAL ELECTRICAL SAFETY CODE INTO EFFECT.

Many companies are voluntarily putting into effect the National Electrical Safety Code, in the preparation of which the United States Bureau of Standards co-operated with leading electrical engineers and representatives of light and power interests, electric railways, telephone and telegraph companies, and manufacturers of electrical goods. Besides those who have already adopted the code, many others are studying it. One thousand copies of the publication of the Bureau of Standards which contains the code have been distributed to commissions, State officials, inspectors, and persons who were interested in its preparation, and in addition nearly 10,000 copies have been sold. Some State commissions are considering it for official adoption.

The bureau mentioned has a large correspondence in connection with this work, and is preparing a supplementary publication upon the scope

and application of the code. It is expected that the new publication will be of considerable assistance to administrators as well as to officials of electrical operating companies and others.

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FIGHTING PARSON ROASTS "PACIFICISTS."

In a masterly speech delivered recently at the Palace Hotel before the members of the Home Industry League of California the "Slackers," the "anti-preparedness" leaders, "peace-at-any-price" people, and the "foreign-born" element of the population of the United States who opposed the entry of the United States into the European War were roasted, turned, skinned and done all over again by the Rev. James W. Kramer, D. D., of San Jose.

After prefacing his declarations with an explanation that all his own forefathers were of German extract and that he himself is a Southerner; after insisting that he hated war and considered most of them in the past as unnecessary and wars that could easily have been averted; and after stating that he had not voted for Wilson—the Doctor hailed Woodrow Wilson as the "Second Abraham Lincoln," as the man who has started in to put an end to political "slavery" in Europe; that the war of the United States against Germany is a truly "holy" war; that the raising of a great American navy and army at this time is as honorable and right and just, for the nation, as it has been honorable, just and right for cities, up to this time, to have an armed and clubbed police. He insisted that every church in the land is as much a factor in "preparedness" as will be the great army of trained men which America ought to have today.

Dr. Kramer, famous as the minister who "converted" Bob Fitzsimmons from a prize-fighter to a preacher, and who preaches every Sunday to the largest Protestant congregation in Northern California, flayed the clergymen who are arrayed against the present war, quoting the Bible at length to prove that the war is rightful.

"No man who is not a fighter has any business to be a clergyman;" "The broadest platform on which anyone in the country can stand today is —'I am an American citizen.'" "War as War is an outrage—and this will be the last of the wars; but unless America does her part now the world will become a re-incarnated hell."—were some of the speaker's sentiments that were accorded a tremendous reception by the large gathering of California manufacturers.

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BONDED INDEBTEDNESS CARRIES GREAT ANNUAL INTEREST BILL.

State Controller John S. Chambers in his forthcoming annual report as to the financial transactions of the counties and cities of California has a very interesting chapter on the bonded indebtedness of the State and its political subdivisions. The figures he gives only include bond issues outstanding as of June 30, 1916, the end of the fiscal period, and do not include such issues as the $15,000,000 voted for highway purposes and many other issues which run the grand total considerably higher than that shown in the report. The total in the report as of the date mentioned is $225,041,735.33. Of this amount the bonded indebtedness by the State totals $33,013,500; of the counties $56,461,189.94, and of the municipalities $135,567,045.39.

The interest paid last year on the bond issues of the cities and counties amounted to $8,627,462.74, while the total of the bonds redeemed was $7,568,410. In other words, the interest cost exceeded the redemption of bonds by $1,059,052.74. Including the interest paid by the State, the total bill was considerably in excess of $10,000,000.

Bond issues totaling $12,679,500 offered in various counties and cities were rejected by the people last year.

Controller Chambers repeats his warning of previous years to the effect that bond issues should be held to matters of the first importance which would impose too heavy a present burden if undertaken by direct taxation. And such bond issues, he states, should be short-term serials, the life thereof not exceeding, and preferably being under the estimated life of the proposed improvement.

◆

RECIPES FOR KILLING FLIES.

The United States Government makes the following suggestion for the destruction of house flies: Formaldehyde and sodium salicylate are the two best fly poisons. Both are superior to arsenic. They have their advantage for household use. They are not a poison to children; they are convenient to handle, their dilutions are simple and they attract the flies.

Preparation of Solutions.

A formaldehyde solution of approximately the correct strength may be made by adding 3 teaspoonfuls of the concentrated formaldehyde solution, commercially known as formalin, to a pint of water. Similarly, the proper concentration of sodium salicylate may be obtained by dissolving 3 teaspoonsful of the pure chemical (a powder) to a pint of water.

A simple container has been found convenient for automatically keeping the solution always available for flies to drink. An ordinary, thin-walled drinking glass is filled or partially filled with the solution. A saucer, or small plate, in which is placed a piece of WHITE blotting paper cut the size of the dish, is put bottom up over the glass. The whole is then quickly inverted, a match placed under the edge of the glass, and the container is ready for use. As the solution dries out of the saucer the liquid seal at the edge of the glass is broken and more liquid flows into the lower receptacle. Thus the paper is always kept moist.

Other Simple Preventives.

Any oder pleasing to man is offensive to the fly and vice versa, and will drive them away.

Take five cents' worth of oil of lavender, mix it with the same quantity of water, put it in a common glass atomizer and spray it around the rooms where flies are. In the dining room spray it lavishly even on the table linen. The odor is very disagreeable to flies but refreshing to most people.

Geranium, mignonette, heliotrope and white clover are offensive to flies. They especially dislike the odor of honeysuckle and hop blossoms.

According to a French scientist flies have intense hatred for the color blue. Rooms decorated in blue will help to keep out the flies.

Mix together one tablespoonful of cream, one of ground black pepper and one of brown sugar. This mixture is poisonous to flies. Put in a saucer, darken the room except one window and in that set the saucer.

To clear the house of flies, burn pyrethrum powder. This stupefies the flies, but they must be SWEPT UP and BURNED.

Recipes for Stables, Barns and Out-of-doors.

Borax is especially valuable around farms and out of doors. One pound of borax to twelve bushels of manure will be found desirable as a poison without injuring its manurial qualities or farm stock. Scatter the borax over the manure and sprinkle with water.

Lye, chloride of lime, or copperas (sulphate of iron) dissolved in water, crude carbolic acid, or any kind of disinfectant may be used in vaults.—Merchants' Ass'n. of New York.

◆

COST OF GOVERNMENT IN 1916 LESS THAN IN PREVIOUS YEAR.

State Controller John S. Chambers has just sent to the State Printer the copy of his annual publication as to the financial transactions of the counties and cities of California.

This particular issue is the most complete and interesting of any yet given to the public by the Controller's office. It shows for 1916 a total gross expenditure upon the part of the State, the counties and the cities of $175,868,482.94, as compared with a total gross in 1915 of $176,422,682.33. These gross expenditures are what are technically known as government "payments." They include agency transactions, which means where one form of government acts as an agent for another form, just as the State does with the counties and the counties do with the State, and also include the use of money derived from the sale of bonds. The proper time, of course, in which to charge bond money against a government is when the bonds are redeemed. If the money expended from the proceeds of bond sales is charged against the government, and later when the bonds are redeemed a like charge is made, a duplication ensues and the cost of government is made proportionately higher than it should be.

In 1916 the gross payments by the State government were $36,035,889.77, as compared with $36,529,953.04 in 1915; the gross payments by the counties ran $74,649,396.73, as compared with $69,970,496.88 in 1915, and the gross payments by the cities were $65,183,196.44, as against $69,922,592.41 in 1915.

Controller Chambers in the forthcoming report not only shows the gross expenditures and the receipts of the various forms of government, but he has segregated the disbursements by functions showing what the State, the counties and the cities expended

in 1916 along such lines of classification. This is the first time in the history of California that a table of this kind was ever compiled and the opportunity is offered, therefore, not only of comparing receipts and gross expenditures but also in detail the purposes for which the money was spent.

KILL FLIES AND SAVE LIVES.

Kill at once every fly you can find and burn his body.

Observers say that there are many reasons to believe there will be more flies this season than for a number of years.

The killing of just one fly NOW means there will be billions and trillions less next summer.

Clean up your own premises; see and insist that your neighbors do likewise.

Especially clean "out-of-the-way-places," and every nook nad cranny.

Flies will not go where there is nothing to eat, and their principal diet is too filthy to mention.

The Fly is the Tie That Binds the Unhealthy to the Healthy!

The fly has no equal as a germ "carrier;" as many as five hundred million germs have been found in and on the body of a single fly.

It is definitely known that the fly is the "carrier" of the germs of typhoid fever; it is widely believed that it is also the "carrier" of other diseases, including possibly infantile paralysis.

The very presence of a fly is a signal and notification that a housekeeper is uncleanly and inefficient.

Do not wait until the insects begin to pester; anticipate the annoyance.

April, May and June are the best months to conduct an anti-fly campaign.

The farming and suburban districts provide ideal breeding places, and the new born flies do not remain at their birth place but migrate, using railroads and other means of transportation, to towns and cities.

Kill flies and save lives!

COOK PORK THOROUGHLY.

Eating insufficiently cooked pork recently caused serious illnesses in every member of a Marin County family of thirteen persons, except a babe in arms. The cases were investigated by the Bureau of Communicable Diseases of the California State Board of Health and it was determined that the twleve patients were suffering from trichinosis, a disease that exists chiefly in rats, hogs and men.

Rats become infected through eating scraps of infected meat about slaughter houses and through eating each other. Hogs become infected through eating rats, and men become infected through eating hogs. If pork is thoroughly cooked before eating, however, there is no danger of contracting the disease. Trichinosis is without doubt more prevalent than is generally known, many cases being mistaken for other diseases. Housewives should always cook pork thoroughly in order to make certain that dangerous meat is not served on the family table.

CHANGE OF GEOGRAPHIC NAMES IN PANAMA.

The Government of Panama has decreed that all places in Panama shall bear Indian or Spanish names. Some of the places now bearing foreign names originally bore Indian or Spanish names, and in such cases the original names will be restored, while new Spanish names will be given to all other places now known under names originating in other countries. The law providing for these changes, which is published in the Gaceta Oficial of January 24, will be followed three months later by a Government decree announcing the official Indian or Spanish names of all places in Panama, and nine months later the post office will refuse to deliver letters addressed to foreign names of places in Panama. Advertisements and labels must be correctly spelled in Spanish, though the equivalent in another language may appear above or below the Spanish. The Department of Public Instruction will assist in the preparation of the list of geographic names, and will see that the new names are taught in all the schools of Panama.

GOVERNMENT PUBLICATIONS FOR SALE.

The following were among the publications received in stock for sale by the Superintendent of Documents at Washington:

Far Eastern Markets for American Hardware (Foreign and Domestic Commerce Bureau of Miscellaneous Series 50).—An account of the methods of doing business, the pitfalls to be avoided, and a description of hardware articles specially designed for occidental needs. Price, 25 cents.

AUTOMATIC BLOCK SIGNALS.

In only one case out of 89,000 operations have the automatic block signals of the Southern Pacific, on the average, failed to give proper indication to the engineer in the cab. By failure is not that the engineer was not warned of danger, but rather that he was held back when the track was clear.

This remarkable record is brought in a report just prepared by signal engineer W. E. Boland of the Company covering a period of one year.

Boland's report reads "so faithful are the automatic block signals in their operations that, during the last year, failures have averaged only one in eighty-nine thousand and practically in all cases the worst that happened was to delay a train. Automatic block signals work on the principle of 'When in doubt, take the safest course,' which, in the case, is to stop. Their action is positive, and if anything goes wrong they will give a stop indication."

There are almost seven thousand automatic block signals in use on the Southern Pacific representing an investment of about four and a half million dollars. In 1916, they protected about seventy one million train operations.

STIRLING CITY, Butte Co., Cal.—S. Anderson of Oakland, who purchased the L. Snow timber holdings below Doon, on the Siskiyou branch of the Southern Pacific, has a crew of men erecting a mill.

ORLAND, Glenn Co., Cal. The old Odd Fellows' Building, one of Orland's historic landmarks, will be razed within the next few weeks to be replaced by a modern concrete business building.

The owner of the structure, Dan Sturm, has made definite arrangements for the new building, actual work on which will start within the next few weeks.

The walls of the new building will be of sufficient strength to permit of additional stories being added should occasion later arise.

OROVILLE, Butte Co., Cal.—Officials of the Pacific Gas & Electric Comhae announced that within the next two weeks they will start reconstruction on a larger scale of their plant at the foot of Huntoon street. The amount of money that will be involved in the undertaking is not announced.

The company, within another month, also will start tearing down its lighting system in the business district, replacing the present arcs with those of more modern design.

CONSTRUCTION BILLS AS PASSED BY LEGISLATURE.

Improvements and New Construction Provided For Many State Institutions in Bills Passed.

The following bills appropriating money for state construction have been passed by the State Legislature and construction will be ordered as soon as plans can be prepared and approved:

Bills Passed.

Stockton State Hospital, cottages	$ 45,000
Norwalk State Hospital, building	50,000
Norwalk State Hospital, three cottages	135,000
Stockton State Hospital, repairs	8,000
Stockton State Hospital, kitchen and bakery	15,000
Whittier School, trades bldg.	20,000
Whittier School, repairs	20,000
California School for Girls, trades building	8,000
California School for Girls, gymnasium	30,000
California School for Girls, equipment for buildings	6,000
California School for Girls	30,000
Total of bills passed	$654,368

Bills Recommmended By Ways and Means Committee.

Napa State Hospital, laundry	$ 6,000
Napa State Hospital, power power house	6,000
Napa State Hospital, elevators	10,000
Napa State Hospital, sewer system	10,000
San Quentin Prison, re-wiring	32,000
Feeble Minded Home, new construction and site	250,000
State Fair Grounds, agriculture pavilion	300,000
Preston School, repairs, etc.	10,000
Total of bills recommended	$624,000

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Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

In order to determine its practicability as a forest fire fighting tool, the Forest Service in California will supply a number of its patrolmen this season with a combination detachable shovel and hoe made to fit one handle. This tool, which is easily portable, it is hoped, will take the place of two separate tools, both heretofore considered essential in forest fire fighting.

In its campaign to make the National Forests in California accessible and inviting as recreation regions, the Forest Service is planning to spend $6,000 this summer in clearing the grounds and establishing camping places on the most traveled roads within the National Forests. The improvements planned include suitable sanitation equipment, and signs along the highways that will call attention of the public to the camps.

CAPITOL SHEET METAL WORKS BRANCHES OUT.

The Capitol Sheet Metal Works begs to announce that a larger company has been organized to be known as the Capitol Art Metal Company, which company has absorbed the Capitol Sheet Metal Works. The factory, which comprises 45,000 square feet, will be located at Richmond, Contra Costa County, Cal., with main offices in San Francisco.

In addition to the lines heretofore manufactured, the new company will make a specialty of the metal furniture line and of steel library stacks and other products.

Mr. G. A. Wieland and Mr. W. F. Aldrich will assume the active management of the new company.

EL CENTRO, Cal.—Improvements the the Imperial Valley's irrigation system in Lower California which will approximate in cost $1,000,000 before late summer are under way along the line of the Alamo Channel. This work is being done in furtherance of the accepted report of Anderson & Grunsky, consulting engineers of the irrigation district.

LINDSAY, Cal.—According to a report made public here, a movement is on foot to consolidate many of the irrigation districts which now receive their water supply from the Kaweah river, and to construct a dam at Three Rivers, costing approximately $8,000,000, for the purpose of impounding sufficient water at all times for all the companies. The project would also include a part of the Lindsay-Stratbmore irrigation district. As yet the details have not been worked out to the entire satisfaction of all concerned.

SACRAMENTO, Cal.—Supervisor McCormick of Solano County was a visitor to District Attorney Hugh Bradford's office to obtain legal advice for the advertising of bids for the steel work on the proposed bridge, connecting Sacramento and Solano Counties at Rio Vista. The two Boards of Supervisors are planning to build the bridge together, and wish to advertise at the same time for the steel contracts.

TRUCKEE, Nevada Co., Cal.—Work has commenced on the new sawmill to be run by R. Gracey at Deep Creek this summer. The capacity of the plant will be approximately 4,000,000 feet for the season. He also intends to ship out in the neighborhood of 5,000 cords of pulp wood to Floriston.

GRASS VALLEY, Nevada Co., Cal.—Father M. Kiely, of this city, acting for the parish at Buena Vista, has awarded the contract for a church in that neighborhood. For a number of years services have been held at the school house.

FIXTURE CONTRACT AWARDED.

Messrs. Wood & Simpson, Architects, have awarded a contract to the Fink & Schindler Company for furnishing mahogany fixtures for the first floor of the Santa Fe Railroad Company Building, Second and Market streets.

C. D. Willard, Cottonwood, Ariz., is in the market for second-hand iron pipe and fittings.

J. D. Gates, Jerome, Ariz., is in the market for a small refrigerating plant.

W. J. Peters, Secretary Recreation League, 634 Prospect St., Petaluma, Cal., is seeking a market for a quantity of waste paper.

MEASLES SWEEPING OVER CALIFORNIA.

Measles is more prevalent now than it has ever been in the history of California. During the first three months of this year, 5565 cases of the disease have been reported to the California State Board of Health, twice as many as were reported during the whole year of 1916. The disease is not confined to any one section of the State. It is sweeping through the big cities and the rural districts, from Shasta to San Diego, from the mountains to the sea. There is not a single county from which cases have not been reported, with the exception of some of the snow-bound districts in the high mountains.

Measles has a way of appearing in wide-spread outbreaks with more or less regularity. The last big epidemic in California was in 1915, when 13,-114 cases were reported to the State Board of Health. In 1914 there were 8852 cases and last year there were 4268 cases. The cases reported by months during 1917 are as follows: January, 1606; February, 3305; March, 3594.

Since measels is one of the most highly communicable of all infectious diseases, it is difficult to control. It is most easily contracted before the eruption appears and before the nature of the disease is recognized. It is not air-borne, but is spread by discharges from the mouth and nose in the very early stages of the disease. If all school children were to be examined each morning before entering school, and if all of those showing symptoms of common colds were excluded from attendance, it might be possible to keep the schools open during epidemics.

Measles is often fatal in children under five years of age and on this account, special protection should be given to very young children. It is a mistake to expose a child to the disease so that he may "get 'em and have 'em over with." The after results may affect the heatlth of the individual all through his life.

While the quarantine of measles is not required under the law, health authorities may isolate cases; in fact, isolation of cases is the only available method for the control of the disease. If parents and teachers were always to report cases that may come to their attention, as the law requires, measles would be much more easy to control. Health officers cannot well fight a disease like measles unless they know where it exists. The co-operation of parents and teachers in reporting is absolutely necessary if the children are to escape this common, but nevertheless serious, disease.

UNITED STATES CIVIL SERVICE EXAMINATION.

Subinspector, Electrical (Male). May 2, 1917.

The United States Civil Service Commission announces an open competitive examination for subinspector, electrical, for men only, on May 2, 1917, at the places mentioned in the list printed hereon. Vancancies occurring in the office of Inspector of Engineering Material at Boston, Mass., Brooklyn, N. Y., Schnectady, N. Y., Philadelphia, Pa., and Pittsburgh, Pa., at entrance salaries ranging from $3.60 to $5.04 per diem, and in positions requiring similar qualifications at any navy yard or other naval establishment of the United States will be filled from this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion. Certification for filling higher-salaried positions will be made from those attaining the highest average percentages in the examination.

In filling vacancies in navy yards and other naval establishments certification will be made of the highest eligibles examined in the vicinity of the place at which the appointee is to be employed, except that upon request of the department certification will be made of the highest eligibles on the register for the entire country who have expressed willingness to accept appointment where the vacancy exists.

The duties of the position cover the shop inspection and testing of all types of generators, transformers, motors, motor generators up to 300 kilowatts capacity, together with their controlling apparatus, and the appointee must be capable of making all calculations and deductions connected therewith.

The work of the subinspector will require travel and temporary location at the various manufacturing plants where contracts for the Navy Department are being carried out.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

Subjects.	Weights.
1. Theoretical and practical questions and calculations in electricity	60
2. Training and experience	40
Total	100

This examination is open to all male citizens of the United States who meet the requirements.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C., or to the secretary of the United States Civil Service Board, San Francisco, Sacramento, San Jose, etc. Applications should be properly executed, including the medical and county officer's certificates, and filed with the Commission at Washington in time to arrange for the examination at the place selected by the applicant. The exact title of the examination as given at the head of this announcement should be stated in the application form.

Issued April 3, 1917.

CARLILE P. WINSLOW APPOINTED DIRECTOR FOREST PRODUCTS LABORATORY.

WASHINGTON, D. C. Announcement is made by the Forest Service of the appointment of Carlile P. Winslow as Director of the Forest Products Laboratory, at Madison, Wisconsin, to succeed Howard F. Weiss, whose resignation took place April 1.

Mr. Winslow was graduated from the Sheffield Scientific School of Yale University in 1905, and entered the Forest Service in 1908. Since that time he has been engaged in research work in forest products. For the past four years he has acted as assistant to the Director of the Laboratory. His familiarity with the work of the Labortary and his knowledge of the problems to be studied have led to his selection as the successor of Mr. Weiss.

Before entering the Forest Service, Mr. Winslow was employed in general construction and engineering work. He is an expert on wood preservatives and has done considerable research work on this and allied lines.

CONSTRUCTION WORK ABROAD

CHINA.

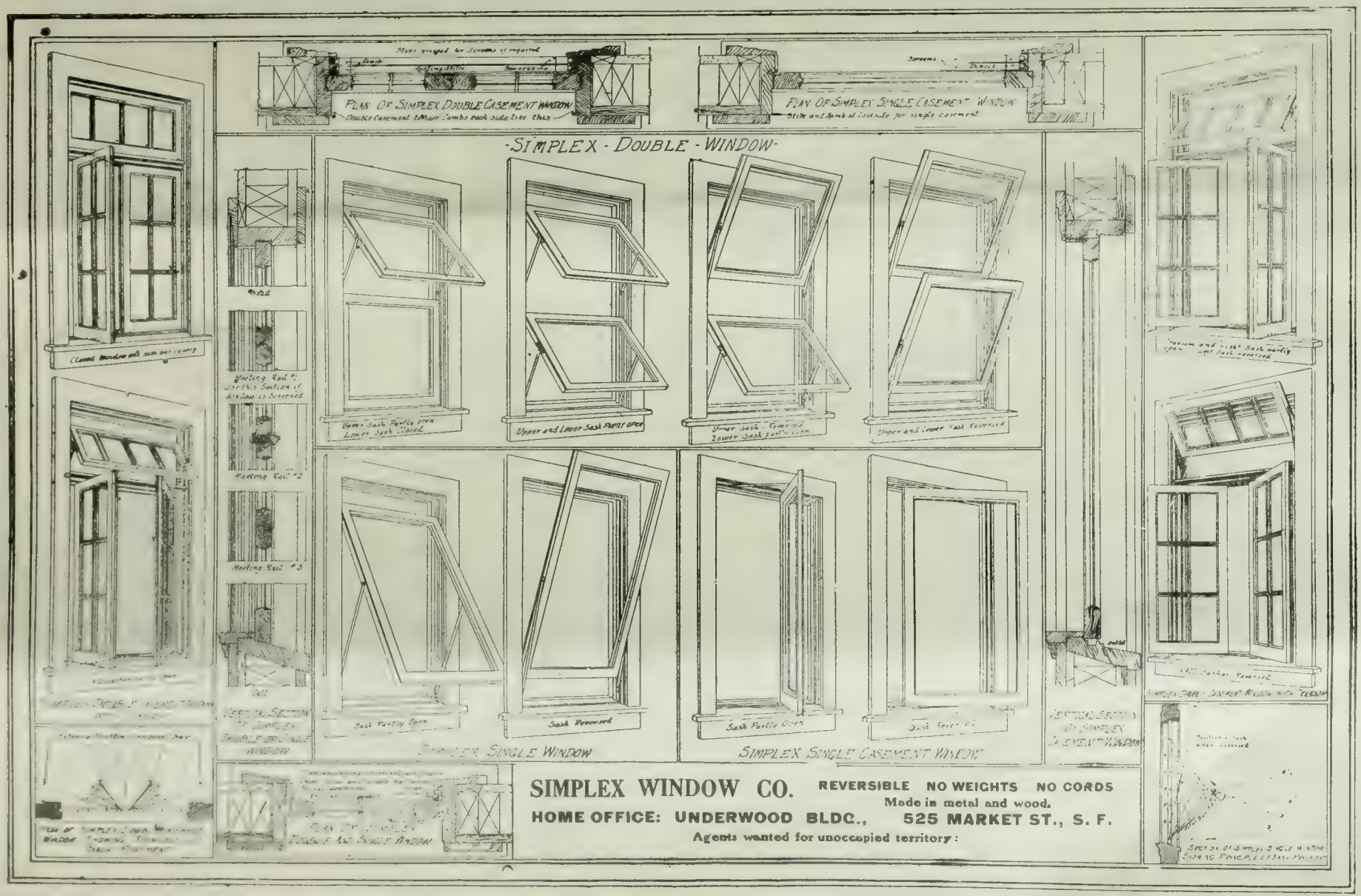
Public Improvements in Macao.

Public improvements on a rather extensive scale are being made in Macao, the Portuguese colony situated opposite Hongkong at the mouth of the Pearl River. It is contemplated to fill in extensive lowlands at the rear of the principal portion of the city with earth from near-by hills and to lay out such improved ground into roads and squares along modern lines. The original colony of Macao, the oldest of the sort in the Far East, was established much on the order of Chinese cities, with narrow, winding streets, many narrow and insanitary alleys, and little regard for the use of streets otherwise than by pedestrians, sedan chairs, or, on the level portions, jinrickshas. The Government is constructing the new portion of the city of Macao with comparatively wide, well-paved streets quite suitable for the use of motor cars.

The construction of a dry dock capable of taking medium-sized vessels was inaugurated some time ago, but has been delayed for lack of appropriations. Work has been resumed, and there is some promise of the enterprise being completed in the near future. Plans contemplated further dredging of the port for the accommodation of larger vessels and the safe passage of all vessels, some of which find it difficult at certain stages of water to enter and leave the port.

FOREST NOTES.

For the purpose of maintaining adequate supplies of fire fighting tools where most needed in the National Forests of California, the Forest Service recently placed orders for a supply of portable knockdown tool boxes or kiosks. These boxes, made of heavy galvanized iron, are practically indestructible. Each box is 6 feet long and 2 feet square and will hold 2 dozen or more tools, — such as shovels, axes, hoes, saws, rakes,— used in forest fire fighting. They will be placed at the cross roads and near towns and other strategic places in the Forests where fire fighting equipment may be needed at short notice. Each box is painted a conspicuous color and will be made noticeable by appropriate placards and signs.


PLAN OF SIMPLEX DOUBLE CASEMENT WINDOW
PLAN OF SIMPLEX SINGLE CASEMENT WINDOW
-SIMPLEX - DOUBLE - WINDOW-
Upper Sash Partly open Lower Sash closed
Upper and Lower Sash Partly open
Upper Sash Reversed Lower Sash partly open
Upper and Lower Sash Reversed
Meeting Rail #2
Meeting Rail #3
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SIMPLEX SINGLE WINDOW
Sash Partly Open
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Sure to Close Your Doors Without Slamming.

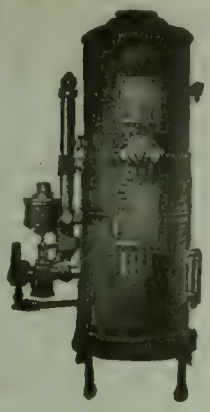
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8:00A	Concord, Diablo and Way Stations.
*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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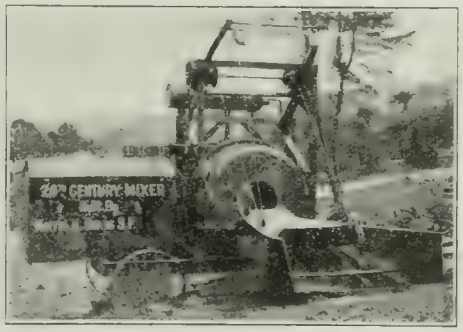
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

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UNIVERSAL MILITARY TRAINING.

By Chalmer Munday.

The present world war should teach the people of the United States many lessons. First of all that you must meet conditions as you find them and work out in practical life as far as possible the ideals which you hold, both as individuals and as governments.

Three years ago the average person in the United States did not believe a great war possible. No one in the world, perhaps, outside of the German general staff, thought it possible that all treaties would be absolutely disregarded and the worst practices of barbarism be deliberately planned. The average citizen here did not believe that the United States could become involved in a European war. Yet we have seen that the utmost forbearance of a patient people availed nothing, and the clever diplomacy of a great statesman could do nothing more than fix the burden of the blame.

Military men in all the allied governments, however, saw the inevitable trend of affairs. They saw the tremendous sacrifices that must one day be made on account of the unpreparedness of their countries and warned them against the impending disaster. Their warning fell on deaf ears. Thanks to the broad reaches of the seas and the preparedness of the British Navy this country has not been called upon to make the supreme sacrifice of her sons that has fallen upon the Fair land of France, nor to expend the tremendous supplies of the vital forces of the nation that have been exacted of the British people.

Poor little Belgium lies prostrate in the dust. Her quarrel was just, if ever there was a righteous cause, but even that did not suffice to supply her protection against the ruthless invader. When treaties are but scraps of paper and there is no law and no policeman, then the only protection to society in her fighting men and her organized industries to back them.

President Wilson has well expressed the ideals of this government in its international relations in his great war message. Equality and equal opportunity are likewise the ideals of its citizens. How best to obtain these is the practical end of statesmanship. And in the light of human history and recent events must the problem be solved if any nation would continue to work out its ideals and avert disaster.

Ever since the commencement of this war thinking people have advocated some sort of universal military training. Every thinking man knows that universal military service is the only just means of sharing the obligations of citizenship. Our forefathers fought for the equal burden of taxation. Military service should be part of the burden of every citizen so that he who is a patriot and gives of his blood and his fortune that the country may endure, may not be robbed of his birthright by the slacker and the traitor at heart.

We have all seen how unpreparedness invites disaster. The fair land of France is a desolation, sodden with the blood of her bravest sons, and Belgium is an object of pity for the world. The United States is yet unscathed by the ravages of war only because these nations were partly prepared, and because they had men capable of becoming officers such that an army was soon prepared. England held the breach by her great navy and we are allowed to wrangle over means and methods of meeting the emergency for a period of years. If we had been prepared it is doubtful if Germany would have provoked a war with us by her ruthless submarine warfare.

What the advocates of Universal military training seek is such training for the youth of the land that they will be efficient soldiers or defenders of the nation and of the rights of humanity when called upon. Some system similar to the Swiss republic, that will place an equal burden upon all citizens; that will take a minimum amount of the youth's time in actual service; that will not deprive him of his equal opportunity in business or in his chosen profession in life; a system that will teach him to take care of his body; a system that will train his mind and his body in an orderly manner; a system that is co-ordinated and unified throughout the nation and will make of every able-bodied man an efficient defender if he is ever called upon, and will prevent the tremendous waste that is incident to all abortive attempts to supply an army on short notice. This the the practical way to protect a democracy. Universal military service where all equally share the burden the same as in taxation. Uniform training in the schools such that it fits into the military requirements when the youth takes his place as a soldier or is assigned to some department of the organized industries. An equal and uniform requirement of all citizens in the matter of service, so each has an equal opportunity so far as it can be practically worked out. Under such conditions can we maintain our dignity and self respect and perform our common duty to the cause of humanity.

The nations of the world, its democracies, are now expending their blood and treasure to do away with despotism and its sole support, militarism. It is devoutly to be wished that the result will be soon obtained and that a concert of nations will be attained such that armaments will be practically unnecessary. It is probable that a military oligarchy like that of Germany will not soon arise. But the

trained nation, like the trained man, is at all times able to protect itself, and like the athlete also, is in better health and lives longer as a result of the training.

RECRUITS WANTED FOR ENGINEERING CORPS.

Men skilled in civil engineering and similar occupations wanted in the Engineer Enlisted Reserve Corps of the United States Army for war service. Skilled laborers, mechanics and artisans, miners, surveyors, draftsmen, lithographers, boatmen, electricians, and others engaged in engineering or mechanical lines in civil life wanted for enlistment in the Engineer Reserve Corps of U. S. Army. The War Department desires to secure immediately a large enrollment of enlisted men in this Corps, and suitable men are urged to make application either by mail or in person to one of the followings offices:

District Engineer Officer, 204 Pine St., San Francisco, Cal.

District Engineer Officer, Third District, 405 Custom House, Son Francisco, Cal.

It is vitally necessary that the Corps of Engineers for war service be recruited from the men who in civil life are skilled in engineering professions and trades. There is no time to train engineer soldiers after war has begun.

Very truly yours,
EDW. BURR,
Colonel, Corps of Engineers, Department Engineer, Western Department, U. S. A.

STATE TENEMENT HOUSE ACT KILLED.

SACRAMENTO, Cal., Apr. 20, 1917—That there are more ways than one to kill a bill was shown in the House in the fight over the Harry Wishard measure, amending the State building laws. The measure provides for public safety in buildings and had reached the House floor after a perilous trip through committees and conferences and had withstood considerable amendment operations.

When it came for third reading, Assemblyman Friedman of San Francisco tacked in an amendment to provide that the law would not apply to cities and counties having a building department. This would exclude every city in the State where permits are required to construct any building, and, of course, kill the bill.

Wishard voted against the amendment in a standing vote and when it was announced that the amendment was carried it was impossible for him to change his vote. Finally Henry Hawson gave notice he would move to reconsider the vote by which the amendment was adopted.

COURT CONFIRMS SALE.

SACRAMENTO, Cal., Apr. 20, 1917—J. M. Henderson's big purchase of the William Land Building at Seventh and K streets, for $225,000 has been confirmed by the Court, and the affairs of the large estate will be closed up within the next three weeks. With the distribution of the money, the citizens of this city will receive the $250,000 Land bequest which will be used for the establishment of a William Land Memorial Park.

J. M. Henderson will erect a large Class "A" bank and office building on the Land property at Seventh and K streets.

FAVOR STATE HOME IN SOUTH.

SACRAMENTO, Cal., Apr. 20, 1917—An appropriation of $250,000 to establish an institution in one of the Southern California counties for the care, training and instruction of feeble-minded and epileptic persons and for the study of mental deficiency has been approved by the Assembly. The bill carrying the appropriation was introduced by Assemblyman Ambrose of Los Angeles.

FAVOR HOME FOR INEBRIATES.

SACRAMENTO, Cal., Apr. 20, 1917—Senator Crowley's bill appropriating $100,000 for the construction of a special hospital for inebriates and drug fiends, came to the Senate with a favorable recommendation from the Finance Committee.

The measure by Crowley of San Francisco, is designed to provide a place where special treatment may be given inebriates or drug fiends.

Instead of sending them to an asylum the proponents feel more good can be done by placing them in a hospital where proper medical attention may reclaim them.

NEW USES FOR PORTLAND CEMENT.

A new and remarkable method for waterproofing and cement-finishing rough form concrete structures is being demonstrated on the building occupied by the American Auto Painting Co., located at the southwest corner of Van Ness avenue and Eddy street. Willis Polk & Co., architects.

In order to obtain a similar finish on a rough concrete wall under the old method, it is necessary to plaster the surface, while under the methods employed in this process, the cement is in liquid form and applied with a brush.

The Imperial Company, located at 183 Stevenson street, whose materials (Imperial Waterproofing and Likwid Sement) and method are being used in doing this work, is creating considerable stir in the various building fraternities.

It behooves everyone interested in construction work to examine this building within the next few days while the work is under way. It is a practical demonstration of the many uses to which Portland cement can be applied when in liquid form.

Another attractive building recently finished with these same materials and method is the new Casino Theatre, located at Ellis and Mason streets.

REPRINT PORTION OF MINUTES OF SAN FRANCISCO CHAPTER A. I. A., HELD MAR. 1, 1917.

The following resolution was passed:

In The Matter of The "Architect and Engineer."

A letter, a copy of one sent by Mr. F. W. Jones, editor of the Architect and Engineer, to the Southern California Chapter A. I. A. relative to various matters in which the San Francisco Chapter A. I. A. was interested and particularly to the State Building Competition, was read by Mr. W. B. Faville. The following resolution was offered by Mr. William Mooser and unanimously carried:

WHEREAS, Mr. F. W. Jones, editor of the Architect and Engineer, has sent a defamatory and threatening letter to the Southern California Chapter A. I. A., casting reflections on the integrity of the conduct of the State Building Competition and threatening reprisals on this San Francisco Chapter on account of its having made another publication its official organ; therefore be it

RESOLVED, That the conduct of Mr. F. W. Jones in sending said defamatory and threatening letter, be and is hereby severely condemned; and furthermore be it

RESOLVED, That copies of this resolution be sent to those interested in the building industry, also to the General Contractors' Association, Builders' Exchange and to all kindred associations and to the San Francisco branch of the American Society of Civil Engineers, and also to the Southern California Chapter, the Oregon Chapter and Washington State Chapter of the American Institute of Architects.

Reprint Portion of Minutes of Southern California Chapter A. I. A. Held March 13, 1917.

Communications were next read as follows:

From San Francisco Chapter A. I. A., a telegram with further reference to letter received from the Architect and Engineer by F. W. Jones; the following resolution was passed:

WHEREAS, A copy of resolution recently passed unanimously by the San Francisco Chapter condemning Mr. F. W. Jones, editor of the Architect and Engineer, for having written a letter to this Chapter in which certain defamatory and threatening statements were made regarding members of the San Francisco Chapter in their connection with the San Francisco State Building Competition, was received and read; be it

RESOLVED, That this Chapter unanimously and heartily concurs in the action taken by the San Francisco Chapter concerning the said communication; and furthermore be it

RESOLVED, That a copy of this resolution be sent to the San Francisco Chapter.

(SIGNED)
J. E. ALLISON, President.
A. R. WALKER, Secretary.

GOVERNMENT PUBLICATIONS FOR SALE.

The following were among the publications received in stock for sale by the superintendent of documents, at Washington, during the week ended April 7:

Manufacture and Properties of Sand-Lime Brick (Standards Bureau Technologic Papers 85).—Illustrated description of the essential steps in the process of making a common building material of general importance. Price, 10 cents.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $12,000. Architect, Ernest Hildebrand, Crocker Bldg., S. F. Owner's name withheld. Location not given. Will contain a number of two, three and four room apartments. Plans are being prepared.

OAKLAND, CAL.—Apartment house 3 story and base, frame, $30,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mr. Prenviille. Location, southeast East 12th street and First avenue. Will contain a number of three and four room suites. Plans complete and figures being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Apartment house, 2 story and base, frame, $30,000. Architect, Chas. S. McKenzie, Bank of San Jose Bldg., San Jose. Owner, Mitchell Phillipis. Location, opposite St. James Park. Will contain sixteen apartments of two, three and four rooms. Plans complete and figfiures being taken.

VALLEJO, SOLANO CO., CAL. — Apartment house, 2 story and base, frame, $7,000. Architect, none. Owner, Wade H. Madren, Vallejo. Location, Carolina and Sutter streets. Will contain four apartments of three rooms and bath. Plans are being prepared and work will be done by Day Labor.

HANFORD, KINGS CO., CAL. — Apartment house, 3 story and base, brick, $50,000. Architect, James J. Donnellan, Albany Bldck, Oakland. Owner, A. Rutherford. Will cover an area of 75 by 150 feet and will be arranged for three stores and a number of two and three room apartments. Plans are being prepared.

BUTTE, MONT.—Apartment house, 5 story and base, reinforced concrete, $150,000. Architect, Jesse M. Warren, Daly Bank Bldg., Butte. Owner's name not given. Will contain a total of 53 apartments of four and five rooms. Plans complete and figures being taken.

PASADENA, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, frame and plaster, $14,000. Architects, Merriman & Neighbors, Story Bldg., L. A. Owner, A. W. Hookstratten. Location, South Paso Robles near Center, covering an area of 53 by 90 feet. Will contain ten apartments of two rooms each. Plans are being prepared.

LANCASTER, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architects, J. M. Cooper and W. Douglas Lee, Marsh-Strong Bldg., L. A. Owner's name not given. Will cover an are of 50 by 153 feet and contain stores on the first floor and a number of apartments above. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction. Cost not stated. Architect, E. C. Wiseman, Title Guarantee Bldg., L. A. Owner, Frank E. Ruben. Location, Lake near 11th street. Will contain a number of two, three and four room suites. Plans complete and work to be done by Day Labor.

SEATTLE, WASH. — Apartment house, 3 story and base, briick. Cost not stated. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner, W. P. Rafter. Location, Second avenue north Prospect, covering an area of 42 by 140 feet. Will contain fourteen apartments of two and three rooms. Plans complete and figures being taken.

BONDS.

COALINGA, FRESNO CO., CAL.—The Trustees of the Coalinga Union High School Disitrict have decided to call an election to vote bonds of $100,000 for the purchase of sites and the erection of new school buildings.

TUCUMCARI, N. M.—An election wiill be held in Quay County on June 9, to vote on a proposal to issue bonds in the sum of $94,000 for constructing roads in the county.

SANTA BARBARA, SANTA BARBARA CO., CAL.—The City Water Commiission has reported in favor of a bond issue of $590,00 for completion of the municipal water system. This includes $500,000 for construction of dam at Gibraltar site, containing 47,000 cubic yards of concrete; $46,500 for pipe line to Mission Ridge reservoir, and $40,000 for construction of Mission Ridge reservoir.

CLOVIS, FRESNO CO., CAL.—The $25,000 grammar school bond issue has carried and a new buiilding will be erected from the proceeds of the sale.

REDDING, SHASTA CO., CAL.—May 11th is the date set to vote bonds of $575,000 wiith which to complete work on the Anderson-Cottonwood Irrigation District.

PALO ALTO, SANTA CLARA CO., CAL.—Bids for the purchase of the $200,000 bond issue of the Palo Alto School District are being taken by County Clerk Henry A. Pfister. Plans for the building to be erected from the proceeds of the sale have been prepared by Architects Allison & Allison, Hibernian Bldg., Los Angeles. Construction will be of reinforced concrete or brick. Walter H. Nichols is the principal of the high school.

BRIDGES AND DAMS.

SEATTLE, Wash.—Contract for dredging, filling, and bulkhead work for dock for Oregon - Washington Railway & Navigation Co. has been awarded to Puget Sound Bridge & Dredging Co., Central Bldg., Seattle.

CLIFTON, Greenlee Co., Ariz.—Bids will be received by the Board of Supervisors up to 10 A. M. of May 7, for constructing a hinge steel arch bridge 312 feet long, across the Gila river, in Greenlee county, together with three steel deck girder approach spans with steel vents, piers and abutments. Plans and specifications may be obtained from the office of the State Engineer, Capitol Building, Phoenix, and at the office of the Board upon payment of $5. Certified check for 10% required. A. L. Torry is the Clerk.

VENTURA, Ventura Co., Cal.—Bids will be received by the Board of Supervisors up to 11 A. M. of May 3, for constructing a reinforced concrete bridge across the Southern Pacific main line near Hasson. The work will involve approximately 116 cu. yds. of Class A concrete; 39 cu. yds. of Class B concrete; and 18,275 lbs. reinforcing steel. Plans and specifications are on file at the office of the highway commission from whom copies may be obtained. J. B. McClosky is Clerk of the Board.

FAIRFIELD, Solano Co., Cal. — County Clerk G. G. Halliday will rebids up to May 7th, 10 A. M., for the furnishing and delivering of the structural steel, machinery and all steel materials for the steel highway Bascule bridge to be erected over Sacramenta River at Rio Vista, Cal., said bridge to be built jointly by the Counties of Sacramento and Solano.

Certified check of 10% made payable to Chairman of the Board of Supervisors of **Sacramento County.**

Plans may be had from the County Clerk at Fairfield.

SAN JOSE, Santa Clara Co., Cal.—The County Supervisors will receive bids up to May 21st, 11 A. M., for the construction of a reinforced concrete bridge on Ross avenue over Ross creek in Supervisor District No. 4. Bids will close on the same date for the construction of a reinforced concrete bridge over Los Gatos Creek at Wright's Station.

Plans may be had from the County Clerk at San Jose.

(13831) 1st report Feb. 6, 1917 (14640) 2nd report Mar. 20, 1917.

EUREKA, Humboldt Co., Cal.—Chas. M. Taylor is in Eureka securing bids for the construction of a wharf and trestle for the Rolph Shipbuilding Co. of Eureka. The wharf will be 500 feet long and is estimated to cost $25,000.

RICHMOND, Contra Costa Co., Cal. —John Nicholl of Richmond heads an English syndicate known as the Nicholl Terminal Holding Co., which will expend $5,000,000 in the construction of docks on the Richmond harbor. Nicholl is President of the company with B. J. Dixon as Vice President and Attorney M. R. Jones as Secretary.

The holding company will lease to the syndicate for a long period 240 acres of Richmond water-front lands belonging to John Nicholl, W. G. Henshaw, A. S. Macdonald and the Crooks estate.

The British syndicate has established big docks at Havana and at other big ports.

SACRAMENTO, Cal.—Bids will be received by the California Highway Commission, 515 Forum Bldg., Sacramento, up to 2 P. M., May 14th, for the construction of three reinforced concrete bridges in Siskiyou County, across Little Castle Creek, Greenhorn Creek and Yreka Creek, being respectively 84 feet long, 60 feet long, and 42 feet long.

Also for the paving with Portland cement concrete in Solano County, the highway between the westerly boundary and Cordelia (III-Sol-8-A) the distance being about 3.5 miles.

For the paving with Portland cement concrete in Alameda County, the highway between Santa Rita and Dublin (IV-Ala-5-B) about 3.2 miles long.

For grading about 2.9 miles of highway in Santa Barbara County, between Las Cruces and Gaviota Pass (V-S. B.-2-E)

And for the paving with Portland cement concrete the highway in Los Angeles County between Castaic and Castaic School (VIII-L. A.-4-A) being about 4.1 miles in length..

Plans may be had from the Division Engineers, Rialto Bldg., San Francisco and at Los Angeles.

OLYMPIA, Wash.—Bids have been called for by the State Highway Commission, James Allen, commissioner, Olympia, to be opened on May 14th for the construction of 41 miles of state highway and five bridges.

The improvements included in the present notice call for the following:

Clearing, grading, draining and surfacing of 7 miles of the Olympic Highway from McCleary easterly in Grays Harbor and Thurston counties.

Clearing, grading and draining of 4 miles of the National Park Highway between Nema and Nasel river in Pacific county, 4 miles of the Pacific Highway from Bellingham south in Whatcom county.

Grading, draining and surfacing of 6 miles of the Inland Empire Highway from the east end of Permanent Highway No. 5 through Benton City and Kiona in Benton county.

Clearing and grubbing of 12 miles of the Olympic Highway northwest of Lake Quinault in Grays Harbor and Jefferson counties.

Surfacing with gravel or crushed rock about 8 miles of the Olympic Highway from Mud Bay westerly in Thurston county.

Bids will also be opened at the same time for the construction of a 160 foot steel or timber truss over the Coweman river in Cowlitz county; two 105 ft. and one 160 ft. steel or timber trusses over the Kalama river in Cowlitz county and two concrete arches 50 ft. long over Union Flat creek on the Inland Empire Highway in Whitman county.

SAN FRANCISCO—Reconstructing pier. Cost not stated. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Bids will be opened on April 26th at 11 a. m. for reconstructing Pier No. 46. Plans can be secured from the Secretary of the State Board of Harbor Commissioners, Ferry Bldg.

SAN FRANCISCO—Briidge. Cost not stated. Engineer, none. The War Department has refused permission to construct any type of a bridge over San Francisco Bay north of Hunter's Point. The department recommends a tunnel under the bay, but would permit the construction of a high level bridge with clear spans of 1,800 feet and a minimum height of 210 feet at any point south of Hunter's Point.

Contract Awarded.

SEATTLE, Wash.—Sub bids are being taken by Booker, Kiehl & Whipple, 507 Central Bldg. Seattle, for the erection of the sub-structure for the Eastlake bridge over the Lake Washington Canal for about 1,000,000 feet of lumber to be used in form work and between 15,000 and 20,000 cubic yards of sand and gravel.

The contract for the cement has been awarded to the Superior Portland Cement Co. and steel to the Trussed Concrete Steel Co.

(11154) 1st report Aug. 25, 1916; 4th

CHURCHES.

VALLEJO, SOLANO CO., CAL.—Church, 1 story and base, brick, $18,000. Architect, L. M. Turton, Napa. Owners, Methodist Church. Location, Virginia street. Will contain a large main auditorium, Sunday school rooms and social hall. Plans are being completed.

FERNDALE, HUMBOLDT CO., CAL.—Church, 2 story and base, frame, $10,000. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Congregational Church. Will contain an auditorium and Sunday school rooms. Hot air heating system. Plans complete and figures being taken.

KINGSBURG, FRESNO CO., CAL.—Church, 1 story and base, brick, $10,000. Architect, Anton Johnson, Kingsburg. Owners, Swedish Lutheran Church. Location, Draper street. Main auditorium will seat 350 people. Sunday school room and social hall. Plans are being prepared.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—Church, 1 story and base, hollow tile, $10,000. Architect, G. A. Howard, Jr., Investment Bldg., L. A. Owners, Christian Science Church. Will cover an area of 86 by 90 feet and contain an auditorium and reading rooms. Plans are complete and figures being taken.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Church alterations, 2 story, brick. Cost not stated. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, First Methodist Church. Work will consist of interior and exterior alterations. Plans are complete and figures being taken.

TUSCON, ARIZ.—Church, 2 story and base, brick, $25,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Roman Catholic Church. Will contain main auditoriium and Sunday school rooms. Plans are being prepared.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Warehouse, 4 story and base, brick and steel, $100,000. Architect, Frederick H. Meyer, Bankers Investment Bldg., S. F. Owners, Union Iron Works. Location, 20th and Illinois streets, covering an area of 212 by 50 feet. Plans complete and figures being taken. A contract for the structural steel work awarded to Western Iron Works.

SAN FRANCISCO—Factory, 3 story and base, reinforced concrete, $31,000. Architect, Milton Litchenstein, 111 Ellis street, S. F. Owners, S. and A. Gump. Location, southwest Pacific and Trenton streets, covering an area of 56 by 137½ feet. Plans complete and figures being taken.

ALAMEDA, ALAMEDA CO., CAL.—Shop building, 1 story, steel and brick, $33,000. Architect, F. Neitzel, Union Iron Works, S. F. Location, Webster street. Plans are complete and a contract to be awarded.

STEGE, CONTRA COSTA CO., CAL.—Office building, 2 story, frame, $6,000. Architect, Chester H. Miller, First Savings Bank Bldg, Oakland. Owners, California Cap Co. Designed for an office building at the factory plant. Plans complete and figures being taken.

STOCKTON, CAL.—Grain elevator, reinforced concrete, $30,000. Engineer, Maurice Couchot, 110 Sutter street, S. F. Owners, Sperry Flour Co. Will consist of four circular cylinders having a total storage capacity of 109,000 bushels. Plans are nearly complete.

WATSONVILLE, SANTA CRUZ CO., CAL.—Packing house, 1 story, frame and brick, $25,000. Architect's name not given. Owners, Corralitos Fruit Growers' Association. Will cover an area of 160 by 200 feet. Plans are being prepared.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Factory, 2 and 3 story, brick or concrete, $75,000. Architect, J. Corbley Pool, Bothin Bldg., Santa Barbara. Owners, Santa Barbara Olive Association. Location, Oak Park, covering areas of 80 by 100 and 60 by 40. Plans complete and figures to be taken on approval of plans.

Contract Awarded.

VALLEJO, SOLANO CO., CAL.—Milling plant floor construction. Cost not stated. Engineer, Maurice Couchot, 110 Sutter street. Owners, Sperry Flour Co. Contractors, Worswick Construction Co., Vallejo. Contract calls for constructing 77,000 square feet of floors.

EMERYVILLE, ALAMEDA CO., CAL.—Factory buildings, 4, 1 and 2 story. Class C construction, $84,000. Engineer, L. S. Rosener, Insurance Exchange Bldg., S. F. Owners, Paraffine Paint Co. Contractors, Clinton Construction Co., 140 Townsend Et., S. F. Contract price, $84,000.

SEATTLE, WASH.—Foundry and machine shops, 1 and 2 story, brick and concrete. Cost not stated. Architect, Karl H. Scheel, Normandie Apts., Seattle. Owners, National Engineering and Equipment Co. Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price not stated.

FIRE HOUSES AND JAILS.

SACRAMENTO, CAL.—Jail alterations. Cost not stated. Architect, none. Owners, Sacramento County. Bids will be opened on May 7th at 10 a. m. for minor alterations to the west side of the present jail building. Plans can be secured from the County Clerk.

FAIRFIELD, SOLANO CO., CAL. Jail construction and repairs. The Grand Jury has recommended the construction of a new branch county jail building at Vallejo and the repairing of the present ones throughout the county. A new county hospital building is also asked for to be erected on the site of the present building at Tolenas.

Contract Awarded.

FRESNO, FRESNO CO., CAL.—Fire house, 2 story and base, brick, $14,200. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, City of Fresno. Contractor, D. A. Cowan, 415 Glenn street, Fresno. Contract price, $14,200.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,000. Architect, none. Owners, Anderson — Johnson, 47-A Landers street, S. F. Location, west 23rd avenue south California. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, $5,000 and $6,000. Architect, L. Traverso, 854 Union street, S. F. Owners, Paganini Bros. Location, southwest Stockton and Lombard streets, covering areas of 42 by 78 and 40 by 60. Will contain stores and four flats. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flat alteration, 2 story, frame, $3,500. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Location, Greenwich street near Leavenworth. Work will consist of interior and exterior alterations. Plans are being prepared and when complete work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architect, none. Owners, Co-operative Home Building Co., 1125 Fillmore street, S. F. Location, south Oak east Cole, covering an area of 25½ by 62 feet. Will contain four flats. Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL.—Flats, 2, 2 story and base, frame, $17,000. Architect, S. Gitelson, 225 East Hillcrest Boulevard, Monrovia. Owner, Rachael Gitelson. Location, West 40th Place. Will contain eighteen rooms arranged for four flats. Plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL.—Flats, 2, 2 story and base, frame, $20,000. Architect, San Neighbors, Story Bldg., L. A. Owner, W. A. Geller. Contractor H. L. Childs, Citizens National Bank Bldg., L. A. Contract price, $20,000.

GARAGES.

SAN FRANCISCO—Sales rooms and garage, 2 story and base, brick, $27,000. Architect, M. J. Lyons, Lick Bldg., S. F. Owner, Ignatz Steinhart. Location, west Van Ness avenue south California, covering an area of 60 by 124 feet. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, none. Owner, George N. Hillwig, 3744 Viola street, L. A. Location, 2931 Stephenson avenue, covering an area of 50 by 130 feet. Plans complete and work to be done by Day Labor.

PORTLAND, ORE.—Garage, 3 story and base, reinforced concrete, $40,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Frazier & McLean. Location, southeast 5th and Taylor streets, covering an area of 100 by 100 feet. Plans are being prepared.

Contract Awarded.

SEATTLE, WASH.—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, Charles Haynes, Mehlhorn Bldg., Seattle. Owner, A. Schlossmacher, leased to Central Agency Co. Contractors, MacRae Bros., Empire Bldg. Contract price not stated.

LOS ANGELES, CAL.—Garage, 1 and 2 story and base, brick and steel, $10,000. Architect, F. E. Clayberg, 520 Brent street, L. A. Owner, Harry G. Pendell. Contractor, F. E. Clayberg. Contract price not stated.

GOVERNMENT WORK & SUPPLIES.

Reclamation Work.

The Secretary of the Interior has authorized the Reclamation Service to execute contracts for earthwork and structures, Ft. Laramie Canal, North Platte irrigation project, Nebraska-Wyoming:

Schedules 1, 2, 3, 4, and 6 are let to Winston Bros. Co., of Minneapolis, Minn. This contract involves the excavation of 1,148,700 cubic yards of material, 493,000 cubic yards of overhaul, the placing of 1,375 cubic yards of concrete, 114,000 pounds of reinforcing steel, 6,000 pounds of structural steel, 2,300 square yards of grouted paving and 3,800 cubic yards of backfill, and erecting superstructure of two bridges. Contract price, $217,845.

Schedules 5 and 7 are let to MacArthur Brothers Company, of New York City. The work involves the excavation of 1,125,500 cubic yards of material, placing 1,825 cubic yards of concrete, 160,000 pounds of reinforcing steel, and 30,000 pounds of structural steel, and erecting superstructure of 12 bridges. Contract price, $243,966.25.

Canal Structures.

The following bid was received by the U. S. Reclamation Service, Ft. Shaw, Mont., on March 29 for canals and structures on Sun River project, Montana:

Hayden Bros., 816 First National Bank Building, Great Falls, Mont., $38,502.50; schedule 1, $11,201.90; schedule 2, $13,512.10; schedule 3, $13,788.50.

Helena, Mont., Repairs and Painting.

Emil Grohne, Joliet, Ill., has been awarded the contract for repairs and painting at the U. S. assay office, Helena, Mont., at $4,334; work to be completed in 90 days.

Willows, Cal., Plaster Models.

The following bids were received by the supervising architect, Treasury Department for furnishing plaster models for the U. S. post office at Willow, Cal.:

All of the bidders are located in San Francisco:

Dackert & Cotal, $430.

Steve Miletin, $481

Mora & Gregoire, $568

Thomas Gorsuch, $1,124

Jules Hogg, $1,175

La Grand, Ore., Repairs.

The bid of Frank E. Oxner, $1,790 in amount, has been accepted for making repairs to the U. S. post office at La Grand, Ore.

HALLS AND SOCIETY BUILDINGS.

YREKA, SISKIYOU CO., CAL. — Lodge hall alterations, 2 story, brick, $10,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Odd Fellows' Hall Association. Work will consist of interior partitions, new store fronts and electric work and plumbing. Plans are being prepared.

SPOKANE, WASH.—Lodge hall 4 story and base, brick and steel, $200,000. Architects, Houghtaling & Dougan, Henry Bldg., Portland, Ore. Owners, Spokane Elks' Hall Association. Will cover an area of 75 by 100 feet. First floor arranged for stores and upper floors for lodge halls and offices. Plans are being prepared. .

HOLLYWOOD, LOS ANGELES CO., CAL.—Lodge hall, 2 story and base, brick. Cost not stated. Architect, H. W. Glidden, Wright and Callender Bldg., L. A. Owners, Hollywood Masonic Hall Association. Will contain stores and lodge hall. Plans are being prepared.

HOTELS.

YOSEMITE, VALLEY, CAL.—Resort hotel, 3 story and base, stone and timber. Cost not stated. Architect, Edwin J. Symmes, Pacific Bldg., S. F. Owners, Desmond Park Service Co. Will contain 200 rooms, about 80 per cent of which will have private baths. Work will be started as soon as the snow leaves the valley.

MARYSVILLE, YUBA CO., CAL. — Hotel addition and alteration, 3 story, brick, $25,000. Architect, August G. Headman, Call-Post Bldg., S. F. Owners, Western Hotel Co. Will cover an area of 75 by 120 feet. One story will be added and the present building altered into a modern hotel. Work will include plumbing, plastering, electric work, painting and carpentry. Plans are complete and will be ready for figures shortly.

HOSPITALS.

SALEM, ORE. — Hospital, 3 story and base, brick and hollow tile, $125,000. Architect, Robert F. Tegen, Morgan Bldg., Portland. Owners, Salem Hospital Association. Will cover an area of 42 by 166 feet with a wing 42 by 52 feet. Plans are complete and bids will be called for shortly.

IRRIGATION PROJECTS

CALEXICO, Imperial Co., Cal.—The Black Butte Development Company has awarded contracts for canal excavation on its property about 25 miles southesat of Calexico, as follows: Lee Little, of Calexico, 21½c yd., 65,000 to 70,000 cu. yds.; Fernando Rios of Mexicali, 15c and 17c yd., about same amount. J. C. Allison, 219 Anderson Bldg., Calexico, is Consulting Engineer.

POWER PLANTS.

ASTORIA, Ore.—Bids received by the Astoria Water Commission for the construction of a distributing system and for the construction of a 20,000,000 gallon capacity reservoir show the following as low bidders:

Distributing System.

Edw. Sandeberg, Portland, $55,966.90

Reservoir.

M. P. Zendorf, Seaview, Wash., $125,922.05.

COLUSA, Colusa Co., Cal.—The City Trustees are planning a municipal lighting plant. Lighting plants in several cities have been inspected by the Colusa Trustees with the intention of establishing one in Colusa.

BAKERSFIELD, Kern Co., Cal.—The San Joaquin Light & Power Corporation is preparing to add a new unit, costing $150,000, to the Kern river hydro-electric plant northeast of Bakersfield. W. E. Durfey is assistant manager of the corporation, whose office is in Fresno.

SAN DIEGO, San Diego Co., Cal.—Plans for the protection of the Upper Otay Dam from floods are being prepared by City Engineer George Cromwell. Coping is to be constructed on each side. The capacity of the Spillway will be doubled.

The Santa Barbara Water Commission has asked the City Council to call a bond election to vote bonds in the amount of $590,000 to complete the city's water supply system.. This work will include the completion of the Gibraltar Dam; construction of a reservoir; a concrete lined tunnel; pipe lines, and other structures.

Edward R. Bowen and J.. B. Lippincott, Santa Barbara, are the engineers in charge. The entire cost is estimated at $604,750, including the interest on the bonds.

Contract Awarded.

COALINGA, Cal.—Following contracts have been awarded for parts of municipal water system: Furnishing pipe to American Cast Iron Pipe Co., prices ranging from $0.663 per ft. for 4-inch to $1.895 per foot for 10-inch. Construction of steel tank and 100-foot tower, Western Pipe & Steel Co. for $10,650. Furnishing valves to Kennedy Valve Manufacturing Co. for $1792.46.

RAILROAD CONSTRUCTION AND EQUIPMENT

John Spargo, 240 Montgomery street, San Francisco, has been awarded the contract for furnishing and erecting concrete trolley poles for the Church Street Municipal Railway, ,by the San Francisco Board of Public Works. The contract price is $16,306.

MARYSVILLE, Yuba Co., Cal.—The City Council has ordered the Northern Electric Railway and the Southern Pacific Railroad to install grooved rails on all streets that are now ready for paving.

The order to the Northern Electric specified Eighth street between F and High streets and F street between Eighth and Twelfth streets, the curve at the intersection of Sixth and C streets and the intersection at Sixth and B streets.

The Southern Pacific was ordered to lay grooved tracks at E and Tenth and Ninth and F streets.

GLOBE, Arizona—Surveys are under way for the construction of an electric railroad between Globe and Miami, a distance of 11 miles, for the Globe-Miami Electric Railway Company, recently incorporated. Work will commence within sixty days. Among the incorporators are Harvey T. Lynch of Independence, Ia., as President and Edgar Sultan of Miami.

SACRAMENTO, Cal.—Charles McKillip, local manager of the Pacific Gas & Electric Co., states that he has received authority to expend $10,000 in improving the company's tracks. New tracks on the curves at the principal corners will be constructed. Work will be done by the company's men.

Contract Awarded.

PORTLAND, Ore.—Grant Smith & Co., Portland, have been given the contract for making a large fill by the O. W. R & N. Company near Weston and Blue Mountain on the Pendleton-Walla Walla line, the cost of which is placed at $110,000. The fill will eliminate three trestles which will be removed.

The General Construction Co., of Spokane, Wash., secured a contract for a fill requiring the removal of 300,000 yards of material near Alto on the Walla Walla-Starbuck line. This work will cost $80,000.

A. Guthrie & Company, of Portland, obtained the contract to make a fill as a substitute for a bridge at Rufus, on the main line along the Columbia river, the cost to be about $25,000.

JEROME, Ariz.—Gilmore, Schwitters & Chesney have been awarded the contract for constructing trestle, culverts and concrete work for a railway extension, four miles in length, for the Santa Fe Railroad Company. Contract for the grading has been awarded to Fleming & Stitzer. Total cost, about $150,000.

MERCED, MERCED CO., CAL. — Passenger and freight depot, 1 story, brick, $7,500. Architect, none. Owners, Santa Fe System. Contractor, T. B. Goodwin, 2245 Filbert street, San Francisco. Contract price, $7,500.

SANTA ROSA, SONOMA CO., CAL. —Passenger station, 1 story and base, stone, $2,766.70. Architect, James H. Humphrey, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Co. Contractor, N. Forni, Santa Rosa. Contract price, $2,766.70.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story and base, frame, $20,000. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, Abraham Rosenberg. Location, Jackson near Spruce street. Will contain fourteen rooms, several baths and separate garage. Plans are complete and figures being taken.

SAN FRANCISCO — Residence, 1½ story and base, frame, $3,000. Architect, none. Owner, A. Lobsien, 230 Upper Terrace, S. F. Location, Upper Terrace. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 4, 1 story and base, frame, $1,500 each. Architect, none. Owner, L. Depaoli, 3289 Mission street, S. F. Location, northeast Peru and Madrid. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $4,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 5445 Geary street, S. F. Location, east 4th avenue south Cabrillo. Will contain seven rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 2, 1 story and base, frame, $3,000 each. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owner, William Koenig. Location, northeast 10th avenue and Morgan. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, $8,000 each. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, A. L. Meyerstein. Location, Forest Hill Extension. Each house will contain ten rooms, two baths and separate garages. Plans are being prepared and will be ready for figures in three weeks.

SAN FRANCISCO — Residence, 2 story and base, frame, $6,000. Architects, Heiman & Schwarts, 212 Stockton street, S. F. Owner, Henry Clift. Location, St. Francis Wood. Will contain seven rooms, three baths and sleeping porch. Separate garage. Plans being prepared.

SAN FRANCISCO — Residence, 2 story and base, frame $9,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, David Bienfield. Location, Claremont Court. Will contain ten rooms, several baths and separate garage. Plans being prepared.

SAN FRANCISCO — Residence, 2 story, attic and base, $12,500. Architect, August G. Headman, Call-Post Bldg., S. F. Owner, C. E. Cutter. Location, east 29th avenue south Lincoln Way. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans complete and work to be done by F. Nelson & Son, 2701 Lincoln Way.

SAN FRANCISCO — Residence, 2 story and base, frame, $2,000. Architect, none. Owner, Joseph Koch, 4109 21st street, S. F. Location, south 21st west Diamond. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $3,500. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. Location, Piedmont Heights. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans are being prepared.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, H. H. Watkinson, 630 18th street, Oakland. Location, north East 8th street east 6th avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $3,500. Architect, none. Owner, H. S. Pratt, 1015 Glendora, Oakland. Location, north Fairbanks avenue east Crofton avenue. Will contain seven rooms, two baths and sleeping porch. Separate ga-

rage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. - Residence, 1 story and base, frame, $1,600. Architect, none. Owner, C. W. Glantz. Location, east 25th avenue east 29th street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $18,000. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, William L. Wheeler. Will contain fourteen rooms, several baths and sleeping porches. Separate garage. Plans complete and figures being taken.

BERKELEY, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $5,000. Architect, none. Owner, C. E. Sinclair, 919 Fresno street, Berkeley. Location, south El Dorado west Hopkins. Will contain nine rooms and bath. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Residence, 1 story and base, frame, $5,000. Architect, none. Owner, Geo. S. Risher, 1814 Hearst avenue, Berkeley. Location, 1801 Delaware street. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,500. Architect, none. Owner, C. J. Smith, 5222 East 14th street, Oakland. Location, west 54th avenue east 14th. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Residence, 1 story and base, frame, $3,500. Architect, none. Owner, Al Kaufman. Location, north Spruce street west Park Boulevard. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $3,500. Architect, E. W. Cannon, Central Bank Bldg., Oakland. Owner, E. W. Rawlins, Location, Lakewood Park. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $2,000. Architect, none. Owner, M. G. Humphreys, 431 12th street, Richmond. Location, Pennsylvania avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,300. Architect, none. Owner, A. J. Morrison, 305 Scenic avenue, Richmond. Location, Scenic avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

MILL VALLEY, MARIN CO., CAL. —Residence, 1 story, frame, $2,000. Architects, Foulkes & Hildebrant, Crocker Bldg., S. F. Owner, Mr. Whitman. Will contain five rooms and bath. Plans complete and figures being taken.

LOS ALTOS, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, $5,000. Architect, H. C. Baumann, 251 Kearny street, S. F. Owner, Phillip Cook. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BURLINGAME, SAN MATEO CO., CAL.—Residences, 2, 1 story, frame, $3,000 each. Architect, none. Owner, Dr. C. P. Pond, 1520 Encinal avenue, Alameda. Each house will contain six rooms, bath and sleeping porch. These two houses are the first of a group of twenty dwellings to be erected for the same owner. Work will be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $3,000.. Architect, none. Owner, L. Keller, 640 J street, Fresno. Location, Sunset Tract. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

SCHOOLS.

OAKLAND, Cal.—The Board of Education, Dan W. Pratt, Secretary, will receive bids up to May 3rd, 5 P. M., for grading, cement work, fences, gates, planting, water system and fire protection for the Chabot Observatory, situated at Leona Heights, in the City of Oakland.

Certified check of 10% payable to Secretary of the Board of Education.

REDWOOD CITY, San Mateo Co., Cal.—Plans for a large playground for the Sequoia High School building have been submitted to the Board of Trustees by former City Engineer Porter. The work will cost about $16,000 and will consist of a macadam pavement, grand stands, athletic apparatus, etc. The plans have been approved by the School Directors and speedy action is awaited.

PLACERVILLE, EL DORADO CO., CAL.—Schools, 2, 1, 1 story and 1, 2 story, frame and hollow tile, $35,000. Architect, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Placerville School District. These two buildings have been out for figures twice before. Plans have been revised and new bids are to be opened on April 28th.

AUBURN, PLACER CO., CAL. — School gymnasium, 1 story, frame, $8,000. Architect, Allen D. Fellows, East Auburn. Owners, Placer Union High School District. Will contain separate rooms for girls and boys. Plans complete and bids to be called for shortly.

WASHINGTON, YOLO CO., CAL.—School, 1 story and base, frame and hollow tile. Cost not stated. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Washington School District. Bids will be opened on May 9th at 8 p. m. for this building. Plans can be secured from the architect.

SACRAMENTO, CAL. — School, 2 story and base, reinforced concrete. Cost not stated. Architects, Shea and Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. The lowest bid received for the Washington School was some $27,000 in excess of the amount available. Bids will probably be rejected and new figures called. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

MOUNTAIN VIEW, KERN CO., CAL. School, 1 story, frame, $6,000. Architect, J. M. Saffel, Fiske Bldg., Bakersfield. Owners, Mountain View School District. Will contain two class rooms. Plans are being prepared.

Contract Awarded.

F. Gallagher has been awarded the contract by the San Francisco Board of Public Works for yard work at Junipero Serra School on his bid of $1,299.

SEWERS, STREET WORK & WATER SYSTEMS.

EVERETT, Wash.—Bids for construction of three miles of Scenic highway have been rejected and work will be done by day labor.

PORT ORCHARD, Wash.—Bids will be received until noon, May 8, by J. M. Peterson, County Auditor, for construction of part of highway No. 250.

EAGLE ROCK, Los Angeles Co., Cal. —The City Engineer has been instructed to prepare plans and specifications for improving Hill avenue from Colorado boulevard to Sumner avenue, making a new scenic drive along the foothills.

The City Engineer has also been instructed to make surveys of all streets running north and south from Colorado boulevard to Hill avenue, preliminary to the installation of ornamental lighting posts.

VISALIA, Tulare Co., Cal.—County Surveyor Byran O. Lovelace has completed the surveys of the first two stretches of county highway to be built under the $2,200,000 bond issue recently voted.

The two stretches now surveyed are from Visalia to Exeter and from Porterville to Lindsay, a distance of 18½ miles. The stretch on which the county engineer will be at work shortly is from Dinuba to Visalia, all being on the main artery from the north county line at Kingsburg through Visalia, Exeter, Lindsay, Porterville to the south county line at Richgrove.

DALY CITY, San Mateo Co., Cal.— The City Trustees have passed a resolution of intention to improve Hillcrest Drive, Guadalupe street, Los Olivos avenue, Los Angeles avenue, Santa Ana avenue, Santa Barbara avenue, San Carlos avenue, San Diego avenue, San Gabriel avenue, San Juan avenue, Niatntic avenue, Garden St., a portion of Mission Circle and a portion of Mission Road. Chas. L. Biebel is City Clerk.

TULARE, Tulare Co., Cal.—The City Engineer has been instructed to make a survey of the streets connecting the business section with the state and county highway systems. There will be about three miles of paving, costing about $35,000. Proceedings will be started shortly.

VALLEJO, Solano Co., Cal.—At a recent meeting of the Eastern Park Center Improvement Club, property owners voted to accept the offer of the Worswick Construction Co. to pave three blocks in Monterey street, two blocks in Florida and one in Kentucky street, under private contract.

Under the proposition submitted by the Worswick Company the streets will consist of a four-inch concrete base, on which will be laid one and

one half inch of Topeka surfacing. With the exception of Monterey street, between Carolina and Capitol streets, all of the streets will be 32 feet in width, Monterey street to be 40 feet in width. The work to be done will involve an expenditure of something like $20,000.

The San Francisco Board of Public Works has granted permission to M. A. Greely to pave, under prive contract, Anza street between 39th and 40th avenues.

SAN JOSE, Santa Clara Co. Cal.—The City Council has passed a resolution of intention providing for the following work:

The the roadway of Sixth street from Santa Clara street to San Fernando street and the roadway of Seventh street from Santa Clara street to San Fernando street, excepting that portion occupied by the concrete gutters, be re-graded; that the same be paved with an asphaltic concrete covering or wearing surface 1½-inches in thickness, laid upon a concrete foundation 4½-inches in thickness.

Russell B. Tripp is City Clerk and Elmer E. Chase is President of the Council.

The San Francisco Board of Public Works has passed resolutions of expediency and approved specifications for the following work:

TO PAVE—Leland avenue bet. Rutland and Delta; Leland avenue bet. Elliott and Sawyer; Raymond avenue bet. Delta and Elliott; Rutland bet. Leland and Visitacion; Rutland bet. Leland and Raymond; Cora bet. Leland and Visitacion; Delta bet. Leland and Visitacion; Desmond bet. Leland and Visitacion; Peabody bet. Leland and Visitacion; Schwerin bet. Leland and Visitacion; Visitacion bet. San Bruno and Schwerin; Raymond bet. San Bruno and Delta.

Jessie street will be improved bet. Seventh and Eighth by the construction of artificial stone sidewalks. Specifications were also approved by the Board for the construction of a sewer in Ingerson avenue bet. Railroad and Hawes.

MARTINEZ, Contra Costa Co., Cal.—Three bids were received by the County Supervisors for furnishing rock and gravel for road work in various parts of the county. The bidders were: Niles Sand & Gravel Co., Grant Gravel Co., and E. B. and A. L. Stone Co. It is probable that all bids will be rejected and the material purchased in the open market.

SHELTON, Wash.—Bids will be received by the Mason County Commissioners, Irene W. Richardson, County Auditor, until May 8th, for the construction of Permanent Highway No. 4, estimated to cost $13,684. Plans may be had of County Engineer A. V. Meyer.

COQUILLE, Ore.—Bids for the construction of two sections of highways, under the recent $362,000 bond issue, are being received by L. W. Oddy, County Clerk of Coos County, up to May 5th. They are; Glaskow-Haynes-North Inlet; Coquille-Coaledo and the Bandon-Curry road. G. S. McCulloch, Bandon, Ore., is County Surveyor.

SAN BRUNO, San Mateo Co., Cal.—The Board of Trustees has instructed City Engineer Kneese to proceed with plans and specifications for the construction of sidewalks on streets bordering on the State Highway through the City of San Bruno, so they can be submitted to the State Highway Commissioners for approval.

FERNDALE, Humboldt Co., Cal.—Town Engineer F. E. Kelly has submitted estimates to the Trustees providing for the paving of Main street from the Pythian Castle to the town limits. Estimates were given on various kinds of pavement which ranged from $8,000 to $32,150.

Action was laid over until a later meeting.

OROVILLE, Butte Co., Cal.—The County Supervisors will receive bids up to May 9th, 1:30 P. M., for furnishing and delivering gravel on the Lower Pratt Road in Road District No. 8. M. C. Polk is County Surveyor.

SAN JOSE, Santa Clara Co., Cal.—The City Council at its last meeting appropriated $1,787 for the construction of a concrete culvert for the Canos Creek at Pierce and Orchard streets.

FRESNO, Fresno Co., Cal.—At the last meeting of the City Council the first step for connecting Arlington Heights and Fresno Heights with the city sewer system was considered, but went over until the next regular meeting. Forty-eight blocks in Arlington Heights will be sewered, and twenty-four blocks in Fresno Heights Nos. 1 and 2. The estimated cost is between $23,000 and $25,000. The sewers, which will connect with the main sewer in Alta Vista, will range from 6 to 12 inches and will be vitrified iron stone.

FRESNO, Fresno Co., Cal.—At the last meeting of the City Council plans and specifications for the paving of White Bridge road from Trinity to Tehama were put over until the next meeting.

Plans and specifications and resolution of intention for the paving of H street from El Dorado to West and Park Boulevard to Belmont avenue wer adopted.

REDWOOD CITY, San Mateo Co., Cal.—The County Supervisors are receiving bids for the construction of the state highway so as to complete the missing link in front of Wellesley Park.

Plans may be had from the county Clerk Redwood City.

NAPA, Napa Co., Cal.—City Engineer Buckman has completed plans for the construction of sidewalks and curbs on Main street from Pearl to the stone bridge. It is the intention of property owners in this district to install an electrolier system so action on the plans has been laid over until some action is taken by the property owners.

A resolution of intention providing for the construction of sidewalks and curbs on Main street from the stone bridge to First street is being prepared by City Engineer Buckman.

LOS ANGELES, Los Angeles Co., Cal.—J. P. Hunter, 405 West Fifty-eighth street, Los Angeles, was the only bidder at $11,400 for the installation of a sewage disposal plant at the County Farm, at Downey, plans for which were prepared by Wm. Davidson, chief mechanical engineer. The pumping equipment was not included in the bid. The matter was taken under advisement.

MARTINEZ, Contra Costa Co., Cal.

The Supervisors have rejected bids received for the grading of 5,700 lineal feet of highway for Division No. 7 of the county highway between Oakley and Antioch and it is probable that the work will be undertaken by the county.

Bids for furnishing rock and gravel were also rejected. It is possible that this material will be purchased in the open market.

(14912) 1st report Mar. 30; 2nd Apr. 17, 1917.

(14913) 1st report Mar. 30; 2nd Apr. 17, 1917.

WOODLAND, Yolo Co., Cal.—The City Trustees have declared their intention to macadamize Court street. Warrenite pavement will be used.

REDWOOD CITY, San Mateo Co., Cal.—The City Trustees have instructed City Engineer Dimmitt to prepare plans for a storm water drainage system for the Redwood Highlands and Wellesley Park Districts.

REDWOOD CITY, San Mateo Co., Cal.—Bids opened by the County Supervisors for the construction of a septic tank in connection with the sewerage disposal works at the County Hospital were received from the folling: M. B. Wiggins, A. Mattson, P. Mathiesen and Frank Bryant.

Bids were also received from James O'Neill and A. Mattson for constructing a tunnel at the County Hospital.

In each case the bids were laid over until the meeting of May 7th.

(14431) 1st report Mar. 9; 2nd Mar. 30, 1917.

REDWOOD CITY, San Mateo Co., Cal.—The City Trustees have passed resolutions of intention providing for the improvement of Sequoia street and portions of Redwood avenue. The improvement will consist of the laying of sewers, the construction of concrete curbs and the paving of the roadways of the streets with macadam.

A resolution was also passed providing that the roadway of Broadway be improved by a surfacing of bitucrete.

STOCKTON, San Joaquin Co., Cal.—Bids have been ordered received by the City Council up to May 27th for the improvement of Washington, Church, Sutter and Sonora streets. The estimate for the work is $8,251.40.

(15195) 1st report April 11, 1917.

Plans and specifications have been adopted by the Council for the paving of Main street from Monroe to Lincoln street. The estimate for the work is $5659.

Plans may be had from the City Clerk.

SANTA ROSA, Sonoma Co., Cal.—The following estimates have been submitted to the City Council by Milo B. Williams, Irrigation Engineer, and W. W. Weir, Drainage Engineer, for draining the sewer farm:

Proposition No. 1, $8,400.

Proposition No. 2, $3,550.

Proposition No. 3, $1,650.

Action was laid over.

RICHMOND, Contra Costa Co., Cal.—City Clerk A. J. Faris will receive bids up to April 30th, 8 P. M., for the following improvements:

That a portion of Garrard Blvd. bet. the extension W of the S line of Ohio avenue and the extension SE of the SW line of Standard avenue, and a

portion of Standard avenue bet. the NW line of Garrard Blvd. and the extension NE of the SE line of Railroad avenue, including all intersections and terminations therein contained, be graded, paved with a 6-inch cement concrete base with a paint coat wearing surface of asphalt and stone screenings.

That portions of the existing gutters be removed, and that a concrete catch basin with a cast iron grate and rim, and an 8-inch corrugated iron pipe connection to the existing catch basin, be constructed at the W end of improvement and across Standard avenue, and that the existing wing walls at the culvert at Maine avenue, be reconstructed.

Certified check of 10% payable to City of Richmond.

RICHMOND, Contra Costa Co., Cal.—The City Council has passed resolutions of intention providing for the establishment of curb grades on Western Drive, Tenth street, Santa Fe avenue, Golden Gate avenue and Water street.

REDWOOD CITY, San Mateo Co., Cal.—County Clerk Jos. H. Nash is receiving bids up to May 7th, 10 A. M., for the construction of 0.264 of a mile of highway on El Camino Real, beginning at the northerly limits of Redwood City (Cordilleras Creek) and extending in a SE direction to Claremont avenue.

Certified check of 10% payable to County of San Mateo.

TAFT, Kern Co., Cal.—The City Trustees have instructed City Engineer Edward M. Lynch to proceed with the necessary plans and specifications for the paving of the streets in the city of Taft. The work will cost in the neighborhood of $100,000. The improvements will consist of the paving of the following streets:

Center street from E line of Second to W line of Sixth, full width.

Fourth street from N line of Main street to S line of North street, paved full width.

Center street from the city limits on the E to the easterly side of Third street, sixteen feet wide, in center of street.

Sixth street from N line of Center street to the N city limits, sixteen feet wide in center of street.

Center street from the W side of Sixth street to the W city limits, sixteen feet wide in center of street.

Every other street in the city limits dedicated to the city of Taft is to be torn up and put to grade and a surface given.

Every public street to be curbed and sidewalks laid with the exception of Main street from Second to Sixth streets, no sidewalks on south side of street.

On Main street on westerly line of Sixth street to the city boundary line no sidewalks.

All sidewalks on north side of Center street to be ten feet wide. Sidewalks on south side of Center street to be twelve feet wide. Sidewalks in the residence district to be five feet wide.

Alleys between Third and Sixth streets the main business alleys in the rear of the business houses are to be paved and light curbing placed.

The paving plan is for a 6-inch total thickness of paving with the exception of the alleys. Two course paving is to be laid on the streets and one course in the alleys.

MADERA, Madera Co., Cal.—A resolution of intention has been passed by the Madera Trustees and a conference will be had with the County Supervisors providing for the paving of "F" street.

WENATCHEE, Chelan Co., Wash.—County Auditor T. L. Ross will receive bids up to May 8th for the paving of Permanent Highway No. 9 with concrete pavement. Work will consist of one course concrete 6 inches thick, 16 feet wide and a distance of 6,200 feet. Plans may be had of County Engineer F. M. Berry..

TURLOCK, Stanislaus Co., Cal.—The City Council has ordered bids received for the improvement of North and South streets. Plans may be had from City Clerk at Turlock.

SAN RAFAEL, Marin Co., Cal.—The Directors of the Marin Municipal Water District are considering the purchase of pipe which will cost about $20,000. It is undecided whether to purchase the pipe in the open market or call for bids.

All work done for the Marin Municipal Water District is done under the direction of Engineer A. R. Baker.

VISALIA, Tulare Co., Cal.—The City Council will shortly order bids received for the paving of Northeast and Northwest Third avenues, about the Lincoln Primary School.

BAKERSFIELD, Kern Co., Cal.—The City Council has passed a resolution of intention ordering the grading and tamping of sub-base; construction of a cement concrete pavement with a sheet asphalt wearing surface; construction of cement concrete curbs and gutters, on First alley south of Nineteenth street lying bet. The westerly property line of G street and the easterly property line of Spruce street.

CALEXICO, Imperial Co., Cal.—Bids will be received up to May 1st, 7 o'clock P. M., by F. P. Green, City Clerk, for furnishing one oil-burning engine and fittings.

MONTESANO, Wash.—Bids will be received by the Grays Harbor County Commissioners, W. Campbell, Auditor, to be opened May 21st for the paving with one course concrete of Permanent Highway No. 14 between Aberdeen and Montesano, a distance of 11,666 lineal feet. The road will be 18 feet wide.

Bids will also be opened at the same time for the clearing, grading and surfacing with gravel 2¼ miles of the East Hoquiam Road Extension.

Geo. D. Robertson is County Engineer.

OAKLAND, Cal.—L. W. Cummings, City Clerk, will receive bids up to May 3rd, 12 M., for the following work:

That the following described portion of Avenal avenue be graded, curbed with redwood, guttered with a concrete gutter 3 feet wide, paved with oil-macadam and sidewalked with a cement sidewalk, six feet wide to-wit: beginning at the intersection of the SW line of Avenal avenue with the NW line of Seminary avenue; running thence along the NW line of Seminary avenue to a point distant 3 feet SW, measured at right angles, from the NE curb line of Avenal avenue; thence parallel to said NE curb line of Avenal avenue to a point distant 80 feet S, measured at right angles, from the N line of Bond street; thence parallel to the SW line of Avenal avenue; thence in a direct line to the point of beginning.

Contracts for the reinforced concrete viaduct and for the Ocean Boulevard at the Presidio have been awarded by the War Department. The bid of P. McCallahan of San Francisco has been forwarded to the Department at Washington, with the recommendation that he be awarded the contract for the Presidio Water Supply improvements with the exception of the pipe lines.

Owen McHugh, Russ Bldg., was awarded the contract for the Ocean Boulevard on his bid of $20,820 and Cahill & Vensano, 460 Montgomery street, the contract for the reinforced concrete viaduct. Their bid being $8,270.

MODESTO, Stanislaus Co., Cal.—County Clerk H. Benson will receive bids up to May 15th, 10 A. M., for the construction of approximately 2.882 miles of cement concrete road 16 feet in width, beginning at the T. I. D. Main Canal SE of Hickman and running on a NW direction to a point intersecting the section line between sections 20 and 21 T. 3 S., R. 11 E., M. D. B. & M.; also approximately 8.222 miles of cementa concrete road, a part of which is 12 feet in width and the remainder 16 feet in width, beginning at the S. P. R. R. at Waterford and running thence in an easterly direction to the Roberts Ferry Bridge; thus making a total of approximately 11.104 miles, said roads being known as the Hickman Thalheim and Waterford (Section C) roads, in the County of Stanislaus.

Contract Awarded.

FAIRFIELD, Solano Co., Cal.—A. H. Kopperud, 2030 High street, Oakland, submitted the lowest bid to the Town Trustees for resurfacing Texas street and he was awarded the contract at $3,400. The only other bid received was that of a Sacramento firm at $5,100.

OROVILLE, Butte Co., Cal.—The County Supervisors have awarded a contract to the Nichols Hardware Co. for furnishing 2,000 feet of black pipe on their bid of $484.80.

FRESNO, Fresno Co., Cal.—The City Council has awarded a contract to Thompson Bros., 1514 "H" street, Fresno, for the grading, curbing, oiling and sidewalking of Madison avenue and for the sidewalking of Inez street from Tulare to Kern.

The contract for the improvement of Mariposa street from F to G to the California Road & Street Improvement Co., Holland Bldg., Fresno, Cal. (14372) 1 st report Mar. 7; 2nd April

STOCKTON, San Joaquin Co., Cal.—The City Council has awarded a contract to M. A. Greeley for the paving of the south half of Weber avenue from Monroe to Edison street, on his bid of $5,130.18. The City Engineer's estimate was $5,767.87.

Other bidders were: Guy T. Covault, $5,387.45; F. C. McIntire, $5,528.17; Federal Construction Co., $5,440.98; Clark & Henery, $5,204.21.

RICHMOND, Contra Costa Co., Cal. The City Council has awarded a contract to G. W. Cushing, 420 Mac-

Donald Ave., Richmond, for the following work:

That the Alley in Block Two, Richmond Park, from the N line of Barrett avenue to the S line of Ripley avenue, excluding all intersections and terminations therein, be graded; paved with 5-inch concrete base with a wearing surface consisting of asphalt and stone screenings; that redwood headers be constructed thereon.

SANTA ROSA, Sonoma Co., Cal.—L. B. McGuire of Santa Rosa has been awarded the contract for furnishing 450 barrels of cement to the city of Santa Rosa at $2.80 per barrel, with 30 cents rebate for empty sacks returned.

SAN FRANCISCO—The Board of Public Works has made the following awards for street work:

Lane, Quesada and Revere to State Improvement Co at $5,978.36.

Harrison, 16th and 18th to S. B. Eaton, $8,756.60.

Waltham, Alabama and street southerly, Moran Improvement Co at $1,883.70.

Hoffman, Jennings to Lans, Flinn & Treacy, $548.80.

PORTOLA, San Mateo Co., Cal.—E. R. Dimond, 310 Sansome street, San Francisco, has recorded the contract for the construction of a private road to Thomas M. Flynn, Redwood City. The contract price is $3000. This road will connect the E. R. Dimond residence with the main highway.

SAN DIEGO, San Diego Co., Cal.—Olof Nelson has been awarded a contract by the City Council for the improvement of the following streets:

Sheridan avenue, bet. St. James Place and Lyndon Road.

Ohio street, bet. University and Adams streets.

Fourth street from Arbor Drive to the north end of Fourth street.

University bet. Alabama and Boundary streets.

Mississippi bet. University and Lincoln and Washington street bet, Lark and Ingalls.

The improvements consist of cement concrete sidewalks and cement and concrete curbs.

EVERETT, Wash.—The contracts for the paving with concrete two roads in Snohomish county, have been awarded by the county commishioners to Oscar Huber on his bid of $52,191 for bitulithic.

The contract for paving with concrete two other roads in Snohomish county have been awarded by the County Commissioners to Bancroft & Morgan of Everett, on their bid of $61,668.

TACOMA, Wash.—The contract for paving the Pacific Highway has been awarded by the County Commissioners to McHugh & Johnson, Tacoma, on their bid of $33,248.

SAN MATEO, San Mateo Co., Cal.—Nine bids were received by the San Mateo City Council for the paving of streets in the Haywood Park District. The lowest bid was submitted by the Federal Construction Co., 323 Sharon Bldg., San Francisco, at $103,715.46. The second low bid was that of Clark & Henery Co., Oschner Bldg., Sacramento, Cal., at $105,722.62.

The contract was awarded to the Federal Construction Co.

The San Francisco Board of Public Works awards contract to Thos. H. Hutton at $2,615.68 for the improvement of the intersection of Shotwell street and Bernal avenue.

STORES AND OFFICES.

SAN FRANCISCO—Store and office alterations, 6 story and base. Class B construction, $25,000. Architect, Will H. Toepke, 46 Kearny street, S. F. Owners, Boston Investment Co. Location, 942 Market street. Work will consist of installing elevator, steam heat, plumbing, metal window sash and frames and interior partitions. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Stores, 1 story frame, $7,000. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Reis Estate. Location, 3rd and 20th streets, covering an area of 40 by 100 feet. Plans complete and figures being taken.

OAKLAND, CAL.—Store, 1 story and base, frame, $4,000. Architects, Milwain Bros., Albany Bldg., Oakland. Owners, Margaret N. and Jane E. Montgomery. Location, 42nd and Telegraph. Will contain one small store. Plans complete and figures being taken.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, I. N. Van Nuys Estate. Location, Hill street near 8th, covering an area of 60 by 156 feet. Plans complete and figures being taken.

Contract Awarded.

SAN FRANCISCO—Store and offices, 5 story and base. Class A construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, D. O. Mills. James L. McLaughlin, 244 Kearny street, reinforced concrete work. Bradley & O'Reilly, 180 Jessie street, plastering. H. S. Tittle, 245 Minna street, electric work. Stockholm & Allyn, Monadnock Bldg., carpentry work. McGilvray Granite Co., 634 Townsend street, granite work. Robert Dalziel, Jr., 218 First street, plumbing, heating and sheet metal work. Rudgear-Merle Co., Bay and Stockton streets, ornamental iron. Contracts for the balance of the work will be announced later.

SANTA ANA, ORANGE CO., CAL.—Stores and offices, 3 story and base, brick and steel, $50,000. Architects, Elwing & Tedford, Trust and Savings Bldg., Santa Ana. Owner, Mrs. Susie Rutherford. Contractor, George Preble, 1704 North Main street, Santa Ana. Contract price, $50,000.

THEATRES.

Contract Awarded.

THEATRE AND APARTMENT—2 story and base, brick, $15,000. Tillamook, Ore. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owner, M. W. Harrison. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, $15,000.

SAN FRANCISCO—Theatre alteration, 1 story. Class A construction. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, Keil Estate. Location, Mission and 21st street. Will consist of both interior and exterior alterations. Plans are being prepared.

Contract Awarded.

TILLAMOOK, O RE.—Theatre and apartment, 2 story and base, brick, $15,000. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owner, M. W. Harrison. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, $15,000.

SEALED PROPOSALS.

PROPOSALS for steel plates, sheet copper, bolts, nuts, rivets, barbed wire, nails, chrome steel castings, solder, soil pipe, pipe fittings, sanitary fittings, valves, cocks, water-closet seats, belt lacing, scrub brushes, varnish brushes, window glass, slate partition, safes, leather belting, hose, packing, gaskets, manila rope, oakum, marine, chalk line, canvas, burlap, sheeting, rubber boots, granulated cork, paraffin wax, roofing felt, dishes, forks, spoons, filing boxes, rubber bands, bond paper, and carbon paper.—Sealed proposals will be received at the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., until 10:30 A. M., May 4, 1917, at which time they will be opened in public for furnishing the above-mentioned articles. Blanks and information to this circular (No. 1137) may be obtained from this office or the offices of the Assistant Purchasing Agent, Fort Mason, San Francisco, Cal. Earl I. Brown, Major, Corps of Engineers, U. S. A., General Purchasing Officer.

PROPOSALS will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 10 o'clock A. M., May 8, 1917, for furnishing and installing cork insulation on vessel and delivering air compressor and motor, copper boat sheathing, steering gears, rubber hose, lathe, wood planer, condenser-tube sheets and windlasses at the navy yard, Mare Island, Cal., etc. Apply for proposals to the Navy purchasing office, San Francisco, Cal., or the Bureau of Supplies and Accounts. SAMUEL McGOWAN, Paymaster-General of the Navy.

CALIFORNIA LUMBER CUT IN 1916.

The estimated lumber cut in California for 1916 was 1,420,000,000 feet b. m., according to a report given out by the Forest Service. This is thought to be the largest cut for any one year in the history of the State, and is 290,000,000 feet more than the estimated cut in 1915. One hundred eighty-two mills reported a cut for 1916 of 1,415,541,000 feet b . m. and the output of the 52 largest mills was 1,328,136,000 feet. Of the more important species western pine constituted 494,973,000 feet of the cut; redwood 490,828,000 feet; sugar pine 165,461,000; Douglas fir 141,200,000; white fir 85,918,000; cedar 16,587,000. The above figures were taken for the State as a whole. On the National Forests, which comprise about 19 million acres in California and contain a stand of about 109,000,000,000 feet of timber 60,293,000 feet, valued at $127,749.66, was cut in 1916 in commercial sales, which does not include timber given away or sold at cost to settlers on the Forests.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location

SAN FRANCISCO.

APARTMENT HOUSE 3 story and base, frame, $12,000. San Francisco. Architect, Ernest Hildebrand, Crocker Bldg., S. F. Owner's name withheld. Location not given. Will contain a number of two, three and four room apartments. Plans are being prepared.

RECONSTRUCTING PIER - Cost not stated. San Francisco. Engineer, Chief Engineer White Ferry Bldg., S. F. Owners, State of California. Bids will be opened on April 26th at 11 A. M. for reconstructing Pier No. 46. Plans can be secured from the Secretary of the State Board of Harbor Commissioners, Ferry Bldg.

BRIDGE—Cost not stated. San Francisco. Engineer, none. The War Department has refused permission to construct any type of a bridge over San Francisco Bay north of Hunter's Point. The department recommends a tunnel under the bay but would permit the construction of a high level bridge with a clear span of 1,800 feet and a minimum height of 210 feet at any point south of Hunter's Point.

WAREHOUSE—4 story and base, brick and steel, $100,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Union Iron Works. Location, 20th and Illinois streets, covering an area of 212 by 50 feet. Plans complete and figures being taken. A contract for the structural steel awarded to Western Iron Works.

FACTORY—3 story and base, reinforced concrete, $31,000. San Francisco. Architect, Milton Litchenstein, 111 Ellis street, S. F. Owners, S. and G. Gump. Location, southwest Pacific and Trenton streets, covering an area of 56 by 137½ feet. Plans complete and figures being taken.

FLATS—2 story and base, frame, $4,000. San Francisco. Architect, none. Owners, Anderson and Johnson, 47-A Landers street, S. F. Location, west 23rd avenue south California. Will contain two flats of five and six rooms and basement garage. Plans complete and work to be done by Day Labor.

FLATS—2, 3 story and base, frame, $5,000 and $6,000. San Frrancisco. Architect, L. Traverso, 854 Union street, S. F. Owners, Paganini Bros. Location, southwest Stockton and Lombard streets, covering areas of 42 by 78 and 40 by 60 feet. Will contain stores and four flats. Plans complete and work to be done by Day Labor.

FLAT ALTERATION — 2 story, frame, $3,500. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Location, Greenwich street near Leavenworth. Work will consist of interior and exterior alterations. Plans are being prepared and when complete work will be done by Day Labor.

FLATS—2 story and base, frame, $5,000. San Francisco. Architect, none. Owners, Co-operative Home Building Co., 1125 Fillmore street, S. F. Location, south Oak east Cole, covering an area of 25½ by 62 feet. Will contain four flats. Plans complete and work to be done by Day Labor.

SALES ROOMS AND GARAGE 2 story and base, brick, $27,000. San Francisco. Architect, M. J. Lyons, Lick Bldg., S. F. Owner, Ignatz Steinhart. Location, west Van Ness avenue south California, covering an area of 60 by 124 feet. Plans are being prepared.

RESIDENCE—2 story and base, frame, $20,000. San Francisco. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, Abraham Rosenberg. Location, Jackson near Spruce street. Will contain fourteen rooms, several baths and separate garage. Plans are complete and figures being taken.

RESIDENCE—1½ story and base, frame, $3,000. San Francisco. Architect, none. Owner, A. Lobsien, 230 Upper Terrace, S. F. Location, Upper Terrace. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES 4, 1 story and base, frame, $1,500 each. San Francisco. Architect, none. Owner, L. Depaoli, 3289 Mission street, S. F. Location, northeast Peru and Madrid. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $4,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 5445 Geary street, S. F. Location, east 4th avenue south Cabrillo. Will contain seven rooms, two baths and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES—2, 1 story and base, frame, $3,000 each. San Francisco. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owner, Wiilliam Koenig. Location, northeast 10th avenue and Morgan. Each house will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCES—3, 2 story and base, frame, $8,000 each. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, A. L. Meyerstein. Location, Forest Hill Extension. Each house will contain ten rooms, two baths and separate garages. Plans are being prepared and will be ready for figures in three weeks.

RESIDENCE—2 story and base, frame, $6,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Henry Clift. Location, St. Francis Wood. Will contain seven rooms, three baths and sleeping porch. Separate garage Plans being prepared.

RESIDENCE 2 story and base frame, $9,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, David Bienfield. Location Claremont Court Will contain ten rooms, several baths and separate garage. Plans being prepared.

RESIDENCE 2 story, attic and base, $12,500. San Francisco. Architect, August G. Headman, Call-Post Bldg., S. F. Owner, C. E. Cutter. Location, east 29th avenue, South Lincoln Way. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans complete and work to be done by F. Nelson & Son. 2701 Lincoln Way.

RESIDENCE—2 story and base, frame, $2,500. San Francisco. Architect, none. Owner, Joseph Koch, 4109 21st street, S. F. Location, south 21st west Diamond. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

STORE AND OFFICE ALTERATION—6 story and base. Class B construction, $25,000. San Francisco. Architect, Will H. Toepke, 46 Kearny St., S. F. Owners, Boston Investment Co. Location, 942 Market street. Work will consist of installing elevator, steam heat, plumbing, metal window sash and frames and interior partitions. Plans complete and work to be done by Day Labor.

STORES—1 story, frame, $7,000, San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owners, Reis Estate. Location, 3rd and 20th streets, covering an area of 40 by 100 feet. Plans complete and figures being taken.

THEATRE ALTERATION—1 story. Class A construltion. Cost not stated. San Franciisco. Architects, Reid Bros., California Pacific Bldg., S. F. Owner, Keil Estate. Location, Mission and 21st street. Will consist of both interior and exterior alterations. Plans are being prepared.

Contract Awarded.

....STORE AND OFFICES—5 story and base. Class A construction. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, D. O. Mills. James L. McLaughlin, 244 Kearny street, reinforced concrete work. Bradley & O'Reilly, 180 Jessie street, plastering. H. S. Tittle, 245 Minna street, electric work. Stockholm & Allyn, Monadnock Bldg., carpentry work. McGilvray Granite Co., 634 Townsend street, granite work. Robert Dalziel, Jr., 218 First street, plumbing, heating and sheet metal work. Rudgear-Merle Co., Bay and Stockton streets, ornamental iron. Contracts for the balance of the work will be announced later.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1037	Campbell	Owner	24000
1038	Schopplein	Koch	1800
1039	Salz	Duncan	1500
1040	Janssen	Janssen	10000
1041	Biturine	Pockman	5000
1042	Olson	Olson	1800

1043	Bass Heuter	Mitchell	1098
1044	Fratessa	Fratessa	1000
1045	Klute	Mohler	1950
1046	Cal Packing	Owner	600
1047	McMillan	McMillan	450
1048	Anderson	Anderson	4000
1049	Koch	Koch	2000
1050	Blanchard	Rich	984
1051	City & County	McFell	847
1052	Same	Clark	6525
1053	Same	Graper	1135
1054	Same	Lynch	26555
1055	Same	Scott	2395
1056	Same	O'Mara	781
1057	Hirsch	Weldon	950
1058	Webster	Lagomarsino	9700
1059	De Geayer	Coburn	3000
1060	Cerruti	Capurro	9800
1061	Pac. Gas & Elec.	White	2530
1062	Maltby	Otis Elev	2750
1063	Ins Ex	McLaughlin	600
1064	Werner	Matchke	1450
1065	Martin Inv.	Otis	1950
1066	Pro. Epis. Home	Duncan	3329
1067	Giampietro	Sharman	2000
1068	De Graca	Neal	3300
1069	Costa	Pasqualetti	8800
1070	Tieulie	Delaney	400
1071	Eisenberg	Delaney	568
1072	Butler	Butler	500
1073	Franzatti	Arata	1400
1074	Lawson	Lawson	600
1075	Hanley	Mulcahy	660
1076	Babcock Est	Owner	800
1077	McLean	Kronnick	850
1078	Planka	Nielsen	1375
1079	N Y Lub. Co.	Owner	3000
1080	Mer I&C Storage	Larsen	1000
1081	Cutter	Nelson	11000
1082	Hartman	Pac Fire Ex	1650
1083	Same	Scott	1695
1084	Same	Lettich	4875
1085	Same	Ahlbach	15955
1086	Same	Kissel	1300
1087	Deapoli	Owner	1400
1088	Same	Same	1400
1089	Same	Same	1400
1090	Same	Same	1400
1091	Hahn	Hahn	1500
1092	Esters	Esters	700
1093	Chelli	Ellis Elec	500
1094	Bologna	De Lucca	1400
1095	Holman	Brandon	6500
1096	White Invst	Bos	20000
1097	Bankers Invst	Larsen	2500
1098	Gimbal	Mullen Mfg	2825
1099	Aleidi	Cuneo	2050
1100	Smith	Smith Bros	8400
1101	Hurt	Arnott	2675
1102	Heuter	Olson	2500
1103	Co-Operative	Owner	5000
1104	Scoble	Scoble	4000
1105	Koenig	Koenig	3000
1106	Same	Same	3000
1107	Stolz	Brown	500
1108	Sanborn	Sanborn	450

FRAME APARTMENTS

(1037) SE PINE AND LARKIN. Three-story and basement frame (20) apartments.

Owner.....J. V. Campbell, 1040 Bryant, San Francisco.
Architect .....None.
Day's work. COST, $24,000

FRAME DWELLING

(1038) W DIAMOND 285 S 21st. Two-story and basement frame dwelling.

Owner.....Geo. Schopplein, 466 Diamond, San Francisco.
Architect .....None.
Contractor....Joe Koch, 2109 21st, S. F.
COST, $1800

GARAGE

(1039) N CLAY 137-6 W Maple. One-story reinforced concrete garage.

Owner.....A. K. Salz, Wells Fargo Bldg., San Francisco.
Architect .....Weeks & Day, Phelan Bldg., San Francisco.
Contractor....W. C. Duncan & Co., 508 Sharon Bldg., S. F.
COST, $1590

FRAME FLATS

(1040) NE FIFTEENTH AVE AND Geary.. Three-story and basement frame (6) flats.

Owner.....E. A. Janssen, 1004 Hearst Bldg., San Francisco.
Architect .....C. O. Clausen, Hearst Bldg., San Francisco.
Day's work. COST, $10,000

FRAME FACTORY

(1041) E SAN BRUNO 85-2 S Army. One-story and basement frame factory.

Owner.....The Biturine Co., 24 California, S. F.
Architect .....None.
Contractor....L. T. Pockman, 121 21st Ave., San Francisco.
COST, $5000

FRAME DWELLING

(1042) LOT 19 BLK 3198 Westwood Park. All work for frame dwelling.

Owner.....Hilda Olson, 119 Le Roy Place, San Francisco.
Architect .....A. J. Olson.
Contractor, Albert J. Olson, 65 Bradford, San Francisco.
Filed Apr. 16, '17. Dated Apr. 14, '17.
Brown coated $500
Completed and accepted..... 600
Usual 35 days..... 700
TOTAL COST, $1800
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME GARAGE

(1043) TWENTY-THIRD, KANSAS, Rhode Island and 24th. One-story frame garage.

Owner.....Bass-Heuter Varnish Works, 24th and Kansas, San Francisco.
Architect .....None.
Contractor....Thos. F. Mitchell, 1370 Utah, San Francisco.
COST, $1098

FRAME DWELLING

(1044) NW BERLIN AND MANSELL. One-story and basement frame dwlg.

Owner.....C. Fratessa, 896 Girard, San Francisco.
Architect .....None.
Contractor....Jos. S. Fratessa, 896 Girard, San Francisco.
COST, $1000

FRAME DWELLING

(1045) W SIXTEENTH AVE 300 N Cabrillo. One-story and basement frame dwelling.

Owner.....Wm. Klute, 349 Clement, San Francisco.
Architect .....None.
Contractor....T. E. Mohler, 255 8th Ave San Francisco.
COST, $1950

FRAME TANK HOUSE

(1046) N FRANCISCO 82 E Taylor. Frame tank house on roof.

Owner.....California Packing Corp., 120 Market, San Francisco
Engineer .....Phillip L. Bush, 120 Market, San Francisco.
Day's work. COST, $600

ALTERATIONS

(1047) NO. 365 THIRD. Enlarge vent, etc.

Owner.....Robt. McMillan, 598 15th Ave., San Francisco.
Architect .....None.
Day's work. COST, $450

FRAME FLATS

(1048) N TWENTY-THIRD AVE 75 S California. Two-story and basement frame (2) flats.

Owner.....Anderson & Johnson, 47-A Landers, San Francisco.
Architect .....None.
Day's work. COST, $4000

FRAME DWELLING

(1049) S TWENTY-FIRST 100 W Diamond. Two-story and basement frame dwelling.

Owner.....Jos. Koch, 4109 21st, S. F.
Architect .....None.
Day's work. COST, $2000

ALTERATIONS

(1050) NOS. 1132-36 COLE. Alter flats.

Owner.....Mrs. C. Blanchard, 1136 Cole, San Francisco.
Architect .....None.
Contractor....Martin J. Rich, 57 Grattan San Francisco.
COST, $1000

ELECTRICAL WORK

(1051) SW IRVING AND 18TH AVE W 75xS 100. All electrical work for one-story and basement steel and brick library building.

Owner.....City and County of S. F. by Board of Trustees of Public Library & Reading Rooms.
Architect .....G. Albert Lansburgh, 709 Mission, San Francisco.
Contractor....McFell Elec. Co., 223 Minna, San Francisco.
Filed Apr. 16, '17. Dated April 11, '17.
All conduit roughed in.....$317.50
Completed and accepted..... 317.50
Usual 35 days..... 212.00
TOTAL COST, $847.00
Bond, $423.50 in favor of material men and $423.50 in favor of owner. Surety, Massachusetts Bonding & Insurance Co. Limit, without delay to other work. Forfeit, $10. Plans and specifications filed.

(1052) ARCHITECTURAL TERRA cotta on above.

Contractor....N. Clark & Sons, 116 Natoma, San Francisco.
Filed Apr. 16. '17. Dated Apr. 11, '17.
Material required for lower story up to main floor line delivered..$1000
Balance delivered 2000
Completed and accepted..... 1893
Usual 35 days..... 1632
TOTAL COST, $6525
Bond, $3263 in favor of material men and $1632 in favor of owner. Surety Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

(1053) PAINTING AND FINISHING on above.

Contractor....Harry Graper, 50 Farren, San Francisco.
Filed Apr. 16, '17. Dated Apr. 11, '17.
Completed and accepted.....$851
Usual 35 days..... 284
TOTAL COST, $1135
Bond, $568 in favor for material men and $300 in favor of owner. Surety,

Massachusetts Bonding & Insurance Co. Limit, 30 days after completion of finish. Forfeit, $10. Plans and specifications filed.

(1054) EXCAVATING, FILLING, concrete, brick, terra cotta, carpenter, Kalamein, furring, lath, iron roofing, marble, glazing, hardware, etc., on above.
Contractor....P. J. Lynch, 110 Jessie, San Francisco.
Filed Apr. 16, '17. Dated Apr. 11, '17.
Foundation walls to 1st floor framing $3983
Balance of structural concrete, exclusive of basement floor slab 3983
Brick work and exterior terra cotta up to main cornice done.. 3983
Brown coated 3983
Completed and accepted..... 3983
Usual 35 days..... 6640
TOTAL COST, $26,555
Bond, $6638 in favor of owner and $13,278 in favor of material men. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days. Forfeit, none. Plans and specifications filed.

(1055) HEATING ON ABOVE.
Contractor....Scott Co., 243 Minna, San Francisco.
Filed Apr. 16, '17. Dated Apr. 11, '17.
Oil tank, boiler and roughing in done $1300
Completed and accepted..... 495
Usual 35 days..... 600
TOTAL COST, $2395
2 Bonds in favor of material men and owner, $1198 each. Surety, New Amsterdam Casualty Co. Limit, 200 days. Forfeit, $10. Plans and specifications filed.

(1056) PLUMBING AND GAS FITting on above.
Contractor....J. E. O'Mara, 445 Minna, San Francisco.
Filed Apr. 16, '17. Dated Apr. 11, '17.
Roughed in $293
Completed and accepted..... 293
Usual 35 days..... 195
TOTAL COST, $781
Bond, $391 in favor of material men and $200 in favor of owner. Surety, Massachusetts Bonding & Insurance Co. Limit, without delay. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(1057) NO. 815 DIAMOND. Alterations and additions to two-story frame dwelling.
Owner.....Mrs. R. Hirsch, Premises.
Architect .....None.
Contractor....C. F. Weldon, 4202½ 23rd San Francisco.
Filed Apr. 17, '17. Dated Mar. —, '17.
House raised $2000
Ready for plaster..... 175
Plastered 175
Completed 200
Usual 35 days..... 200
TOTAL COST, $950
Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

OFFICE BUILDING
(1058) SE CLAY AND DRUMM S 59-9xE 25. All work for two-story and basement Class "C" office building.
Owner.....Geo. A. Webster, 233 Drumm, San Francisco.
Architect .....O'Brien Bros., 240 Montgomery, San Francisco.
Contractor....S. Lagomarsino, 2115 Powell, S. F.
Filed Apr. 17, '17. Dated Apr. 14, '17.
2nd story high girders and 2nd story joists set..... $1818.75
Brick work done and roof sheathed 1818.75
Plumbing roughed in and electric work roughed in ready for plaster 1818.75
Completed and accepted..... 1818.75
Usual 35 days..... 2425.00
TOTAL COST, $9700.00
Bond, $4875. Surety, National Surety Co. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(1059) S SHIPLEY 150 E Fifth. All work except water proofing for alterations and additions to candy factory.
Owner.....Mrs. Jean De Greayer, Cr. Dist. Atty., Hall of Justice San Francisco.
Architect .....T. Patterson Ross, 310 California, San Francisco.
Contractor....Ira W. Coburn, 180 Jessie San Francisco.
Filed Apr. 17, '17. Dated Apr. 6, '17.
2nd floor joists in place..... $750
Roof rafters in place..... 750
Completed and accepted..... 750
Usual 35 days..... 750
TOTAL COST, $3000
Bond, $1500. Sureties, A. W. Lawson and W. S. Jamieson. Limit, 40 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(1060) E TAYLOR 137-6 N Lombard N 63-3¾ E 82-4½ W 52-8½. All work except plumbing, brick mantels, finish hardware, lighting fixtures, shades, wall beds, etc., for three-story frame store and flats.
Owner.....Peter S. Cerruti, 1739 Mason, S. F.
Architect .....Paul J. Capurro, 1844 Powell, S. F. (uncertificated).
Contractor....V. Filippis, 1526 Powell, San Francisco.
Filed Apr. 17, '17. Dated Apr. 17, '17.
Roof on $2450
Brown coated 2450
Completed and accepted..... 2450
Usual 35 days..... 2450
TOTAL COST, $9800
Bond, $4900. Sureties, Louis Devencenzi and S. Giampolini. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

TILE WORK
(1061) SE NINETEENTH and Lexington E 80xS 85. Hollow tile work for Station E.
Owner.....Pac. Gas & Electric Co., 445 Sutter, S. F.
Architect.....None.
Contractor....White & Gloor, Monadnock Bldg., S. F.
Filed Apr. 17, '17. Dated Apr. 10, '17.
On completion 75%
Usual 35 days 25%
TOTAL COST, $2,530
Bond, $1,300. Sureties, The Aetna Accident and Liability Co. Forfeit, none. Limit, 14 days after notification. Plans and specifications filed.

(1062) NO. 431 SUTTER. Install sidewalk elevator.
Owner.....A. W. Maltby, Premises.
Architect .....None.
Contractor....Otis Elevator Co., Beach and Stockton, S. F.
COST, $2750

ALTERATIONS
(1063) NO. 443 CALIFORNIA. Alter 1st floor.
Owner.....Insurance Exchange Co., Insurance Exchange Bldg San Francisco.
Architect .....Willis Polk Co., Hobart Bldg., San Francisco.
Contractor....Jas. L. McLaughlin, 244 Kearny, S. F.
COST, $600

FRAME DWELLING
(1064) N LECONTE 75 E Lane. One-story and basement frame dwelling.
Owner.....Anton Werner, 1012 Page, San Francisco.
Architect .....None.
Contractor....Jos. Natchke, 1157 Key Ave., San Francisco.
COST, $1450

ALTERATIONS
(1065) NO. 45 ELLIS. Alter for freight elevator.
Owner.....Martin Invst. Co., 1st National Bank Bldg., S. F.
Architect .....None.
Contractor....Otis Elevator Co., Beach and Stockton, S. F.
COST, $1950

REPAIRS
(1066) N GOLDEN GATE AVE 75 E Masonic. General repairs for Home.
Owner.....Protestant Episcopal Old Ladies Home, Premises.
Architect .....L. P. Hobart, Crocker Bldg., San Francisco.
Contractor....W. C. Duncan Co., Sharon Bldg., San Francisco.
COST, $3329

FRAME COTTAGE
(1067) NE QUESADA AVE (17th Ave South) 400 SE Newhall (N) SE 25x NE 100 being Lot 34 Blk 330 Case Tract. All work for one and one-half-story and basement frame cottage.
Owner.....Joseph and L. Giampietro (wife), 1601 Revere Ave., San Francisco.
Architect .....None.
Contractor....T. L. Sharman, 1440 Shafter Ave., S. F.
Filed Apr. 17, '17. Dated Apr. 13, '17.
Frame completed $500
Brown coated 500
Completed and accepted..... 500
Usual 35 days..... 500
TOTAL COST, $2000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(1068) LOT 15 BLK 3178 Westwood Park. All work for one-story frame dwelling.
Owner.....L. A. De Graca, 1161 Hayes, San Francisco.
Architect .....E. J. Spencer, Westwood Park, San Francisco.
Contractor....Joseph Neal.
Filed Apr 18, '17 Dated Apr. 14, '17.
Roof on and enclosed..... $825
Brown coated 825
Completed 825
36 days after 825
TOTAL COST, $3300
Bond, $1650. Sureties, Seth Walker and G. H. Walker. Limit, 75 days after April 16. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS
(1069) S VALLEJO 67-6 E Grant Ave E 42 11½S 28W 22 11½ S 32 W 20 N 60. All work for two story and basement frame apartment.
Owner.....Lodovico P. and Amedeo Costa, 924 Vallejo, S. F.
Architect.....L. Traverso, 581 Union, San Francisco.
Contractor.....G. B. Pasqualetti and G. Trevia, 32 Harwood Place, San Francisco.
Filed Apr. 18, 17. Dated Apr. 16, '19.
Concrete storage ready for frame ..... $ 900
Enclosed and roof on..... 1900
Brown coated 1900
Completed and accepted..... 1900
Usual 35 days 2200
TOTAL COST, $8800
Bond, none. Limit, 90 days from April 20, 1917. Forfeit, none. Plans and specifications filed.

GARAGE
(1070) NO. 1932 ELLIS. Garage in basement.
Owner.....J. Tieulie, Premises.
Architect.....None.
Contractor.....Delaney & Gutteridge, 619½ Clayton, S. F.
COST, $400

CONCRETE GARAGE
(1071) NO. 3760 CLAY. One-story concrete garage.
Owner.....A. Eisenburg, Premises.
Architect.....None.
Contractor.....Delaney & Gutteridge, 619½ Clayton, S. F.
COST, $568

FRAME DWELLING
(1072) W GRANADA 100 S Holloway One-story and basement frame dwlg
Owner.....J. M. Butler, 97 Holloway, San Francisco.
Architect.....None.
Contractor.....J. M. Butler, 97 Holloway, San Francisco.
COST, $500

FRAME DWELLING
(1073) W LONDON 275 N Russia. One-story and basement frame dwelling.
Owner.....Luigi Franzatti.
Architect.....Jos. Bisio, 227 Brazil Ave., San Francisco.
Contractor.....S. Arata, 695 London, San Francisco.
COST, $1400

FRAME WAREHOUSb
(1074) N SEVENTEENTH 102-6 W Mission. One-story frame warehouse.
Owner.....Frank E. Lawson, 57 Collingwood, San Francisco.
Architect.....None.
Day's work. COST, $600

UNDERPIN WALL
(1075) S PINE bet. Larkin and Polk Underpin brick wall.
Owner.....W. H. Hanley.
Architect.....None.
Contractor.....Thos. F. Mulcahy, 180 Jessie, San Francisco.
COST, $660

ALTERATIONS
(1076) NO. 310 CALIFORNIA. Alter offices.
Owner.....Babcock Estate Co., 310 California, S. F.
Architect.....N. Blaisdell, 255 California, San Francisco.
Day's work. COST, $800

ALTERATIONS
(1077) NO. 18 BYINGTON. General alterations to dwelling.
Owner.....Henrietta McLean, 639 Baker, San Francisco.
Architect.....None.
Contractor.....Kronnick Bros., 1650 O'Farrell, San Francisco.
COST, $850

FRAME DWELLING
(1078) W HOLLADAY 92 N Faith. One-story and basement frame dwlg.
Owner.....John and Eva Planka, 338 Holladay, S. F.
Architect.....None.
Contractor.....Jacob F. Nielson, 2350 Bryant, San Francisco.
COST, $1375

PLATFORMS
(1079) N TWENTIETH bet. Minnesota and Indiana. Concrete and plank floor, brick platforms for tanks, brick boiler house and fence, grading, etc.
Owner.....N. Y. Lubricating Oil Co., 516 Second, S. F.
Architect.....None.
Day's work. COST, $3000

BRICK ENGINE HOUSE
(1080) SANSOME, MONTGOMERY, Lombard and Greenwich. One-story brick engine house.
Owner.....Merchants' Ice & Cold Storage Co., Battery and Lombard, San Francisco.
Architect.....Ed. Kollofrath, 649 Masonic Ave., San Francisco.
Contractor.....H. H. Larsen & Bro., Lick Bldg., San Francisco.
COST, $1000

FRAME RESIDENCE
(1081) E TWENTY-NINTH AVE 75 S Lincoln Way E 120 S 66-8 being Lots 1214 and 1220 Park Way Terrace. All work except heating and hot water system for two-story and basement and attic frame residence.
Owner.....C. E. Cutter, 22 Washington, San Francisco.
Architect.....August G. Headman, New Call Bldg., S. F.
Contractor.....F. Nelson & Sons, 2701 Lincoln Way, S. F.
Filed Apr. 19, '17. Dated Apr. 17, '17.
Foundations completed $1000
Frame up 1000
Brown coated 1250
Standing finish on..... 2000
Completed and accepted..... 3000
Usual 35 days..... 2750
TOTAL COST, $11,000
Bond none. Limit, 120 days. Forfeit, $10. Plans and specifications filed.

FRAME APARTMENTS
(1082) NE OCTAVIA & O'FARRELL E 32-6xN 137-6. Electric work for three-story and basement frame 16 apartments.
Owner.....B. W. Hartman, 1292 O'Farrell, San Francisco.
Architect.....Frederick H. Meyer, Bankers' Invst. Bldg., S. F
Contractor.....Pacific Fire Extinguisher Co., 272 Steuart, S. F.
Filed Apr. 19, '17. Dated Apr. 12, '17.
On 1st of each month. 75%
Usual 35 days 25%
TOTAL COST, $1650
Bond, $825. Sureties, W. S. Davis and W. F. Hougaard. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1083) HEATING WORK ON ABOVE
Contractor.....Scott Co., 243 Minna, San Francisco.
Filed Apr. 19, '17. Dated Apr. 12, '17.
Payments same as above.....
TOTAL COST, $1695
Bond, $847.50. Surety, New Amsterdam Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1084) PLUMBING ON ABOVE.
Contractor.....A. Lettich, 365 Fell, S. F.
Filed Apr. 19, '17. Dated Apr 12, '17.
Payments same as above.....
TOTAL COST, $4875
Bond, $2437.50. Sureties, A. F. Holmberg and J. P. Johnson. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1085) WRECKING, EXCAVATING, concrete, brick, glass, glazing, ornamental iron, marble, sheet metal, roof, carpentry, plastering, etc., on above.
Contractor.....A. Ahlbach, 107 Collingwood, S. F.
Filed Apr. 19, '17. Dated Apr. 12, '17.
Payments same as above.....
TOTAL COST, $15,955
Bond, $7977.50. Sureties, W. J. Ahlbach and J. R. Castro. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1086) PAINTING ON ABOVE.
Contractor.....I. R. Kissel, 1747 Sacramento, San Francisco.
Filed Apr. 19, '17. Dated Apr. 12, '17.
Payments same as above.....
TOTAL COST, $1300
Bond, $650. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(1087) N PERU 25 E Madrid. One-story and basement frame dwelling.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect.....None.
Day's work. COST, $1400

(1088) N PERU 50 E Madrid. One-story and basement frame dwelling.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect.....None.
Day's work. COST, $1400

FRAME DWELLING
(1089) N PERU 75 E Madrid. One-story and basement frame dwelling.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect.....None.
Day's work. COST, $1400

FRAME DWELLING
(1090) NE PERU AND MADRID. One story and basement frame dwelling.
Owner.....L. Depaoli, 3289 Mission, San Francisco.
Architect.....None.
Day's work. COST, $1400

FRAME DWELLING
(1091) SW BACHE AND BENTON. One and one-half-story and basement frame dwelling.

Owner .....Jos. Hahn, 41 Bach, S. F.
Architect .....None.
Day's work. COST, $1500

RETAINING WALL
(1092) E BRYANT 60 S 26th. Erect retaining wall.
Owner.....W. Esters von Krackan, 2801 Bryant, S. F.
Architect .....None.
Day's work. COST, $700

ELECTRIC SIGNS
(1093) NO. 931 KEARNY. Electric signs.
Owner.....Chelli & Pavia, Premises.
Architect .....None.
Contractor....Ellis Elec. Constr. Co., 238 Natoma, San Francisco.
COST, $500

ADDITION
(1094) E TAYLOR 107-6 E Jefferson. Move two-story frame building and add basement.
Owner.....A. Bologna, 10 Roach, San Francisco.
Architect .....None.
Contractor....R. De Lucca, 2256 Jones, San Francisco.
COST, $1400

FRAME SHOP
(1095) E VALENCIA 150 N 15th N 50xE 100. All work for one-story brick and frame paint shop.
Owner.....Caroline D. Holman and Harry Durbrow, Care Buckbee-Thorne, Agents.
Architect .....E. A. Garin, Hearst Bldg., San Francisco.
Contractor....Brandon & Lawson, 180 Jessie, San Francisco.
Filed Apr. 19, '17. Dated Apr. 13, '17.
Brick walls up story high.....$1625
Roof sheathed 1625
Completed 1625
Usual 35 days..... 1625
TOTAL COST, $6500
Bond, none. Limit, 45 days from filing Forfeit, $5. Plans and specifications filed.

CLASS "C" OFFICES, ETC.
(1096) E BATTERY 91-8 N Pine. Two story and basement Class "C" offices and lofts.
Owner.....White Investment Co., Newhall Bldg., S. F.
Architect .....G. A. Applegarth, Claus Spreckels Bldg., S. F.
Contractor....Geo. A. Bos., Hearst Bldg., San Francisco.
COST, $20,000

ALTERATIONS
(1097) E GRANT AVE 100 S Geary. Remove columns, put in new truss, etc., for salesroom.
Owner.....Bankers' Investment Co., 437 Bankers' Investment Bldg., San Francisco.
Architect.....F. H. Meyer, 437 Bankers' Investment Bldg., S. F.
Contractor....Larsen & Sampson, Crocker Bldg., S. F.
COST, $2500

OFFICE FIXTURES
(1098) SW FIRST AND FOLSOM. All work for office and show room fixtures in candy factory building.
Owner.....Gimbal Brothers.
Architect .....Alfred Kuhn, Pacific Bldg. San Francisco.
Contractor....Mullen Mfg. Co., 64 Rausch, San Francisco.

Filed Apr. 20, '17. Dated Apr. 18, '17.
On 1st and 15th of each month 7
Usual 35 days 25
TOTAL COST, $2825
Bond, none. Limit, 35 days after Apr. 19, 1917. Forfeit, $10. Plans and specifications filed.

FRAME RESIDENCE
(1099) S TWENTY-EIGHTH 180 W Castro W 25xS 114. All work for one-story and basement frame residence.
Owner.....Alexander Aleidi.
Architect .....None.
Contractor....Cuneo Bros., 152 Tiffany Ave., San Francisco.
Filed Apr. 20, '17. Dated Apr. 19, '17.
Frame up $500
Brown coated 500
Completed and accepted..... 550
Usual 35 days..... 500
TOTAL COST, $2050
Bond, $1050. Surety, Domenico Cuneo. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1100) LOTS 3 AND 5 BLK 3189 Westwood Park. All work for two two-story frame residences.
Owner.....Francis Smith and Wm. Smith, 303 Church, S. F.
Architect .....None.
Contractor....Smith Bros., 303 Church, San Francisco.
Filed Apr. 20, '17. Dated Apr. 20, '17.
Payments not given.....
TOTAL COST, $4200 each
Bond, limit, forfeit, none. Plans and specifications filed.
Note—1st report No. 144.

FRAME DWELLING
(1101) LOT 16 BLK 3178 Westwood Park. All work for one-story frame dwelling.
Owner.....Young E. and Kathryn E. Hurt, 1155 Hayes, S. F.
Architect .....E. J. Spence, Westwood Park.
Contractor....Jas. Arnott & Son, 517 Noe, San Francisco.
Filed Apr. 20, '17. Dated Apr. 18, '17.
Frame up and enclosed.....$688.75
Brown coated 668.75
Completed and accepted..... 668.75
Usual 35 days..... 668.75
TOTAL COST, $2675.00
Bond, $1337.50. Surety, Royal Indemnity Co. Limit, 100 days from April 18. Forfeit, none. . Plans and specifications filed.
Note—Location E Plymouth 26 N San Ramon.

FRAME DWELLING
(1102) E GRANADA 174 S Southwood Drive. One-story and basement frame dwelling.
Owner.....Ernest Heuter, 38 Walter, San Francisco.
Architect .....None.
Contractor....A. J. Olson, 4631 18th. San Francisco.
COST, $2500

FRAME FLATS
(1103) S OAK 56-3 E Cole. Two-story and basement frame (4) flats.
Owner.....Co-Operative Home Bldg. Co., 1125 Fillmore, S. F.
Architect .....None.
Day's work. COST, $5000

FRAME RESIDENCE
(1104) E FOURTH AVE 124-4 S Cabrillo. Two-story and basement frame residence.
Owner Thos Scoble, 5115 Geary, San Francisco.
Architect .....E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $4000

FRAME DWELLING
(1105) NE TENTH AVE & MORAGA. One-story and basement frame dwlg
Owner.....Wm. Koenig, Cr Architect
Architect .....Koenig & Christiansen, 914 Humboldt Bank Bldg., San Francisco.
Day's work. COST, $3000

FRAME DWELLING
(1106) E TENTH AVE 50 N Moraga. One-story and basement frame dwlg
Owner.....Wm. Koenig, Cr Architect
Architect .....Koenig & Christiansen, 914 Humboldt Bank Bldg., San Francisco.
Day's work. COST, $3000

CONCRETE FLOOR
(1107) NO. 115 COLLINGWOOD. Concrete floor, walls and passageway.
Owner.....Antoinette L. Stolz, Prem.
Architect.. ....None.
Contractor....J. C. Brown, 172 Caselli, San Francisco.
COST, $500

FRAME GARAGE
(1108) NO. 2218 LAKE. One-story frame garage.
Owner.....L. W. Sanborn, Premises.
Architect .....None.
Day's work. COST, $450

LEASES.

San Francisco County.

Apr. 18, 1917—NOS. 544, 546 AND 548 Green. Nicola Foppiano and Matilda Leveroni to Prospero Magone and Pasquale Bianco. 10 years. $16,200.

Apr. 18, 1917—NO. 628 TWENTIETH. Mrs. Margaretha Hollman to Rinaldo Bianchi. 4 years. $30.

Apr. 19, 1917—SW ELLIS and Leavenworth S 54-6xW 56-6. B. B. Cory to Catherine P. Murphy. Three years, $5,508.

Apr. 16, 1917—SE STEVENSON 464-11 SW Sixth SW 35 SE 150 NE 25 NW 75 NE 10 NW 75. Sarah Mogan to Cole Investment Co. $75 per month.

Apr. 17, 1917—N PACIFIC 162-6 E Powell E 24-10xN 137-6. Emma S Branscheid to Jeronimo Meabe. 60 months. $1800.

NOTICE OF NON-RESPONSIBILITY.

San Francisco County.

Apr. 17, 1917—NW O'FARRELL & Stockton N 137-6xW 137-6. Hyman Bros Co as to improvements on leased property .....

COMPLETION NOTICES

San Francisco County.

RECORDED ACCEPTED
Apr. 14, 1917—NW PRESIDIO AVE and Jackson N 86-6xW 90. Jas

Otis and M Hall McAllister, Trs Estate I O Bigelow, decd to American Elec Eng Co and Jas H Pinkerton ..... Mar. 8, 1917

Apr. 14, 1917—W MISSION 75 N 24th N 51-4½xW 117-6. Commercial Center Realty Co to R W Moller.....April 14, 1917

Apr. 14, 1917—E CARR 300 N Salinas Ave 25x100. C Z Sutton to whom it may concern....Apr. 7, 1917

Apr. 14, 1917—N JACKSON 107-6 W Laurel W 30xN 127-8. Leonard Jacobi to Arthur Elvin..Apr. 11, 1917

Apr. 16, 1917—SW GEARY and Leavenworth S 77-6xW 68-9. Arthur A. Rosseau to Gerard Inv. Co. ..... April 16, 1917

Apr. 16, 1917—N PACIFIC AVE 169 E Buchanan E 37-3xN 127-8¼. Harry P Franklin to Vincent E Powers.....April 10, 1917

Apr. 16, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Alexander Coleman..... ..... April 13, 1917

Apr 16, 1917—W TWENTY-FOURTH Ave 25 N California N 25xW 95. John Gray to Fred McKay..... .....April 14, 1917

Apr. 17, 1917—SE FOLSOM 137-6 SW Second SW 137-6xSE 275. Wells Fargo Co to Carnahan & Mulford .....April 16, 1917

Apr. 17, 1917—LOT 8 BLK 6460, Crocker Amazon Tract Sub No. 2. John Bjorkman to whom it may concern.....April 13, 1917

Apr. 18, 1917—W THIRTY-THIRD Ave 25 N Irving N 25xW 95. Oscar Swanson to whom it may concern.....April 18, 1917

Apr. 18, 1917—N PINE 220-1½ W Van Ness Ave W 27-1½xN 137-6. Leo Oberdeener to John Flaherty .....April 17, 1917

Apr. 18, 1917—S FILBERT 76-3 W Pierce W 36-3xS 62-6. Conservative Bldg & Invst Co to whom it may concern.....April 17, 1917

Apr. 18, 1917—E TWENTY-7TH Ave 250 S West Clay S 50xE 120. Percy D Tyler to whom it may concern.....Apr. 18, 1917

Apr. 18, 1917—S SUTTER 110 W Sansome S 98-7⅛ SW 33-10¾ N 118-4¾ E 27-6. Freeborn Estate Co to whom it may concern..... .....April 14, 1917

Apr. 18, 1917—S FIFTEENTH AVE 325 N Fulton N 25xE 127-6. Stillman E Brown to whom it may concern.....April 18, 1917

Apr. 19, 1917—E FIFTEENTH AVE 121 N Balboa N 35xE 127-6. Jacob Weissbein to Martin and Hans Nelson .....April 18, 1917

Apr. 19, 1917—S EVANS AVE from center line Selby E 322 x N Evans Ave from center line of Selby E 157. Southern Pacific Co to Western Motor Drayage Co..Apr. 12, 1917

Apr. 19, 1917—S DIVISION between Bryant and Potrero Ave. Southern Pacific Co. to Raisch Improvement Co.....April 12, 1917

Apr. 19, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to Morrison & Co..... .....April 18, 1917

Apr. 20, 1917—NO. 2550 BROADWAY A. R. Fritschi to Wm. Martin..... .....April 19, 1917

Apr. 20, 1917—NE SACRAMENTO & Webster N 255-4½xE 275. The Board of Trustees of the Leland Stanford Junior University to White & Gloor.....April 2, 1917

Apr. 20, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Morrison & Co ....April 18, 1917

Apr. 20, 1917—SW MEDA AVE 265 E Delano Ave No. 37 Meda Ave. Ernest and Dora Schneeberger to Bailey & Connell.....Apr. 19, 1917

Apr. 20, 1917—W TWENTIETH AVE 150 S Geary 25x120. Lillian J Murphy to N John Nelson..April 19, 1917

Apr. 20, 1917—E FORTY-SECOND Ave 225 S Balboa S 25xE 120. Thos Hamill to whom it may concern ..... April 18, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

Apr. 14, 1917—E RAMONA AVE 30 S 14th. J S Guerin & Co vs Pacific Concrete & Mosaic Co and Ernest A Knoop.....$20.40

Apr. 14, 1917—N CLARA 403 E Sixth E 25xN 80 No. 254 Clara. John Koschnitzki vs Anna Doyle $75

Apr. 14, 1917—COMG. at pt dist the following courses and dist from intersection of NE Crafton Way and NW Claremont Court, on a curve to left whose center bears S 53 deg 03 min 33 sec N 75 deg and whose central angle is 24 deg 23 min 33 sec 319.29 and N 61 deg 20 min W 305.216 N 61 deg 20 min W 35 N 28 deg 40 min E 100 S 61 deg 20 min E 36 S 28 deg 40 min N 100 being Lot 23 and strip 6 feet wide on NW side Lot 22 Blk 2976 Merritt Terrace. C Chessare vs Charles King and Byrd O Smith (as Universal Bldg Co) & Adolph Gunzendorfer and Charles H Dyett $83.60

Apr. 16, 1917—NE COLUMBUS AVE and W Montgomery NW 164-7¼ E 106-4 S 126-6. P H Jackson & Co vs Banca Poplare Fugazi to F J Melbourne $437.75

of Claremont Blvd 30x100 Lot 23 and Ptn 22 Blk 2976 Merritt Terrace. William A Hayes vs Chas H Dyett, Chas King and Byrd O Smith $50

Apr. 16, 1917—W SECOND AVE 200 S Cornwall S 25xW 100. A Seghieri & Bro Inc vs Carl Larson.....$49

Apr. 17, 1917—W PERU AVE AND NW Madrid SW 75xNW 75. W P Fuller & Co vs H. E. and T. W. MacArthur (as MacArthur Bros.) $55

Apr. 17, 1917—N CROFTON WAY 131.069 E Claremont Blvd E 30x N 100. W P Fuller & Co vs B O Smith, Adolph Gunzendorfer and Chas H Dyett $110

Apr. 18, 1917—E BARTLETT 200 S 24th. Wm J O'Brien vs C G F Peterson $8.50

Apr.. 19, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120; E 12th Ave 225 N Cabrillo N 25xE 120. Leis & Jourdain vs. R. McLelland $115

Apr. 19, 1917—W TWENTIETH AVE 175 N Balboa N 25xW 120. Pacific Gas Appliance Co vs. Arthur J. Boynton $160

Apr. 20, 1917—N SEACLIFF AVE and W 27th avenue which point is 6 deg 28 min W 6.66 from stone monument in 27th Ave at W end of Sea Cliff Ave. th from said starting point N 3 deg 23 min W 175.64 to tide water of Pacific Ocean the following tide water line S 59 deg 45 min E 30.48 N 69 deg 45 min E 40.55 th leaving tide water S 3 deg 23 min E 167.-06 S 83 deg 32 min W 64..29 to beg lot 76 and lands adj on W sub 1 Sea Cliff. Reinhart Lumber and Planing Mill Co. vs. Frank M. Garden and Mary E. Doble.... .....$559.84

Apr. 20, 1917—LOT 23 and a strip of land 6 feet wide on W side lot 22 Blk 2976, Merritt Terrace. Reinhart Lumber and Planing Mill Co. vs. Chas. King, Byrd O. Smith, Adolph Gunzendorfer and Chas. H. Dyett $633

Ransome Crummey Co vs Alice M Fox $206

Apr. 20, 1917—NE GRAFTON AVE and Plymouth Ave E 50xN 100.

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and base, frame $30,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mr. Prenville. Location, southeast East 12th street and First avenue. Will contain a number of three and four room suites. Plans complete and figures being taken.

SHOP BUILDING—1 story, steel and brick, $33,000. Alameda, Alameda Co., Cal. Architect, F. Neitzel, Union Iron Works, S. F Location, Webster street. Plans are complete and a contract to be awarded.

RESIDENCE—1 story and base, frame, $3,500. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. Location, Piedmont Heights. Will contain seven rooms, bath and sleepinig porch. Separate garage. Plans are being prepared.

RESIDENCE—1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, H. H. Watkinson, 630 18th street, Oakland. Location, north East 8th street east 6th avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $3,500. Oakland, Cal. Architect, none. Owner, H. S. Pratt, 1015 Glendora, Oakland. Location, north Fairbanks avenue east Crofton avenue. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,600. Oakland, Cal. Architect, none. Owner, C. W. Glantz, 1932 88th avenue, Oakland. Location, east 25th avenue east 29th street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $18,000. Piedmont, Alameda Co., Cal. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, William L. Wheeler. Will contain fourteen rooms, several baths and sleeping porches. Separate garage. Plans complete and figures being taken.

RESIDENCE—2 story and base, frame, $5,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. E. Sinclair, 919 Fresno street, Berkeley. Location, south El Dorado west Hopkins. Will contain niine rooms and bath. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE 1 story and base, frame, $5,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, George S. Risher, 1814 Hearst avenue, Berkeley. Location, 1801 Delaware St. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, C. J. Smith, 5222 East 14th street, Oakland. Location, west 54th avenue east 14th. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $3,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, Al Kaufman. Location, north Spruce street west Park Boulevard. Will contain eight rooms, two baths and sleeping porch. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $3,500. Oakland, Cal. Architect, E. W. Cannon, Central Bank Bldg., Oakland. Owner, E. W. Rawlins, Location, Lakewood Park. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

STORE—1 story and base, frame, $4,000. Oakland, Cal. Architects, Milwain Bros., Albany Bldg., Oakland. Owners, Margaret N. and Jane E. Montgomery. Location, 42nd and Telegraph. Will contain one small store. Plans complete and figures being taken.

Contract Awarded.

FACTORY BUILDINGS—4, 1 and 2 story. Class C construction, $84,000. Emeryville, Alameda Co., Cal. Engineer, L. S. Rosener, Insurance Exchange Bldg., S. F. Owners, Paraffine Paint Co. Contractors, Clinton Construction Co., 140 Townsend street, S. F. Contract price, $84,000.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
772	Byer	Dotson	1000
774	Fuller	Vaughn	2618
775	Miller	Miller	500
776	Patty	Patty	450
777	Luigi	Aurelio	900
778	Reiss	Reiss	600
779	Bellingall	Cederborg	400
780	Rainero	Garello	450
781	Skaggs	Skaggs	600
782	Glanz	Glanz	1600
783	Pratt	Pratt	3500
784	Kimball	Marshall	18000
789	Armstrong	Allen	500
790	Owens	Button	500
791	Barry	Horning	800
792	Chandler	Ernsberger	10000
793	Mills	Arlett	110000
795	Swanson	Buhman	1600
796	Smith	Smith	1200
797	Armstrong	Allen	600
798	Owens	Button	650
800	Keen	Shannon	1200
805	Cannister	Rainero	400
806	Bacon	Soule	850
807	Kaufman	Kaufman	3500
808	Cal Cotton Mills	Owner	400
809	Small	Tullock	645
810	Mathews	Higgins	400
811	Churchhouse	Jones	400
812	Taft	Von Werder	800
813	Galindo	Fagel	700
814	Graff	Larmer	4500
815	Carter	Carter	-

DWELLING
(771) N OLIVE 161 E 94th Ave., Oakland. One-story 4-room dwelling.
Owner.....J. R. Byer, 1942 94th Ave., Oakland.
Architect .....None.
Contractor....J. H. Dotson, 9709 Plymouth, Oakland.
COST, $1000

DWELLING
(774) LOT 18, Map Fuller & Todd Tract, Oakland. All work for one-story five-room dwelling.
Owner.....Fuller & Todd Realty Co., 7920 E-14th St., Oakland.
Architect.....None.
Contractor....M. C. Vaughn, 5833 Ayala avenue, Oakland.
Filed Apr. 16, '17. Dated Apr. 13, '17.
Frame up $654.62
Brown coated 654.62
Completed and accepted 654.62
Usual 35 days 654.63
TOTAL COST,, $2,618.50
Bond, $1,309.25. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

BOILER HOUSE
(775) NO. 2425 GROVE, Oakland. One story concrete boiler house.
Owner.....Alice A. Miller, 1537 23rd Ave., Oakland.
Architect .....None.
Day's work. COST, $500

ADDITION
(776) NO. 901 THIRTY-FIFTH, Oakland. Addition.
Owner.....S. M. Patty, Premises.
Architect .....None.
Day's work. COST, $450

DWELLING
(777) S FORTY-FIFTH 60 W Linden Oakland. One-story 4-room dwlg.
Owner.....Camaparo Luigi, 976 45th, Oakland.
Architect .....None.
Contractor....G. Aurelio, 2124 Polk, San Francisco.
COST, $900

DWELLING
(778) NO. 2525 DOUGLAS, Oakland. One-story 3-room dwelling.
Owner.....George Reiss, 4120 E-17th Oakland.
Architect .....None.
Day's work. COST, $600

GREENHOUSE
(779) NO. 348 PALM AVE., Oakland. Greenhouse.
Owner.....R. R. Bellingall, Premises
Architect .....None.
Contractor....Cederborg & Anderson, 1443 E-37th, Oakland.
COST, $400

ALTERATIONS
(780) NO. 315 FIFTY-FIRST, Oakland. Alterations.
Owner.....B. Rainero, 311 51st, Okd.
Architect .....None.
Contractor....Garello & Cisero, 311 51st, Oakland.
COST, $450

REPAIRS
(781) NO. 536 FORTY-FOURTH, Oakland. Fire repairs.
Owner.....J. H. Skaggs, 557 45th, Oakland.
Architect .....None.
Day's work. COST, $600

DWELLING
(782) E TWENTY-FIFTH AVE 90 S E-29th, Oakland. One-story 5-room dwelling.
Owner.....C. W. Glantz, 1932 88th Ave., Oakland.
Architect .....None.
Day's work. COST, $1600

DWELLING
(783) N FAIRBANKS AVE 680 E Crofton Ave., Oakland. Two-story 7-room dwelling.
Owner.....H. S. Pratt, 1015 Glendora Oakland.
Architect .....None.
Day's work. COST, $3500

THEATRE AND STORES
(784) NE PIEDMONT AND LINDA Aves., Oakland. Two-story concrete and frame theatre and stores.
Owner.....J. S. Kimball Co., 775 Kingston Ave., Oakland.
Architect .....None.
Contractor....J. A. Marshall, Claremont Court, Berkeley.
COST, $18,000

FIRE REPAIRS
(789) NO. 446 SIXTY-FIFTH, Oakland. Fire repairs.
Owner.....B. F. Armstrong, Los Gatos, California.
Architect .....None.
Contractor....F. E. Allen, 2545 Ward, Berkeley.
COST, $500

GARAGE
(790) N ASHMOUNT 500 W Mandana Blvd., Oakland. Garage.
Owner.....J. A. Owens, 350 63rd, Oakland.
Architect .....None.
Contractor....I. W. Button, 347 63rd, Oakland.
COST, $500

DWELLING
(791) W EIGHTY-SIXTH AVE 150 N "G," Oakland. One-story 4-room dwelling.
Owner.....Ed. Barry, 621 Oak, Okd.
Architect .....None.
Contractor....John Horning, 1715 Filbert, Oakland.
COST, $800

APARTMENTS
(792) SW EIGHTH AND LINDEN, Oakland. Two-story 24-room apartments.
Owner.....H. E. Chandler, 5548 Lawton, Oakland.
Architect .....None.
Contractor....Frank A. Ernsberger, 6245 College, Oakland.
COST, $10,000

DORMITORY
(793) MILLS COLLEGE, Oakland. Three-story dormitory.

Owner.....Mills College, Premises.
Architect.....Bakewell & Brown, 257 Kearny, San Francisco.
Contractor.....Arthur Arlett, Call Bldg., San Francisco.
COST, $110,000

DWELLING
(795) E FORTY-SECOND AVE 350 N Foothill Blvd., Oakland. One-story five-room dwelling.
Owner.....Harry Swanson, Oakland.
Architect.....None.
Contractor.....Peter Buhman, 2412 Palmetto Ave., Oakland.
COST, $1600

DWELLING
(796) W FIFTY-FOURTH AVE 140 N E-14th, Oakland. One-story five-room dwelling.
Owner.....C. J. Smith, 5222 E-14th, Oakland.
Architect.....None.
Day's work. COST, $1200

REPAIRS
(797) NO. 446 SIXTY-FIFTH, Oakland. Fire repairs.
Owner.....B. F. Armstrong, Los Gatos, Cal.
Architect.....None.
Contractor.....F. E. Allen, 2445 Ward, Oakland.
COST, $500

GARAGE
(798) N ASHMOUNT 500 W Mandana Blvd., Oakland. Garage.
Owner.....J. A. Owens, 350 63rd, Oakland.
Architect.....Maybeck & White, 35 Montgomery, S. F.
Contractor.....I. W. & F. Button, 347 63rd, Oakland.
COST, $650

ADDITION
(800) NO. 1915 TWENTY-FIFTH Ave., Oakland. Add to dweling.
Owner.....Miss A. H. Keen, Prem.
Architect.....None.
Contractor.....T. H. Shannon, 1928 Irving, Oakland.
COST, $1200

BRICK GARAGE
(803) GORE PIEDMONT AVE AND Broadway, Oakland. One-story concrete and brick garage.
Owner.....Eisenback Co., 408 Flatiron Bldg., San Francisco
Architect.....Falch & Knoll, Hearst Bldg., San Francisco.
Day's work. COST, $25,000
SHOP

ADDITION
(805) NO. 921 FORTY-FIRST, Oakland. Addition.
Owner.....A. Cannister, Premises.
Architect.....None.
Contractor.....D. Raineri, 4125 Market, Oakland.
COST, $400

ALTERATIONS
(806) NO. 470 ELEVENTH, Oakland. Alterations.
Owner.....Bacon & Soule, Bacon Bldg., Oakland.
Architect.....None.
Day's work. COST, $850

DWELLING
(807) N SPRUCE 136 W Park Blvd., Oakland. One-story 8-room dwlg.
Owner.....Al. Kaufman, 1529 Clay, Oakland.
Architect.....None.
Day's work. COST, $3500

TANK FRAME
(808) E ELEVENTH AND COTTON, Oakland. Tank frame.
Owner.....California Cotton Mills, Premises.
Architect.....None.
Day's work. COST, $400

ADDITION
(809) NO. 5103 FAIRFAX AVE., Oakland. Addition.
Owner.....Dr. Chas. K. Small, Prem.
Architect.....None.
Contractor.....H. Tullock, 2445 24th Ave. Oakland.
COST, $645

ALTERATIONS
(810) FOOT EIGHTY-THIRD AVE., Oakland. Alterations.
Owner.....Miss Kate Mathews, Prem
Architect.....None.
Contractor.....W. H. Higgins, 2477 94th Ave., Oakland.
COST, $400

GARAGE
(811) NO. 638 TWENTY-NINTH, Oakland. Garage.
Owner.....Mrs. F. Churchouse, 1060 Bush, San Francisco.
Architect.....None.
Contractor.....F. G. Jones, 1217 Webster Oakland.
COST, $400

FACTORY
(812) SE FIFTH AND OAK, Oakland One-story box factory.
Owner.....Taft & Farnham, Prem.
Architect.....None.
Contractor.....G. H. Von Werder, 3524 14th Ave., Oakland.
COST, $800

REPAIRS
(813) W FRANKLIN 100 S Eighth, Oakland. Sidewalk repairs.
Owner.....Galindo Estate.
Architect.....None.
Contractor.....J. P. Fagel, 4361 Howe, Oakland.
COST, $700

DWELLING
(814) N LAKE PARK AVE 270 E Lakeshore Ave., Oakland. Two-story 9-room dwelling.
Owner.....L. C. Graff 3121 Lewiston Ave., Berkeley.
Architect.....None.
Contractor.....Edw. Larmer, 470 Boulevard Way, Oakland.
COST, $4500

FRAME DWELLINGS
(815) LOTS 8, 9, 10, 16, 17, 18, 21, 22 and 23 Brookside Manor, Oakland. Plans and specifications only filed for one-story 5-room frame dwellings.
Owner.....L. H. Carter.
Architect.....None.
Contractor.....Not given.
Filed Apr. 21, '17. Dated ——.
TOTAL COST, $— -
Bond, limit, forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
771	Detrick	Jarvis	500
773	Watkins	Scott	3400
785	Sullivan	Sullivan	14400
786	Sinclair	Sinclair	5000
787	Allison	Allison	2000
788	Risher	Risher	2000
799	Myson	Grandian	2000
801	Heywood	Texdahl	10000
803	Eisenbach	Eisenbach	25000

REPAIRS
(772) NO. 2907 HILLEGASS, Berkeley. Repairs.
Owner.....E. Detrick, Premises.
Architect.....None.
Contractor.....Walter Jarvis, 242 Oakland Ave., Oakland.
COST, $500

DWELLING
(773) N STUART 180 W Ellsworth, Berkeley. Two-story 7-room dwlg.
Owner.....Joseph Watkins, 2311 Stuart, Berkeley.
Architect.....None.
Contractor.....John T. Scott, 2800 Fulton, Berkeley.
COST, $3400

APARTMENTS
(785) W HILLEGASS 50 S Stuart, Berkeley. Three-story 28-room apartments.
Owner.....Amelia Shackleford Sullivan, Carlton Hotel, Bkly
Architect.....None.
Contractor.....W. S. Sullivan, 1st Savings Bank Bldg., Oakland.
COST, $14,400

DWELLING
(786) S EL DORADO 198 W Hopkins, Berkeley. Two-story 9-room dwlg.
Owner.....C. E. Sinclair, 919 Fresno, Berkeley.
Architect.....None.
Day's work. COST, $5000

DWELLING
(787) W Bonar 60 S Channing, Berkeley. One-story 4-room dwelling.
Owner.....C. H. Allison, 34 Brookside, Berkeley.
Architect.....None.
Day's work. COST, $990

DWELLING
(788) NO. 1801 DELAWARE, Berkeley. One-story 5-room dwelling.
Owner.....Geo. S. Risher, 1814 Hearst Ave., Berkeley.
Architect.....None.
Day's work. COST, $2000

DWELLING
(799) W JEFFERSON 100 N Dwight Way, Berkeley. One-story 6-room dwelling.
Owner.....W. P. Myson, 2306 Jefferson Ave., Berkeley.
Architect.....None.
Contractor.....E. Grandian, 1533 Prince Berkeley.
COST, $2000

ALTERATIONS
(801) NO. 2119 ADDISON, Berkeley. Alter two-story brick store and lodging house to three-story apartments.
Owner.....W. O. Heywood, Rose and Walnut, Berkeley.

Architect ... James W. Plachek, Acheson Bldg., Berkeley.
Contractor . C. Texdahl, 3035 Harper, Berkeley.
COST, $10,000

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
794	Hegelund	Young	700
802	West End Bldg.	Mehrtens	1800
804	Union Iron	Owner	33000

ADDITION
(794) NO. 1620 ALAMEDA AVE., Alameda. Addition.
Owner.....H. R. Hegelund, Premises
Architect .....None.
Contractor....E. Young, 2416 Webb Ave., Alameda.
COST, $700

DWELLING
(802) NO. 1601 NINTH, Alameda. One-story 5-room dwelling.
Owner.....West End Bldg Association, 1536 Webster, Ala.
Architect .....None.
Contractor....H. G. Mehrtens, 1536 Webster, Alameda.
COST, $1800

(804) NO. 2308 WEBSTER, Alameda. Shop.
Owner.....Union Iron Works, 20th and Michigan, S. F.
Architect.....F. Neitzel, 20th and Michigan, San Francisco.
Day's work. COST, $33,000

NOTICE OF NON-RESPONSIBILITY.

Alameda County.

Apr. 16, 1917—243.58 ACRES being Ptn Rancho San Lorenzo, Eden Tp. E A and W E Toms as to improvements on leased property....

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
Apr. 13, 1917—S TWENTY-EIGHTH street, 98-8 W Linden street, W 33-4 S 100, Oakland. N. Savin to R. Rubenstein and J. R. Langtry .....April 6, 1917
Apr. 13, 1917—DAVIS ST., bet. Alvarado St. and W right of way line C. P. Ry. Co., San Leandro. S. P. Co. to Joe Costello.....April 4, 1917
Apr. 13, 1917—NE CLEMENT AVE 115 NW Everett St., NW 75 NE 15, Alameda August Davin to George H. Noble.....Apr. 12, 1917
Apr. 16, 1917—E SEVENTY-SECOND Ave, 150 S Hillside St., Oakland. Silas O. Hoxie to Harry C. Knight ..... March 29, 1917
Apr. 17, 1917—LOT 5, BLK D, Map Oakland Highlands, Oak. A. L. Philbrick to whom it may concern .....April 17, 1917
Apr. 18, 1917—W MYRTLE ST 25 N 16th street N 50xW 125, Oakland. Dr. W. J. Smyth to J. F. Gunn..... .....April 18, 1917
Apr. 18, 1917—LOTS 1 AND 2, BLK 16, Map No. 2 Claremont, Berkeley Lizzie H. Glide to Wm. L. Boldt..... .....April 9, 1917
Apr. 18, 1917—S SEVENTH ST., 75 E Lewis St., E 50xS 100, Oakland. C. H. Nor to S. McPherson .....April 18, 1917
Apr. 19, 1917—S WOODBINE AVE 220 W Fruitvale Ave, Oakland. W. H. Wheeler to whom it may concern .....April 18, 1917
Apr. 19, 1917—PTN LOT 59 Map Fruitvale Glenn and Ptn lot 22, Map Phillips Tract, Oakland. A. M. Werum by A. F. Werum to whom it may concern....Apr. 18, 1917
Apr. 19, 1917—S BRISTOL ST 86-10¾ W 3rd St W 31-10¼ S 170-3½ E 51-1¼ N 55-10½ E 17-4½ N 67-11¾ W 36-7½ N 46-5¼, Berkeley. El Dodaro Oil Works by Earl B. Scott to B. Winter and C. Shields (Empire Sheet Metal Works)..... .....April 19, 1917
Apr. 19, 1917—(1) E MARKET ST and s l land owner known as Statoin B NW 665xE 300; (2) W Market St and s l land owner known as Station B NW 500. Pacific Gas and Electric Co. to Myron E. and Marshall E. Hopper (M. E. Hopper & Son).....April 8, 1917
Apr. 19, 1917—LOT 25 BLK F, Map Northbrae Terrace, Berkeley. Mary H. McGinty to W. H. McGinty & Sons.....Apr. 14, 1917
Apr. 20, 1917—W CHESTNUT ST 130 S 24th St, Oakland. Crystal Laundry Co., Inc., by James W. Plachek to Connor & Connor..... .....April 16, 1917
Apr. 20, 1917—W CHESTNUT ST, 130 S 24th St., Oakland. Crystal Laundry Co., Inc., by James W. Plachek to H. E. Frankes..... .....April 16, 1917
Apr. 20, 1917—LOT 13, PLEASANton Homestead, Pleasanton. Spring Valley Water Co. to C. A. Bruce .....April 1, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
Apr. 13, 1917—LOT 7, BLK 6, Map Thousand Oaks Station Tract, Oakland Tp. Hogan Lumber Co. vs. A. M. and Adele Harvey, Thousand Oaks Land Co., George Friend Co.....$215.30
Apr. 13, 1917—LOT 7, BLK 6, Map Thousand Oaks Station Oaks Station Tract. Oakland Tp. Hanna Lumber and Mill Co., $931.45; C. Janson, $241, vs. A. M. Harvey.....
Apr. 16, 1917—LOT 7, BLK 6, Map Thousand Oaks Station Tract, Oakland Tp. A. M. Rich & Co. vs. A. M. and Adele Harvey, Thousand Oaks Land Co., Geo. Friend Co. $108.98
Apr. 20, 1917—LOT 22, BLK 2024, Map No. 2 Whitcher Tract, Oak land. Russell Elder vs. Mathias and Rosalia Kulda $218
Apr. 20, 1917—LOT 4 and Ptn lot 15, Rockridge Tract, Oakland. G. W. Comfort vs. Clarence L. Belt....$27.75

SAN JOSE AND THE SANTA CLARA VALLEY.

APARTMENT HOUSE—2 story and base, frame, $30,000. San Jose, Santa Clara Co., Cal. Architect, Charles S. McKenzie, Bank of San Jose Bldg., San Jose. Owner, Mitchel Phillips. Location, opposite St. James Park. Will contain sixteen apartments of two, three and four rooms. Plans complete and figures being taken.

PACKING HOUSE—1 story, frame and brick, $25,000. Watsonville, Santa Cruz Co., Cal. Architect's name not given. Owners, Corralitos Fruit Growers' Association. Will cover an area of 160 by 200 feet. Plans are being prepared.

RESIDENCES 2, 1 story and base, frame, $3,000 each. Burlingame, San Mateo Co., Cal. Architect, none. Owner, Dr. C. P. Pond, 1520 Encinal avenue, Alameda Each house will contain six rooms, bath and sleeping porch These two house are the first of a group of twenty dwelings to be erected for the some owner Work will be done by Day Labor.

BUILDING CONTRACTS.

Santa Clara County.

ALTERATIONS
LOT BDED E BY COYOTE CREEK, S by Mabury Road, N and W by Booth lands. All work for repairs and alterations to frame slaughter house.
Owner.....S. A. Fleet and Geo. H. Le Deit, 995 S-1st St., San Jose,
Architect .....None.
Contractor....Louis Scaglione.
Filed Apr. 17, '17. Dated Apr. 17, '17.
contract signed ..... ¼
10 days after starting..... ¼
Accepted ..... ¼
Usual 35 days..... ¼
TOTAL COST, $2350
Bond, $1200. Sureties, A. Bisceglia and Paul Cribari. Limit, 40 days from date. Forfeit, none. Plans and specifications filed.

FRAME SCHOOL
STEVENS CREEK ROAD, 3 miles W of San Jose. All work for one-story 5-room frame school.
Owner.....Trustees of Burbank School.
Architect.....F. D. Wolfe, Bank of Italy Bldg., San Jose.
Contractor....P. T. Jorgenson, Naglee and Dana, San Jose.
Filed Apr. 16, '17. Dated Apr. 11, '17.
Frame up $2680.68
Plastering done 2680.68
Doors and windows hung..... 2680.68
Accepted 2680.68
Usual 35 days..... 3574.25
TOTAL COST, $14,297.00
Bond, $7148.50. Sureties, Peter Stock and A. Schirle. Limit, 120 days from filing. Forfeit, $5 per day. Plans and specifications filed.

COMPLETION NOTICES

Santa Clara County.

Apr 10, 1917—STANFORD CAMPUS, Palo Alto. Japanese Students Association to S Kamiye.....Apr. 2, 1917

BUILDING CONTRACTS.

San Mateo County.

GROUND VAULT, ETC.
HOLY CROSS CEMETERY, Colma. Grave 2, Station 6, Area 2, Dormitory "E." All work for over-ground vault and mausoleum.
Owner Mrs. Teresa Cuneo, 1650 Montgomery, S. F.

Architect None.
Contractor Louis Bocci & Sons, Colma.
Filed Apr. 13, '17. Dated Apr. 6, '17.
Foundations completed $500
All granite set ... 750
Accepted, etc. ... 500
Usual 35 days ... 900
TOTAL COST, $2650
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

ADDITIONS
SANTA INEZ AVE, Hillsborough. Digging and filling, concrete and brick work, lumber, carpenter and mill work, plaster, glazing, etc., for additions and alterations to frame dwelling.
Owner.....Henry W. Poett, Hillsborough.
Architect .....Howard & White, Lick Bldg., San Francisco.
Contractor....W. C. Duncan & Co., Sharon Bldg., S. F.
Filed Apr. 18, '17. Dated Apr. 12, '17.
Payments each month of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4850
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

PRIVATE ROAD
NEAR PORTOLA. All work for private road.
Owner.....E. R. Dimond, 310 Sansome, San Francisco.
Architect .....None.
Contractor....Thomas M. Flynn, Redwood City.
Filed Apr. 18, '17. Dated Apr. 12, 17.
Monthly payments of 75%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, $1500. Sureties, Daniel P. Flynn and D. E. O'Keefe. Limit, 60 days. Forfeit, $10 per day. Plans and specifications filed.

FRAME RESIDENCE
LOT 9 BLK 52 Easton Addition to Burlingame No. 5. All work for two-story and basement frame residence
Owner.....H. H. Ferns, 74 Langton, San Francisco.
Architect .....Gilbert Spragge.
Contractor....K. H. McKenzie, 2783 McAllister, S. F.
Filed Apr. 20, '17. Dated Apr. 16, '17.
When enclosed $1330
White mortar on walls and ceilings 1330
Completed and accepted..... 1330
Usual 35 days..... 1332
TOTAL COST, $5322
Bond, $2500. Sureties, J. S. Pinkerton and Nels Anderson. Limit, 90 days. Forfeit, $5 per day. Plans and specifications filed.

COMPLETION NOTICES

San Mateo County.

RECORDED ACCEPTED
Apr. 16, 1917—"FILOLI" Canada de Raymundo. W B Bourn to Wagner Bros, Apr. 12; David E Kennedy, Inc. .....April 12, 1917
Apr. 19, 1917—CANADA de Raymundo. W B Bourn to W P Fuller April 17; Thos Day Co, Apr. 17; Scott Co, Apr. 17; John G Ils Co.....April 17, 1917

LIENS FILED

San Mateo County.

RECORDED AMOUNT
Apr. 17, 1917 LOT 21 BLK "K" Haymond Pk, San Mateo. Thomas W Alton vs George W Kneass and Thomas & Clark.....$141.65

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

APARTMENT HOUSE—2 story and base, frame, $7,000. Vallejo, Solano Co., Cal. Architect, none. Owner, Wade H. Madren, Vallejo. Location, Carolina and Sutter street. Will contain four apartments of three rooms and bath. Plans are being prepared and work will be done by Day Labor.

CHURCH—1 story and base, brick, $18,000. Vallejo, Solano Co., Cal. Architect, L. M. Turton, Napa. Owners, Methodist Church. Location, Virginia street. Will contain a large main auditorium, Sunday school rooms and social hall. Plans are being completed.

CHURCH—2 story and base, frame, $10,000. Ferndale, Humboldt Co., Cal. Architect, W. J. Wythe, Central Bank Bldg., Oakland. Owners, Congregational Church. Will contain an auditorium and Sunday school rooms. Hot air heating system. Plans complete and figures being taken.

JAIL CONSTRUCTION AND REPAIRS—Fairfield, Solano Co., Cal. The grand jury has recommended the construction of a new branch county jail building in Vallejo and the repairing of the present ones throughout the county. A new county hospital building is also asked for to be erected on the site of the present building at Tolenas.

OFFICE BUILDING—2 story, frame, $6,000. Stege, Contra Costa Co., Cal. Architect, Chester H. Miller, First Savings Bank Bldg., Oakland. Owners, California Cap Co. Designed for an office building at the factory plant. Plans complete and figures being taken.

RESIDENCE—1 story and base, frame, $2,000. Richmond, Contra Costa Co., Cal. Architect, none. Owner, M. G. Humphreys, 431 12th street, Richmond. Location, Pennsylvania avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $1,300. Richmond, Contra Costa Co., Cal. Architect, none. Owner, A. J. Morrison, 305 Scenic avenue, Richmond. Location, Scenic avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $2,000. Mill Valley, Marin Co., Cal. Architects, Foulkes & Hildebrant, Crocker Bldg., S. F. Owner, Mr. Whitman. Will contain five rooms and bath. Plans complete and figures being taken.

RESIDENCE—2 story and base, frame, $5,000. Los Altos, Santa Clara Co., Cal. Architect, H. C. Bauman, 251 Kearny street, S. F. Owner, Phillip Cook. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

Contract Awarded.

MILLING PLANT FLOOR CONSTRUCTION—Cost not stated. Vallejo, Solano Co., Cal. Engineer, Maurice Couchot, 110 Sutter street. Owners, Sperry Flour Co. Contractors, Worswick Construction Co., Vallejo. Contract calls for constructing 77,000 square feet of floors.

PASSENGER STATION — 1 story and base, stone, $2,766.70. Santa Rosa, Sonoma Co., Cal. Architect, James H. Humphrey, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Co. Contractor, N. Forni, Santa Rosa. Contract price, $2,766.70.

BUILDING CONTRACTS.

Contra Costa County.

FRAME DWELLING
LOTS 3 AND 4 BLK 15 Walls Harbor Center Tract, Richmond: Excavating, concrete work, wood construction, brick, sheet metal, plumbing, electric, finish carpenter work, etc., for two-story 7-rooms and bath frame dwelling.
Owner.....Edgar Whiteside and Miss Marie Whiteside, 9th and Chanslor Sts., Richmond.
Architect .....J. B. Ogborn, 821 Bissell Ave., Richmond.
Contractor....Carl Overaa, 1808 Roosevelt Ave., Richmond.
Filed Apr. 10, '17. Dated Apr. 9, '17.
Rough frame completed and ready for shingles.....$550.50
Plumbing and wiring in place and ready for lathing..... 550.50
Completed and notice filed.... 550.50
Usual 35 days..... 550.50
TOTAL COST, $2202.00
Bond, none. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

DWELLING ....
LOT 4 BLK 64, as laid out in Official Map of City of Pittsburg. All work for six-room dwelling.
Owner.....C. A. Hooper & Co., Balboa Bldg., S. F. and Pittsburg, Cal.
Architect .....Otis Loveridge, 274 Los Medanos St., Pittsburg.
Contractor....D. H. MacQuiddy, Pittsburg, Cal.
Filed Apr. 16, '17. Dated Apr. 12, '17.
Floor joists completed.....$600
Roof completed 600
Completed and accepted..... 600
Usual 35 days..... 600
TOTAL COST, $2400
Bond, $1200. Sureties, C. A. Hooper & Co. Limit, 60 working days. Fornone. Plans and specifications filed.

DWELLING
SEVENTEENTH AND MACDONALD Ave. being Lot 36 Blk 79, Richmond. All work for four-room and bath dwelling.
Owner.....Charles W. Dickson, Fred S. Holbrook and Harry W. Clear, 1931 Haste, Bkly.
Architect .....J. B. Ogborn, 821 Bissell Ave., Richmond.
Contractor....C. J. Dahl, Richmond.
Filed Apr. 5, '17. Dated Apr. 4, '17.
Rough frame up ready for rustic and sheathing $274.25
Plastering completed and building enclosed 274.25
Completed and notice filed.... 274.25

Usual 35 days 274.25
TOTAL COST, $1097.00
Bond, $548.50. Sureties, David Lewis and J. C. Thornton. Limit, 65 working days. Forfeit, none. Plans and specifications filed.

FRAME COTTAGE
PENN AVE., bet. Tihrd and Fourth Sts., Richmond. One-story frame cottage
Owner.....M G Humphreys, 431 12th St., Richmond.
Architect .....None.
Day's work. COST, $1800

FRAME FOTTAGE
BARRETT AVE., bet. 8th and 9th Sts., Richmond.. One-story frame cottage
Owner.....John Frietas, 640 4th St., Richmond.
Architect .....None.
Contractor....N. E. Anderson, 441 13th St. Richmond.
COST, $2100

FRAME COTTAGE
SCENIC AVE., bet. Glen and Buena Vista, Richmond. Frame cottage.
Owner.....A. J. Morrison, 305 Scenic Ave., Richmond.
Architect .....None.
Day's work. COST, $1300

COMPLETION NOTICES

Contra Costa County.

RECORDED ACCEPTED
Apr. 4, 1917—LOT 11 BLK 218 AND N 11 and E 12 and ½ Lot 10 Blk 212 of Wall's Add'n to Richmond. M E Taylor to J G Taylor.....April 1, 1917

LIENS FILED

Contra Costa County.

RECORDED AMOUNT
Mar. 15, 1917—LOT 6 BLK 16 in Official Map of City of Antioch. Raisch Improvement Co vs George Damiana $162.50
Mar. 15, 1917—LOT 8 BLK 15 Official Map of Town of Antioch. Raisch Improvement Co vs Geo Damiana $81.25
Mar. 20, 1917—LOTS 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 and 25 Blk 241 Wall's Add'n to Richmond. Otis Elevator Co vs Arctic Coldstorage Co and Arctic Ice Co.....$900
Apr. 7, 1917—S 90 FEET LOT 9 BLK 49, City of Pittsburg and Lot 8 Blk 49, City of Richmond. Bay City Bldg Co vs Louis and Mary Rose Gatta $1695

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick, $50,000. Hanford, Kings Co., Cal. Architect, James J. Donnellan Albany Block, Oakland. Owner, A. Rutherford. Will cover an area of 75 by 150 feet and will be arranged for three stores and a number of two and three room apartments. Plans are being prepared.

CHURCH—1 story and base, brick, $10,000. Kingsburg, Fresno Co., Cal. Architect, Anton Johnson, Kingsburg. Owners, Swedish Lutheran Church. Location, Draper street. Main auditorium will seat 350 people. Sunday school rooms and social hall. Plan are being prepared.

RESIDENCE 2 story and base, frame, $3,000. Fresno, Fresno Co., Cal. Architect, none. Owner, L. Keller, 640 J street, Fresno. Location, Sunset Tract. Will contain six rooms and bath. Sleeping porch and separate garage. Plans complete and work to be done by Day Labor.

SCHOOL—1 story, frame, $6,000. Mountain View, Kern Co., Cal. Architect, J. M. Saffel, Fiske Bldg., Bakersfield. Owners, Mountain View School District. Will contain two class rooms. Plans are being prepared.

RESORT HOTEL—3 story and base, stone and timber. Cost not stated. Yosemite Valley, Cal. Architect, Edwin J. Symmes, Pacific Bldg., S. F. Owners, Desmond Park Service Co. Will contain 200 rooms, about 80 per cent of which will have private baths. Work will be started as soon as the snow leaves the valley.

Contract Awarded.

FIRE HOUSE 2 story and base, brick, $14,200. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, City of Fresno. Contractor, D. A. Cowan, 415 Glenn St., Fresno. Contract price, $14,200.

PASSENGER AND FREIGHT DEPOT—1 story, brick, $7,500. Merced, Merced Co., Cal. Architect, none. Owners, Santa Fe System. Contractor, T. B. Goodwin, 2245 Filbert St., S. F. Contract price, $7,500.

BUILDING CONTRATCS.

Fresno County.

REPAIRS
NO. 407 CALAVERAS AVE., Fresno. All work for repairs to dwelling.
Owner.....D. H. Griffin, Premises.
Architect.....None.
Contractor....D. D. Mancill, 703 Palm, Fresno.
COST, $1,000

DWELLING
LOTS 13 AND 14, BLK. 4, Sunset Tract, Fresno. Dwelling.
Owner.....L. Keller, 640 J, and S. F. Baxter, 723 Sumner, Fresno.
Architect.....None.
Day's work. COST, $3,000

OFFICE BUILDING
SOUTHERN PACIFIC RESERVATION. Office building.
Owner.....Union Oil Co., West and Nielsen, Fresno.
Architect.....None.
Day's work. COST, $4,000

BRICK MARKET
LOTS 20 TO 23 BLK 95. Fresno. All work for one-story and basement brick market building.
Owner.....Louis Gundelfinger, 2201 Calaveras St., Fresno.
Architect .....Coates & Traver, Rowell Bldg., Fresno.
Contractor....Jas. L. Daly, Griffith-McKenzie Bldg., Fresno.
Filed Apr. 13, '17. Dated Apr. 12, '17.
Excavated $1000
Floor joists in..... 3000
Roofed 6000
Plastered 6725
Completed 6000
Usual 35 days 7875
TOTAL COST, $71,500
Bond, $15,750. Surety, American Surety Co. Limit, 75 working days. Forfeit, $10. Plans and specifications filed.

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
Apr. 16, 1917 LOT 5 BLK 3 Mt. Olive. C A Halbert to whom it may concern.....April 16, 1917
Apr. 16, 1917 LOT 4 BLK 3 Mt. Olive, Fresno. C A Halbert to whom it may concern....Apr. 16, 1917
Apr. 17, 1917—50 FEET LOTS 14, 15 and 16 Blk 86 (rear), Fresno. John W Short to whom it may concern.....April 14, 1917

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

JAIL ALTERATIONS — Cost not stated. Sacramento, Cal. Architect, none. Owners, Sacramento County. Bids will be opened on May 7th at 10 A. M. for minor alterations to the west side of the present jail building. Plans can be secured from the County Clerk.

GRAIN ELEVATOR — Reinforced concrete, $30,000. Stockton, Cal. Engineer, Maurice Couchot, 110 Sutter street, S. F. Owners, Sperry Flour Co. Will consist of four circular cylinders haveing a total storage capacity of 109,000 bushels. Plans are nearly complete.

LODGE HALL ALTERATIONS — 2 story, brick, $10,000. Yreka, Siskiyou Co., Cal. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Odd Fellows Hall Association. Work will consist of interior partitions, new store fronts and electric work and plumbing. Plans are being prepared.

HOTEL ADDITION AND ALTERATION—3 story, brick, $25,000. Marysville, Yuba Co., Cal. Architect, August G. Headman, Call-Post Bldg., S. F. Owners, Western Hotel Co. Will cover an area of 75 by 120 feet. One story will be added and the present building altered into a modern hotel. Work will include plumbing, plastering, electric work, painting and carpentry. Plans are complete and will be ready for figures shortly.

SCHOOLS—2, 1, 1 story and 1, 2 story, frame and hollow tiile, $35,000. Placerville, El Dorado Co., Cal. Architect, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Placerville School Dnstriict. These two buildings have been out for figures twice before. Plans have been revised and new bids are to be opened on April 28th.

SCHOOL GYMNASIUM — 1 story, frame, $8,000. Auburn, Placer Co., Cal. Architect, Allen D. Fellows, East Auburn. Owners, Placer Union High School District. Will contain separate rooms for girls and boys. Plans complete and bids to be called for shortly.

SCHOOL—1 story and base, frame and hollow tiile. Cost not stated. Washington, Yolo Co., Cal. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Washington School

District. Bids will be opened on May 9th at 8 p. m. for this building. Plans can be secured from the architect.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. The lowest bid received for the Washington School was some $27,000 in excess of the amount available. Bids will probably be rejected and new figures called. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

BUILDING CONTRACTS

Sacramento County.

ALTERATIONS
NO. 1012 NINTH ST., Sacramento. Remodel store front.
Owner.....Dr. F. H. Kestler, 1016 10th, Sacramento.
Architect .....None.
Contractor....F. H. Artz, 1411 E St., Sacramento.
COST, $7500

FRAME ICE HOUSE
NO. 1919 ALLEY U, V, 19TH AND 20th Sts., Sacramento. One-story frame ice house.
Owner.....Western Pacific Rail Road and Grizzly Creek Ice Co., Reno, Nev.
Architect .....None.
Contractor....J. W. Williams, San Leandro, Cal.
COST, $500

REPAIRS
NO. 1830 SIXTH ST., Sacramento. Repair dwelling.
Owner.....J. M. Jardin, 1830 6th St., Sacramento.
Day's work. COST, $700

OFFICE BUILDING
NO. 1025 TENTH ST., Sacramento. Reconstruct five-story brick, concrete and steel office building.
Owner.....Physicians' Bldg. Co., 1005 K St., Sacramento.
Architect.....Wollett & Wollett, Highland Park and Ridge Road, Berkeley.
Structural Engineer .....Geo. J. Calder.
Contractor—Geo. D. Hudnutt, California Fruit Bldg., Sacramento.
COST, $100,000

FRAME DWELLINGS
FOLSOM BLVD., being Libby, McNeil and Libby Tract, Sacramento. All work for ten one-story 4-rooms and bath frame dwellings.
Owner Libby, McNeil & Libby, 31st & P Sts., Sacramento
Architect .. None.
Contractor....J. R. Barr, 1510 14th St., Sacramento.
COST, $700 each

FRAME APARTMENTS
N ½ OF S ½ LOT 8 BLK 7, 8, O and P Sts., Sacramento. All work except plumbing for three-story four-room and bath frame (6) apartments
Owner.....Fred and Annabelle (wf) Boitano, 2022 16th St., Sacramento.
Architect .....None.
Contractor....G. E. Harvie, 2212 T St., Sacramento.
Filed Apr. 19, '17. Dated Apr. 17, '17.
Ready for rough plastering.....$2500
Usual 35 days..... 2500
Also Lot known as E ½ of S ½ Lot 5 Blk 17 18, U and V Sts, valued at 1950
TOTAL COST, $6950
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
NO. 1125 FIFTY-FIRST ST., Sacramento. One-story frame dwelling.
Owner.....Marinccia Belluomini.
Architect .....None.
Day's work. COST, $900

REPAIRS
NO. 3723 BIGLER WAY, Sacramento. Repair dwelling.
Owner.....E. J. Ellis.
Architect .....None.
Contractor....E. T. Maltby.
COST, $500

REFRIGERATING PLANT
SMITH GARDEN ROAD. All work for installing refrigerating plant.
Owner.....A. Meister, Premises.
Architect .....None.
Contractor....Book & Blair, Sacramento
COST, $2100

BUILDING CONTRACTS.

San Joaquin County.

ALTERATIONS
N ½ OF LOTS 1 AND 3 BLK 82 East of Center St., Stockton. Concrete, brick, iron, carpenter, electric work, plastering, painting, wall beds, plumbing, wiring, roofing, gas heater, refrigerators and sheet metal work for alterations to apartments.
Owner.....Mrs. C. Williams, 112 E-Jefferson St., Stockton.
Architect .....W. B. Thomas, Yosemite Bldg., Stockton.
Contractor....Sinnett Bros., Stockton.
Filed Apr. 9, '17. Dated Apr. 7, '17.
Brick work completed.....$3000
Plastering done 1750
Completed and accepted..... 1625
Usual 35 days..... 2125
TOTAL COST, $8500
Bond, $4250. Sureties, R. E. Wilcox and Geo. A. Willard. Limit, 75 working days after signing. Forfeit, Any damage to owner. Plans and specifications filed.

FRAME DWELLINGS
BLK BDED BY OPHIR, SIERRA Nevada, Worth and Anderston Sts., Stockton. All work for ten frame dwellings.
Owner.....J. A. Kelly, 303 E-Weber St., Stockton.
Architect .....None.
Day's work. COST, $1700 each

COMPLETION NOTICES.

Sacramento County.

RECORDED ACCEPTED
Apr. 9, 1917—S ½ LOT 5 BLK J, K, 13th and 14th Sts., Sacramento. Chas M Campbell to Chas J Guth .....March 31, 1917

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, frame and plaster, $14,000. Pasadena, Los Angeles Co., Cal. Architects, Merriman & Neighbors, Story Bldg., L. A. Owner, A. W. Hookstratten. Location, South Paso Robles near Center, covering an area of 53 by 90 feet. Will contain ten apartments of two rooms each. Plans are being prepared.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Lancaster, Los Angeles Co., Cal. Architects, J. M. Cooper and W. Douglas Lee, Marsh-Strong Bldg., L. A. Owner's name not given. Will cover an area of 50 by 153 feet and contain stores on the first floor and a number of apartments above. Plans are being prepared.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, E. C. Wiseman, Title Guarantee Bldg., L. A. Owner, Frank E. Ruben. Location, Lake near 11th street. Will contain a number of two, three and four room suites. Plans complete and work to be done by Day Labor.

CHURCH—1 story and base, hollow tile, $10,000. Huntington Park, Los Angeles Co., Cal. Architect, G. A. Howard, Jr., Investment Bldg., L. A. Owners, Christian Science Church. Will cover an area of 86 by 90 feet and contain an auditorium and reading rooms. Plans are complete and figures being taken.

CHURCH ALTERATIONS—2 story brick. Cost not stated. San Bernardino, San Bernardino Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, First Methodist Church. Work will consist of interior and exterior alterations. Plans are complete and figures being taken.

FACTORY—2 and 3 story, brick or concrete, $75,000. Santa Barbara, Santa Barbara Co., Cal. Architect J. Corbley Pool, Bothin Bldg., Santa Barbara. Owners Santa Barbara Olive Association. Lo-

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cation, Oak Park, covering areas of 80 by 100 and 60 by 40. Plans complete and figures to be taken on approval of plans.

FLATS—2, 2 story and base, frame, $17,000. Los Angeles, Cal. Architect, S. Gitelson, 225 East Hillcrest Blvd., Monrovia. Owner, Rachael Gitelson. Location, West 40th Place. Will contain eighteen rooms arranged for four flats. Plans are being prepared.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, George N. Hillwig, 3744 Viola street, L. A. Location, 2931 Stephenson avenue, covering an area of 50 by 130 feet. Plans complete and work to be done by Day Labor.

LODGE HALL—2 story and base, brick. Cost not stated. Hollywood, Los Angeles Co., Cal. Architect, H. W. Glidden, Wright and Callender Bldg., L. A. Owners, Hollywood Masonic Hall Association. Will contain store and lodge hall. Plans are being prepared.

STORES AND LOFTS—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, I. N. Van Nuys Estate. Location, Hill street near 8th, covering an area of 60 by 156 feet. Plans complete and figures being taken.

Contract Awarded.

FLATS—2, 2 story and base, frame, $20,000. Los Angeles, Cal. Architect, San Neighbors, Story Bldg., L. A. Owner, W. A. Geller. Contractor, H. L. Childs, Citizens National Bank Bldg., L. A. Contract price, $20,000.

GARAGE—1 and 2 story and base, brick and steel, $10,000. Los Angeles, Cal. Architect, F. E. Clayberg, 520 Brent street, L. A. Owner, Harry G. Pendell. Contractor, F. E. Clayberg. Contract price not stated.

STORES AND OFFICES—3 story and base, brick and steel, $50,000. Santa Ana, Orange Co., Cal. Architects, Elwing & Tedford, Trust and Savings Bldg., Santa Ana. Owner, Mrs. Susie Rutherford. Contractor, George Preble, 1704 North Main street, Santa Ana. Contract priice, $50,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Seattle, Wash. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner, W. P. Rafter. Location, Second avenue north Prospect, covering an area of 42 by 140 feet. Will contain fourteen apartments of two and three rooms. Plans complete and figures being taken.

LODGE HALL—4 story and base, brick and steel, $200,000. Spokane, Wash. Architects, Houghtaling and Dougan, Henry Bldg., Portland, Ore. Owners, Spokane Elks' Hall Association. Will cover an area of 75 by 100 feet. First floor arranged for stores and upper floors for lodge halls and offices. Plans are being prepared.

Contract Awarded.

FOUNDRY AND MACHINE SHOPS—1 and 2 story, brick and concrete. Cost not stated. Seattle, Wash. Architect, Karl H. Scheel, Normandie Apartments, Seattle. Owners, National Engineering and Equipment Co. Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price not stated.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Seattle, Wash. Architect, Charles Haynes, Mehlhorn Bldg., Seattle. Owner, A. Schlossmacher, leased to Central Agency Co. Contractors, MacRae Bros., Empire Bldg. Contract price not stated.

PORTLAND AND OREGON.

GARAGE—3 story and base, reinforced concrete, $40,000. Portland, Ore.. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Frazier and McLean. Location, 5th and Taylor streets, covering an area of 100 by 100 feet. Plans are being prepared.

HOSPITAL—3 story and base, brick and hollow tile, $125,000. Salem, Ore. Architect, Robert F. Tegen, Morgan Bldg., Portland. Owners, Salem Hospital Association. Will cover an area of 42 by 166 feet with a wing 42 feet by 52 feet. Plans are complete and bids will be called for shortly.

ARIZONA.

CHURCH—2 story and base, brick, $25,000. Tuscon, Ariz. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Roman Catholic Church. Will contain main auditorium and Sunday school rooms. Plans are being prepared.

MONTANA.

APARTMENT HOUSE—2 story and base, reinforced concrete, $150,000. Butte, Montana. Architect, Jesse M. Warren, Daly Bank Bldg., Butte. Owner's name not given. Will contain a total of 53 apartments of four and five rooms. Plans complete and figures being taken.

FIGURES RECEIVED FOR SACRAMENTO SCHOOL

Board of Education Considering Two Projects. Bids will Probably Be Rejected.

(By Special Wire)

SACRAMENTO, Cal., April 20, 1917.—Four sets of figures were received today by the Board of Education for the construction of the Washington School, a two-story and basement reinforced concrete structure designed by Architects Shea & Lofquist, Bankers' Investment Bldg., San Francisco. Howard S. Williams, Hearst Bldg., San Francisco, presented the lowest figure at $227,216. This is approximately $27,000 more than the amount available for construction and the Board of Education is considering two plans: First to reject all bids and re-advertise with an alternate omitting the auditorium, and second of selling additional school property to raise funds to meet the increased cost of construction. Following is a complete list of the bids received:

Washington School.

Howard S. Williams	$227,216
C. L. Wold Co.	259,624
J. S. Hannah	237,773
James L. McLaughlin	235,000

BIDS ARE RECEIVED FOR RADIO STATION.

Local Firm Low on Work to be Done at Radio Station at Seward, Alaska.

The following bids were opened at the Mare Island Navy Yard on April 18th for new construction at the United States Radio Station at Seward, Alaska, and for moving the present steel masts and re-erecting:

Seward Radio Station.

Christopher Kuppler, 1309 7th avenue, North Seattle—(1) $31,250; (2) $33,750; (3) $6,325; (4) $960; (5) $3.50 per foot T. C. pipe, $6.00 per foot cast iron pipe; (6) $17,500. Time 180 days.

Nicholas Fleiness, 1310 1st avenue, Seattle—(1) $21,163; (2) $22,410; (3) $4,465; (4) $395; (5) $1.36 per foot T. C. pipe, $2.25 per foot cast iron pipe; (6) $11,917. Time 120 days.

Becker-Kiehl & Whipple, Seattle—(1) $33,940; (2) $34,168; (3) $7,888; (4) $490; (5) $1.25 per foot T. C. pipe, $2.50 per foot cast iron pipe; (6) $13,-239. Time 150 days.

Gutleben Bros., Call-Post Bldg., San Francisco—(1) $19,000; (2) $33,065; (3) $7,100; (4) $470; (5) $1.00 per foot T. C. pipe, manhole $100, $2.10 per foot cast iron pipe; (6) $7,646. Time 150 days.

ARCHITECT'S OFFICE AND EQUIPMENT FOR SALE.

Certificated Architect, established 3 years, is called to the Colors. Wishes to dispose of his equipment and location. Rent $35.00 in high class building on main street. Reception Hall, Private Office, and Drafting Room with space for five men. Equipment complete. Address BOX NO. 666, Daily Pacific Builder. Apr 18

LAKE SPAULDING DAM RANKS WITH GREATEST.

NEVADA CITY, Nevada Co., Cal.—Raising Lake Spaulding dam, twenty-five miles west of the crest of the Sierras in Nevada County, to a height of 260 feet places it, according to engineers, in a class with the greatest hydraulic structures of the world. Ultimately the height will be 305 feet.

The dam is located on the South Yuba River. It is built between two high bluffs and has a total crest length of 745 feet. It is shaped like a horseshoe, with the toe-calk upstream.

The natural fall is so great that by the use of several auxiliary reservoirs and penstocks enormous electrical power is developed. The bulk of the water is finally used for irrigating orchards in the foothills.

AGENTS WANTED.

The Wizard Electric Lamp Co., 147 New Montgomery street, are now marketing a new Door Hanger that is a wonderful labor saver. The company wants some live agents, acquainted in the building line.

THE SOUTHERN PACIFIC BUILDING.

A new Pacific Coast construction record is claimed for the huge Southern Pacific building which is already transforming the appearance of lower Market street. Ground was broken for this—the largest office structure in the West—September 1, 1916. With the first of May, 1917, the strructure will be approximately 70 per cent completed, with every prospect that the general contractors, Lindgren & Co., will turn over the building for occupancy one year after the first shovelful of dirt was removed.

The undertaking presents many unparalleled accomplishments, chief among which was the fact that sixty lineal miles of piling were used to establish the largest and deepest foundation on the Pacific Coast. Individual piles, some of which attained a length of 128 feet, were driven 130 feet below the pavement of Market street. To accomplish this the tallest pile drivers in the world were used. The results represent a new mark in modern construction records.

Three months after ground was broken, the great foundation had been completed and the first steel was erected. From then on, the allied building trades swung their men into line so fast, that during the month of January while a steam shovel and two pile drivers were still working at one corner, workmen in another were raising steel, pouring concrete, and laying brick all at the same time. Steel workers succeeded in keeping only one floor above the brickmasons most of the time. The Spear street wing of the gigantic structure, which today appears closed in, is only sixty days off the foundation. It is expected that the entire structure will be closed in by the first of next month.

Over 100,000 people pass the Southern Pacific Company's new home every day, and to this great army, the rapidity with which the massive structure has been unfolding, has been a source of interest and wonder. Under the daily spur of 200,000 eyes, the hundreds of artisans, representing almost every trade in the field of labor, have vied with each other in the race with Father Time.

In addition to being the West's largest home industry office structure, the Southern Pacific building possesses many unusual and striking features. The amount of material required, when reduced to figures that the average layman readily comprehends, are particularly astonishing.

Two million, four hundred and fifty eight thousand bricks are being used. Of this number, two million are the rough brick, 440,000 the pressed brick variety, and 18,000 arched brick. Roughly this constitutes 390 miles of brick, enough to reach from San Francisco into the heart of Mojave Desert. Of hollow tiles, 38,000 are being used, while the amount of cement in the job is represented by 40,000 barrels.

The glass provided for in the plans of the architects, Bliss & Faville, was one of the largest orders ever placed with California manufacturers. For the 1,736 windows, the transoms, elevator doors, glass partitions, etc., approximately 130,000 square feet, or three acres is required. Three miles of heavy flexible cable are required for the nine great elevators. There are six miles of pneumatic tubing, 15 miles of pipe for the automatic sprinkling system, 13½ miles of plumbing and soil pipe, 14 miles of steam-fitters piping, 2 miles of vacuum pipe, 50 miles of wire and 20 miles of conduit.

As an example of the unique problems successfully met in the construction of the building, one floor will include the largest business room in San Francisco with a floor surface of 36,000 square feet, and a length of 750 feet. This room will be used by Auditor of Freight Accounts and his enormous office staff. By reason of the difference in atmospheric pressure in a room of such size, special ventilating systems are provided at heavy expense, guaranteeing a constant circulation of fresh, clean air without resort to windows which, if opened wide would precipitate a small cyclone.

Other unusual features provide for the Company's own water supply, except for drinkiig purposes, a pneumatic tube dispatch service modeled along lines of a telephone exchange, an automatic fire extinguisher arrangement in every room, the most elaborate draughtsmen's quarters on the Coast, and many appliances for safety and commercial comfort.

J. Q. Barlow, assistant chief engineer of the Southern Pacific Company, is bending every energy toward the task of completing the big structure on time. G. B. Herington is the engineer in direct charge. W. S. Gilbert, Superintendent for Construction for Lindgren & Company, is the man who has kept the pot boiling.

San Francisco real estate men profess to see in the location of the new building an important era of development of Lower Market street. The establishment of over 2,000 employees, constituting the population of a small town, in this district will mean the quick establishment in the immediate vicinity of permanent stores, restaurants and other appurtenances to increased population. The new ten-story giant will lengthen the Market street skyline measurably and be a constant incentive to prospective builders between Third street and the Ferry.

The confidence shown by the Southern Pacific in the future of San Francisco—as represented by this permanent and elaborate home—will do much towards inspiring others to the accomplishment of a like testimonial.

BUILDS AN ELECTRIC TRACTOR TO HELP IN MARKET GARDENING.

The electric age has come to the farm. An electric tractor, believed to be the first in California, built by the Agricultural Engineering Division of the University of California, will be exhibited on Picnic Day, Saturday, April 28, at the University Farm at Davis. This electric tractor, which has proved very satisfactory in the preliminary trails, is not meant for heavy work, but to replace hand labor. While still in the developmental stage, it has proved that it can be run economically, and that it is especially valuable in gardening work.

A number of other type of tractors are to be demonstrated at the University Farm Picnic on April 28. Farmers will be shown how to operate and care for them to the best advantage. A demonstration is to be given, also, of the draft of different tractors in the use of the plow.

TO SHOW VARIED SILOS AT UNIVERSITY FARM PICNIC.

To raise food for livestock is declared by the College of Agriculture of the University of California one of the most patriotic services a California farmer can render to his country in the present emergency, and to aid in this campaign, a demonstration of how to build and use different types of silos will be made a special feature of the University Farm Picnic at Davis on Saturday, April 28. The construction will be explained and shown of six different types of silos. One silo, built of reinforced concrete, has been giving good service since 1910. The others are a resaw silo, a wooden-hoop silo, and three different types of stave silos. Experiments have been carried on in the use of these different silos, except the wooden-hoop silo, which has just been built.

UNITED STATES CIVIL SERVICE EXAMINATION.

MECHANICAL DRAFTSMAN (MALE)

Office of the Chief of Ordnance, War Department, Washington, D. C.

The United States Civil Service Commission announces an open competitive examination for mechanical draftsman, for men only. Vacancies occurring in the Office of the Chief of Ordnance, War Department, Washington, D. C., at entrance salaries ranging from $1,000 to $1,400 a year, will be filled form this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the secretary of the United States Civil Service Board, Post Office, San Francisco, Cal.

Issued January 18, 1917. Reissued April 12, 1917.

SAN FRANCISCAN TO STUDY EUROPEAN NEEDS FOR AMERICAN LUMBER.

The Bureau of Foreign and Domestic Commerce has just announced the appointment of four special trade commissioners for the important work of estimating the amounts of American lumber that will be needed in Europe for reconstruction purposes.. These commissioners are: John R. Walker, of Washington, D. C.; Nelson C. Brown of Syracuse, N. Y.; Roger E. Simmons, of Hagertown, Md.; and A. H. Oxholm, of San Francisco. The investigation is to be financed jointly by the National Lumber Manufacturers' Association and the Bureau of Foreign and Domestic Commerce, the association pay-

ing the expenses of three of the commissioners.

The appointees are now preparing to visit every lumber-producing center in the United States, the object being to get in touch with all lumber concerns that are interested in foreign trade. They will study at first hand the districts in Europe that will be in greatest need of lumber after peace is restored, ascertain the kind of lumber that will be demanded, and they will estimate the nature of the competition that will be encountered. It is thought that the investigation will require two years.

Commissioner Walker, in addition to practical experience in the lumber industry and to considerable actual exporting experience, has appeared before the Interstate Commerce Commission in behalf of every branch of the lumber business. Commissioner Brown has the advantage of having taken part in a previous investigation of the lumber markets of Europe in a private capacity. He has been connected recently with Syracuse University and the United States Forest Service, and is chairman of the forest committee of the Empire State Forest Products Association, and chairman of the forest utilization committee of the New York State Forestry Association. Commissioner Simmons began in the lumber business as a partner in a Maryland lumber company. He was connected with the United States Forest Service for a number of years, and recently completed an investigation of the lumber markets of South America in behalf of the Bureau of Foreign and Domestic Commerce. Commissioner Oxholm is a native of Norway and had a thorough knowledge of the Baltic lumber industry before coming to this country. Especially valuable experience was gained as assistant manager of the largest lumber-importing concern in Spain. He has been in the lumber business since coming to this country and was employed by a well-known San Francisco firm at the time he accepted his new appointment.

NEW YORK FIRM TO REBUILD CITIES IN FRANCE.

NEW YORK, New York.—A contract providing for the reconstruction of important buildings in the destroyed cities of Northern France has been closed between the French government and Kennedy, Mitchell & Co., bankers of New York and London, it is learned here. Virtually all the material to be used will be purchased in this country.

RAISIN DAY.

The Ninth Annual California Raisin Day celebration will center at Fresno on April 30, and the festival this year is expected to set a new record for attendance and enthusiasm.

The Southern Pacific Company has made an attractive rate for Fresno from all points in Central California, and will observe the day with special "raisin delicacies" on the dining car menus and in its railroad restaurants.

On the morning of Raisin Day there will be a gorgeous street parade in which hundreds of floats and decorated automobiles will participate. W. F. Toomey, chairman of the parade committee, estimates that the procession will be four miles long.

Liberal appropriations for street decorations and the acquisition of ten bands assures that there will be plenty of color and life to the festival, and Fresno will uphold its reputation as an energetic city.

PLATINUM IN 1916.

Preliminary estimates based on practically complete returns made to the United States Geological Survey, Department of the Interior, by domestic refiners of platinum indicate that in 1916 approximately 488 ounces of domestic crude platinum (about 74 per cent metal) were refined, producing 172 ounces platinum, 84 ounces of iridium, and 113 ounces of iridosmine, and that 10,118 ounces of South American crude platinum, about 88 per cent pure, were refined.

The platinum metals produced by refining crude placer platinum, of both foreign and domestic origin, amounted to 8,943 ounces platinum, 235 ounces iridium, 199 ounces iridosmine, and 18 ounces palladium.

Refiners of copper matte and gold bullion report a production from foreign and domestic material of 2,556 ounces platinum, 100 ounces iridium, and 2,746 ounces palladium. About half of this output was produced from domestic materials.

The total production of new platinum metals in 1916 was about 11,500 ounces of platinum, 335 ounces iridium, 200 ounces iridosmine, and 2,765 ounces palladium.

The scrap platinum metals sold in the United States in 1916 amounted to approximately 49,400 ounces of platinum, 980 ounces iridium, and 2,000 ounces palladium.

UNITED STATES CIVIL SERVICE EXAMINATION.

RADIO DRAFTSMAN (MALE).

May 15, 1917.

The United States Civil Service Commission announces an open competitive examination for radio draftsman, for men only. Present and future vacancies in the Navy Department, Washington, D. C., and at any navy yard or other naval establishment of the United States, at entrance salaries ranging from $3.04 to $6 per diem, depending upon the qualifications of the appointee, will be filled from this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion. Certification for filling the higher-salaried positions will be made only from those attaining the highest average percentages in the examination.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C., or the secretary of the United States Civil Service Board, Post Office, San Francisco, Cal.

Issued April 7, 1917.

NEW FRESNO COUNCIL PLANS IMPROVEMENTS.

FRESNO, Cal. One hundred miles of paved streets, an electric power station to furnish electricity to light the streets of Fresno and a city purchasing agent are amount the improvements planned for Fresno in the near future by the new Board of Trustees.

WARREN PATENT DECISION.

A suit entitled Warren Brothers Company vs. W. C. Evans, for the threatened infringement of the Warren basic patent, under which the Bitulithic pavement is laid, was recently before the Circuit Court of Appeals for the Fourth Circuit sitting in Philadelphia, where in both the validity of the patent was attacked, and its threatened infringement denied.

Judge Buffington, in delivering the opinion of the Court stated: "This patent has been considered by the various Federal Courts and its validity established" and also that "The present case turns on the question of infringement."

The specifications under which the contract in suit was awarded, which it was claimed would necessarily require the construction of a pavement infringing the claims of the Warren basic patent, provided for the use of "Bitumen"; "Limestone dust or Portland Cement"; Stone, ¾" hard crushed"; and "Sand, coarse to fine."

The Court held that under these specifications the contractor was called upon to use stone of one grade only, viz., three-quarter inch stone, "which was not the run of the crusher," and that this was not the composition called for by the specifications and claims of the Warren patent.

After considering the several claims of the patent sued upon, all of which require the use of a graded mineral aggregate, and after referring to the several cases of Warren Brothers Company vs. Owosso, 166 Fed. Rep. 309, Warren Brothers Company vs. New York, 187 Fed. Rep. 831, and Warren Brothers Company vs. Grand Rapids, 216 Fed. Rep. 231, in all of which cases the validity of the patent in suit was sustained and injunctions issued to restrain its threatened infringement where the pavement had not already been laid before suit was commenced, the court pointed out that in the New York case the mineral aggregate "was the resultant run of the crusher, which would necessarily have smaller grades of stone." The court summarized its conclusion by saying: "It will thus be seen that in all these cases there was a series of graded stones. In the present case there is but a single grade of stone, namely, that which will pass through a three-quarter inch mesh and that which is caught on a one-half inch mesh."

As neither run "of the crusher" nor different sizes of stone were required to be used, the court said there could be no infringement in this case, and the suit was accordingly dismissed.

This decision raises the following questions:

1. The practicability of actually furnishing a stone in large commercial quantities of the uniform size which the court construes to be required by the specifications referred to, to-wit: Stone all of which "passes through a ¾" mesh and that which is caught on a ½" mesh." Certainly no such finely screened, uniformly sized product has ever been furnished by any crushing plant operating along commercial lines. Furthermore, stone about 1" size, that is, passing a 1¼" screen and retained on ordinary dust jackets in the crusher plant, is the size of stone most generally in demand for most purposes such as building construction, sidewalks, etc. The use exclusively of the intermediate portion ("which will pass a ¾" mesh and that which is caught on a ½" mesh" as defined by the court to be "three-quarter inch stone") of this ordinary crusher product in the quantities required for the wearing surface of a street pavement would evidently very greatly increase the cost of stone, and doubtless most stone producers would not agree to furnish stone of this limited size.

More particularly, approximately 50 per cent of the ordinary stone crusher product is of one inch and finer sizes. Of this total of 50 per cent finer than one inch, approximately 50 per cent, that is 25 per cent of the entire crusher product, is coarser than ¼" size. Of this 25 per cent, only 40 per cent or a total of 10 per cent of the product of the crusher is of the uniform size which the Court in this case decides is described by the specifications in suit, to-wit: that which "will pass a ¾" mesh and that which is retained on a ½" mesh." In other words, to comply with such specifications a contractor can use only 10 per cent of the product of his crusher or from the crusher from which he purchases his supply, and which are not commercially used, other disposition must be made of the other 90 per cent. For instance, given a paving contract to be laid at the rate of 1,000 square yards, requiring 75 cubic yards of crushed stone per day, and a crusher plant having a rated capacity of 150 cubic yards per day, that crusher would only furnish 15 cubic yards per day, or one-fifth of the daily requirements of stone for such a paving contract. In other words, it would take five such crushing plants to keep the paving plant in operation, and the person supplying the stone would have to find another market for 90 per cent of the product of his crushers. Aside from this, the production of such a stone would require additional intermediate separating screen and bin facilities, and which could be installed only at great expense and inconvenience. In other words, the Court has excluded from the scope of the patent in suit the use of a stone which has never been practically produced, and cannot be produced without such increased expense and inconvenience that at least most owners of crushing plants would not undertake to do so, and then, under that extreme construction of the specifications says the Warren's basic patent, No. 727,505, would not be infringed.

2. It is a self-evident fact that neither as high degree of stability nor freedom from voids can be produced by a mineral aggregate consisting of such a uniform sized stone and sand as is produced by the construction generally adopted, in which various sizes of crushed stone or gravel, sand and pulverized stone are used in such definite proportions as will produce the highest degree of stability, freedom from voids and utility.

3. Even though such a construction, using uniform sized stone (passing ¾" mesh and retained on ½" screen) and sand be held to come outside of the Warren Basic Patent No. 727,505, it is very clearly directly in the teeth of the Warren Patent No. 695,421, the single, very clear claim of which is as follows:

"A wearing layer of a street sheet pavement composed of a dense mineral body consisting only of relatively large elements, one-half inch and upward in diameter and relatively small elements, one-tenth of an inch in diameter and less, having predetermined proportions and intimately and uniformly associated throughout the body to eliminate voids, provide stability and a wearing surface and a uniting weatherproof, bituminous vehicle intimately associated with all the mineral elements serving to combine and unite them, fill the voids remaining unfilled and to form with the mineral body a solid, stable, homogeneous, tenacious, elastic, bituminous wearing layer."

As far as we know, this patent, No. 695,421, has never been infringed in any actual construction.

Yours very truly,
WARREN BROTHERS COMPANY,
By Geo. C. Warren, President.

UNITED STATES CIVIL SERVICE EXAMINATION.

MECHANICAL DRAFTSMAN (MALE)

Bureau of Yards and Docks, Navy Department.

May 8, 1917.

The United States Civil Service Commission announces an open competitive examination for mechanical draftsman, for men only. Vacancies occurring in the Bureau of Yards and Docks, Navy Department, Washington, D. C., and at any navy yard or other naval establishment of the United States, at entrance salaries ranging from $3.52 to $6 per diem, will be filled from this examination, unless it is found in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C., or the secretary of the United States Civil Service Board, Post Office, San Francisco.

Issued April 3, 1917.

VAST IRRIGATION PROJECT.

SANTIAGO, Chile.—A considerable impetus will be given to Chilean agriculture by the execution of the numerous irrigation works under consideration, among which the following bid fair to be realized in the near future: Bio Bio Canal, 40 miles long, estimated to cost $330,000 to $440,000, water to be taken from the Bio Bio River; River Maule Canal, 200 kilometers long, to supply water to 40,000 hectares, estimated to cost $8,943,942; Melado Canal, 70 kilometers long, to irrigate 27,000 hectares, estimates being prepared; El Laja Cananl, to irrigate 50,000 hectares. Studies have been made for the damming of the lake in the River Turbio Coquimbo, at a cost of $328,000, to hold 42,000,000 cubic meters of water, sufficient to irrigate the whole valley.

[1 kilometer equals 0.621 mile; 1 hectare equals 2.47 acres; 1 cubic meter of water equals 1,000 liters equals 264 gallons.]

POWER PLANT.

OROVILLE, Cal.—The Pacific Gas and Electric Co. are planning to enlarge their plant here.

ANNOUNCEMENT.

Announcement has just been made by the Publicity Bureau of the Associated Metal Lath Manufacturers that their offices have been moved from Chicago to Room 901 Swetland Bldg., Cleveland, Ohio, and that Zenas W. Carter, formerly of Boston, has been appointed Commissioner, to supervise all their publicity, promotion and investigation from the Cleveland Office.

Mr. Zenas W. Carter has been manager for manufacturers' associations for the past ten years, directing co-operative publicity and promotion work between manufacturers, distributors and consumers. He was the first General Secretary of the Electric Development Association when it was incorporated in New England, and he has managed the publicity and field promotion and investigation work of the Granite Paving Block Manufacturers' Association of the United States since their organization two and one-half years ago.

Among the plans of the Metal Lath Association which are yet in the embryo is a co-operative national campaign of publicity which will be developed by the Council of Advertising Managers of the member companies, which Council is an active part of the Publicity Bureau of the manufacturers' organization, although the Publicity Bureau proper includes officials and Sales Managers of the companies interested. Their plans cover a series of extensive and exhaustive tests of the fire resistance properities of Metal Lath, its use in fire retarding construction, the exploitation to architects and the public of the saving in space which can be effected through the use of this material, its vermin and rodent proofness; investigation and assistance in the revision of building codes of cities so that Metal Lath will receive its proper recognition by city officials and engineers, and a co-operative movement in the distributing centers of the United States seeking to develop co-operative promotion work on the part of the jobbers and large distributors of Metal Lath.

The Advertising Managers who comprise the Advertising Council of the

Publicity Bureau of the Associated Metal Lath Manufacturers are:

Mr. C. O. Powell(President) Northwestern Expanded Metal Company.

Mr. S. E. Fechheimer, Trussed Concrete Steel Company.

Mr. R. M. Nicholson, Berger Manufacturing Company.

Mr. C. M. Stewart, Consolidated Expanded Metal Companies.

Mr. L. E. Fisher, General Fireproofing Company.

Mr. L. J. Rouleau, Penn Metal Company.

Mr. F. E. Erickson, Milwaukee Corrugating Company.

Mr. Wm. Geo. Lane (Secretary), The Bostwick Steel Lath Company.

Mr. Zenas W. Carter, Commissioner.

The Julian Armstrong Bureau of Related Industries will continue its special work for the Associated Metal Lath Manufacturers, and Mr. Walter L. Weeden of Worcester, Mass., has succeeded Mr. Carter, as Field Secretary of the Granite Paving Block Manufacturers Association of Boston.

Oakland, Cal., April 13, 1917.

TO WHOM IT MAY CONCERN:

The Bricklayers Union, No. 8, California, having been misquoted on numerous occasions by irresponsible parties wish to inform any prospective user of brick in future construction, that we are in the market to perform the labor covered by our constitution in all classes of work named in same without regard to origination of said material, unless declared unfair by us, and for any party willing to observe the conditions as to hours and wages demanded by us.

"THE GEOLOGIC FORMATIONS OF CALIFORNIA."

The State Mining Bureau, under the direction of Fletcher Hamilton, State Mineralogist, has just issued Bulletin No. 72, with the above title. It was written by Prof. James Perrin Smith of Stanford University, and contains a complete bibliography and resume of all of our present knowledge relative to the geological formations occurring in California. It also contains much previously unpublished data, and covers 41 pages, and six tables showing geologic columns.

The Bulletin is published in conjunction with the Geologic Map of California, recently issued, and is sold separately,—price 25 cts., postage prepaid.

Address State Mining Bureau, Ferry Bldg., San Francisco, or State Mining Bureau, 520 Union League Bldg., Los Angeles.

ROAD LEGISLATION IN COLOMBIA.

Colombia is the latest South American country to work out a comprehensive road system intended to facilitate highway traffic and to connect interior points with railways, ports, and commercial centers. Much interest in road construction has been shown recently in the neighboring countries of Venezuela and Peru and there is a certain similarity between the completeness of the Peruvian plan and that of the project passed by the Colombian Congress and promulgated in the Diario Oficial of December 22. No provision has been overlooked for the extension of roads over practically the whole of Colombia, as well as for the selection of the best routes, and for the maintenance of the roads when completed. Important measures have been adopted for the financing of the project and for the execution of the plan in all its details.

Classification of National Roads.

Under the provision of the new law the national roads of Colombia are classified in three groups (1) those connecting Bogota with strategic points, with frontiers, or with sea or river ports; (2) those connecting colonization territories with the interior of the country; (3) other roads, of vital importance from a commercial or military point of view. A long list of specified roads is divided into the three groups named, and of these roads the following are named as being urgently needed. The great central highway of the north, the highway from Cucuta to the river Magdalena, the road that leads from Bogota through Ibague and Calarca to the frontier of Carchi with the branch that goes toward Tumaco, the road from Pasto to Puerto Asis, the northwest road from Bogota to Gamarra, the Sarare road, the Cravo road, the road from Villavicencio to Calamar (via Oriente), the road from Quibdo to Bolivar, the road from Guadalupe to Orteguasa and the extension of this road, and the road from Monteria to Yarumal, through Caceres.

An annual appropriation of $700,000 is to be included in the national budget for work on these most-needed roads and certain others, nearly one-third of the whole amount to be used for the great central highway of the north. Careful surveys of all proposed roads must be made and the most practicable routes selected, with the approval of the Ministry of Public Works, before construction is begun. The Government may authorize local boards to construct and maintain roads for which plans and estimates have been made by authorized engineers, undtr the direction of a bureau of national roads, created by this law.

New Tariff Surtax for Road Fund.

To provide a special fund for the construction of roads, a surtax of 5 per cent will be levied on all imports through the customhouses of Colombia. The General Treasury must keep the proceeds of this surtax separate from other customs receipts, so that it will be available at all times for the Ministry of Public Works. In addition to the fund provided by this surtax, the toll tax, which has been collected on certain roads, will continue and will be used for the maintenance of such roads. Other assistance may be granted by legislative bodies to petitioners for roads when requests are accompanied by detailed plans and estimates of the construction desired. The customs receipts of 15 per cent at the port of Tumaco will continue to be applied to the construction of the highway of the south until it is completed. In conclusion, the Colombian road law makes various provisions for its execution, with general specifications of the character of the roads and bridges to be constructed.

SURVEYING SHIP PLANT.

MARTINEZ, CAL.—A survey is being made on the water front here for a site for shipbuilding plant that it is said will employ 250 men. Four different companies are looking over the situation here with the idea of locating shipbuilding plants, the Martinez water front having been pronounced especially fitted for this industry.

119 CARS OF MAGNESITE.

PORTERVILLE According to figures which became available from the magnesite miners of this district, there were shipped from Porterville station during the month of March 119 cars of magnesite, the largest monthly business from these mines to date. The total value of the output for the month, f. o. b. Porterville, has been given at $87,000.

PETERSEN TO ENGAGE IN HEATING BUSINESS.

Former President of Petersen-James Co. Will Occupy Old Location and Take Over Equipment.

Chris Petersen, formerly president of the Petersen-James Co., has withdrawn from that organization and is now engaged in a general plumbing and heating business under the name of C. Petersen Co. He has taken over the entire equipment of the former company and is located at the old address, 710 Larkin street. C Petersen Co. will make a specialty of oil burning equipments and heating plants.

During the years that Mr. Petersen was connected with the Petersen-James Co., that firm did an exceptional business and was regarded as one of the representative business houses in their line. Mr. Petersen has a vast experience in the business and enjoys an enviable reputation. He regards present conditions as most favorable and already has five or six contracts signed which total about $10,000.

Among the larger buildings that have been equipped under the personal direction of Mr. Petersen are: The Inside Inn and Agriculture Buildings at the Exposition; the Flatiron Building; annex to the Mills Building; Chancellor Hotel and Levee Apartments at Vallejo.

HOME LEAGUERS APPEAL TO PUBLIC OF SAN FRANCISCO.

The co-operation and moral support of the general public in San Francisco will be sought, in a determined manner, by the Home Industry League of California in a crusade it is about to open up on the Board of Public Works of San Francisco to prevent the Board's buying auto trucks in the East when equally good trucks can be purchased in California, from three different factories who have offered bids lower than the price asked by the Eastern concern.

In San Francisco alone, the League has an active and auxiliary membership which totals some 40,000 voters. Legal proceedings will be begun at once by the League against the city. Mr. John L. McNab having been formally engaged to conduct the case. The exact nature of the court battle will be announced by Attorney McNab some day this week.

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have expressed willingness to accept appointment where the vacancy exists.

Competitors will not be required to report for examination at any place, but will be rated on the following subjects, which will have the relative weights indicated, on a scale of 100: (1) Education, 40; (2) experience, 60.

Competitors who fail to attain a rating of at least 70 per cent under the subject of experience will not be considered for appointment.

In rating the subject of experience the degree of difficulty and importance of the work performed, the length of experience, and the rating which an applicant has had as an inspector or workman will be considered.

Statements as to education, training, and experience are accepted subject to verification.

Applicants must have reached their twentieth birthday on the date of filing application.

Until further notice, owing to the lack of eligibles, the number of appointments to be made, and the urgent needs of the service, applications will be received at any time, and the papers will be rated immediately upon their receipt in order that appointments may be made with the least possible delay.

Class No. 1, $3.28 to $4.24 per diem.

Class No. 2, $4.48 to $5.52 per diem..

This examination is open to all male citizens of the United States who meet the requirements.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C.; or the secretary of the United States Civil Service Board, Post Office, San Francisco. Applications should be properly executed, excluding the medical and county officer's certificates, and filed with the Commission at Washington without delay. The exact title of the examination as given at the head of this announcement should be stated in the application form.

BOND ISSUES FOR WATERWORKS IN CHILE.

In pursuance of its policy to establish adequate systems of waterworks throughout Chile, the Chilean Government has authorized the issue of bonds for the following amounts and purposes: (1) 1,600,000 pesos (peso paper equal about 23 cents) for works to utilize the water of the Lagunas del Planchon and the river Teno near the city of Curico; (2) 3,000,000 pesos for works in the rivers Coquimbo and Turbio; (3) 1,000,000 pesos for works in the river Colina. The proposed installation will be executed in accordance with plans and estimates made by the department of Public Works, approved by the President, and accepted in writing by the owners of 70 per cent of the permanent water rights on the rivers mentioned. The property owners along these waterways shall form associations, which shall take charge of the distribution of water on the completion of the works, but the Government shall retain the ownership of the works until the funds invested in them shall have been wholly repaid. The conditions governing the issue of the bonds, as given in the Diario Oficial, are practically the same in all cases. These bonds will be of the same character as those issued by the Mortgage Credit Institution, and subject to the same terms of interest and amortization, with exemption from all taxes. The consumers of the water from the proposed works will pay a tax in proportion to the value received, the amount to be fixed by executive decree, and the proceeds of the tax will be used for the interest and amortization fund.

Government Purchase of Valparaiso Waterworks.

The President of Chile is authorized to acquire from the municipality of Valparaiso the rights held by the city on the waterworks at this port. The sum authorized is 1,962,842 pesos, and in addition certain lands and buildings are to be transferred from the Government to the city. The President is also authorized to increase up to 2,300,000 pesos, or its equivalent in foreign gold, the issue of Government bonds or Treasury warrants provided for by the law of April 29, 1916. The proceeds of these bonds or warrants will be used to pay the municipality for its water rights, and the remainder shall be considered an advance, to be repaid from the 3 per cent additional property tax, and the increase in the license tax on professions and industries. The vehicle tax, which was established in 1903 for the city of Santiago, is now to be extended to the city of Valparaiso.

URGE FARMERS TO PRODUCE MEAT AND FODDER FOR ANIMALS.

It is impossible to starve the American people. Where the pinch will come, however, is in the meat and fats.

Such are the facts reported to the Committee on Resources and Food Supply of the California State Council of Defense, of which President Benj. Ide Wheeler of the University of California is Chairman, and the other members Charles H. Bentley and John A. O'Connell of San Francisco, Miss Ethel Moore of Oakland, and B. B. Meek of Oroville, after a preliminary discussion of the food problem made at the request of the committee by the agricultural faculty of the University.

Here is the advice as to how the patriotic farmers of the Pacific Coast can best serve their country in the present war-time emergency, contained in a statement made to the Committee on Resources and Food Supply by Dean Thomas F. Hunt of the College of Agriculture of the University of California:

The farmer should produce as much meat, eggs, butter, and milk as he can.

What the public does not understand, and what most farmers do not realize, is that the special emergency need now is to grow much greater quantities of forage crops as food for domestic animals. Such crops as milo, feterita, Egyptian corn, brown durra, sorghum, and sudan grass should be extensively planted, for they give a maximum of results for a minimum of effort.

Most of the current talk about the food problem has been about growing potatoes in the back yard or eating rice instead of potatoes. As a matter of fact, the opportunity for saving here is almost nothing. Potatoes and rice together do not cost more than six per cent of the annual expenditure of an average family for food, while two-thirds of all the average Pacific Coast family spends for food goes for foods of animal origin—meat, eggs, milk, butter and fat. Hence the immense importance of producing the greatest possible quantity of fodder for meat and diary animals.

The disease known as "fear of starvation" need never affect the United States. Indian corn and cotton make the United State impregnable.

High prices to the producer are the most successful way of securing an abundant supply of food, and an abundant supply of food is more important than a cheap supply. Where saving to the public can be made, however, is in distribution. Of what the consumer pays for food, only one-third goes to the producer, one-third to the distributor, including the transportation companies and wholesalers, and one-third to the retailer. Never will it be necessary, Dean Hunt believes, to limit by legal or military action the amount of food to be consumed by the American people, but military necessity may make it desirable to reduce greatly the service now rendered by the retailer and to eliminate from that service for other national service a considerable number of citizens.

Moreover, it may be desirable for individual States to empower their governors to take over and store food products when this is deemed necessary, and to issue certificates of sale bearing four per cent interest against these products, the certificates to be redeemable at the option of the State.

Dean Hunt believes that it will be undesirable to attempt to control the production of foodstuffs by legal or military means, but that it may be well to authorize towns of more than two thousand inhabitants to promulgate rules concerning the receipt and distribution of foodstuffs.

It is important that the American people should not fall into the evil situation which has prevailed in Germany, where proper balance has not been maintained between the five great classes of foods—(1) Protein foods, such as meats, fish, fowl, eggs, beans, and nuts; (2) Fats, butter and oils; (3) Starchy foods, such as grains and potatoes; (4) Fruits and vegetables; and, (5) sugar, tea and coffee.

The ordinary family of five people ought to be able to get along comfortably on an expenditure per annum of from $435 to $650 for foods of the classes mentioned,—spending about 54% of this total on protein foods; about 12% on fats; 12% on starchy foods; 13% on fruits and vegetables, and the balance on sugar, tea, and coffee. These figures do not include dainties and extras.

Inter-planting of beans and grain sorghums in young irrigated orchards is strongly recommended for this emergency.

Every endeavor should be made to get all unoccupied land into condition to grow crops next year and the year after.

Possibly the States ought to aid in financing farmers who must wait two or more years for a return on such undertakings.

Weather and labor supply are the two great uncertainties. Farmers and farm laborers should realize that just as England has urged her skilled artisans to work in the munition factories rather than go to the trenches, so the men who feed the nation and the nation's soldiers are patriotically aiding their country.

CALIFORNIA'S MINERALS AN IMPORTANT WAR RESOURCE.

Survey to be Made by State Mining Bureau.

The State Mining Bureau, under the direction of Fletcher Hamilton, State Mineralogist, is starting a field campaign to report on the economic minerals of California, which have an important industrial and military bearing on the present war situation. For the past four years the Bureau has been working on a complete survey of the entire State's mineral resources of counties, field work for which is now practically completed and the results in part published. Particular interest and value attaches at the present moment to our available supplies of chrome, coal, iron, magnesite, manganese, molybdenum, quicksilver and tungsten.

The extent and availability of our petroleum resources, which are so important in modern naval operations, have already been thoroughly covered by the Bureau in its work of protecting the fields from damage by faulty operations. As data on the other minerals are already well in hand, trained geologists and engineers of the Bureau's staff are being sent out to bring the information down-to-the-minute with relation to the latest developments in the above-named items. The report will cover the location, size, accessibility to transportation, character, quality, and state of development of every known deposit throughout the entire state.

W. Burling Tucker, Chief Field Assistant, will visit the counties south of the Tehachapi; Clarence A. Waring, field assistant, the counties along the Sierra Nevada Mountains from Tulare northward; Emile Huguenin, filed assistant, the counties along the Coast Ranges from Monterey to Del Norte; Walter W. Bradley, Mining Statistician, Siskiyou and Shasta Counties also quicksilver and research work on the metallurgy of quicksilver. Advance notices will be sent to the local newspapers, from time to time, of the arrival of the engineers in the various districts, so that those interested in the mineral properties may be fully advised and co-operate to the fullest extent in this patriotic work.

The conservation and utilization of our mineral resources, while highly important at all times, are imperative in the pesent exigency. With the exception of a small tonnage of chrome from Oregon in 1916, and of magnesite from Washington in 1917, California has been the sole source of these two minerals in the United States. For many years California has been, and still is, producing from 70% to 80% of the quicksilver yield of the United States. This metal is absolutely essential from a military standpoint, as there has not yet been produced a commercial substitute for it in the manufacture of fulminating caps for explosives. California is one of the two main producing tungsten states of the Union. This metal is especially valuable in the manufacture of alloys for high-speed tool steels.

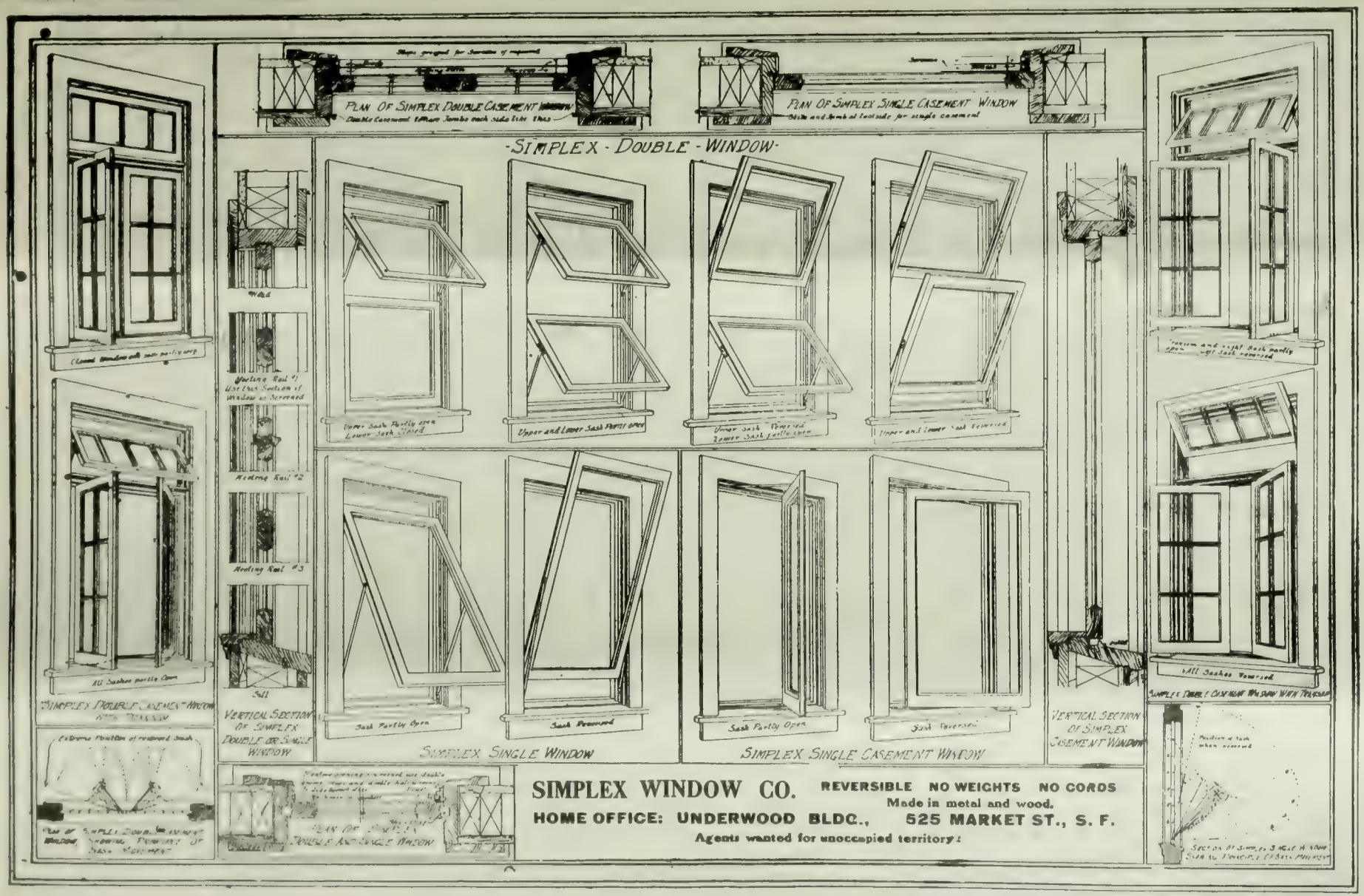
All persons interested in these minerals are earnestly urged to co-operate with the State Mining Bureau by meeting the field men while in their districts or by communicating direct with the State Mineralogist at his office in the Ferry Building, San Francisco.

UNITED STATES CIVIL SERVICE EXAMINATION.

SUBINSPECTOR OF CONSTRUCTION (MALE).

The United States Civil Service Commission announces an open competitive examination for subinspector of construction, for men only. A considerable number of vacancies at various navy yards and other naval establishments of the United States, at entrance salaries ranging from $3.28 to $5.52 per diem, will be filled from this examination.

In filling vacancies certification will be made of the highest eligibles residing in the vicinity of the place at which the appointee is to be employed, except that upon the request of the Navy Department certification will be made of the highest eligibles on the register for the entire country who



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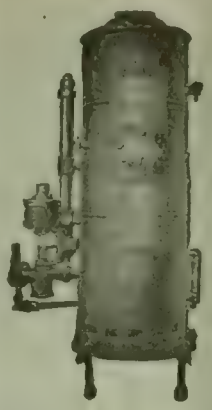
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3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
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Building Operations For March 1917.

Building operations throughout the country are satisfactory in volume from a rational viewpoint. The general impression among architects and contractors is that business is quiet; prospective work may not be specially insistent at this time.. But the statistics show that, as compared with a year ago, there is only a moderate decline. February showed a decrease as compared with February last year. The March figures show the same shrinkage, as compared with March, 1916. But the totals for last month are over 50 per cent greater than for February, which is the normal trend, as the active building season approaches.

Building operations in 118 principal cities of the United States during March, as compiled by the American Contractor, Chicago, California Development Board and Daily Pacific Builder, total $79,973,504 as compared with $83,434,570 for March, 1916.

It is noteworthy that a greater number of cities show gains than losses, 68 increasing over a year ago and 48 decreasing, two holding stationary. The larger cities make the more unfavorable showing, which is no doubt explained by the fact that in these cities a larger percentage of the buildings are of steel construction and that because of the great scarcity it is almost impossible to obtain structural shapes. There are some very notable gains, as will appear in the statement below:

City	Mar., 1917 Cost.	Mar., 1916 Cost.
Akron	$ 1,756,140	$ 524,715
Alameda, Cal.	45,314	47,323
Allentown	166,830	100,310
Altoona	29,066	21,999
Atlanta	499,213	458,401
Atlantic City	327,937	132,102
Bakersfield, Cal	47,218	11,925
Baltimore	587,141	1,305,111
Bayonne	65,850	42,440
Berkeley, Cal.	84,000	160,000
Binghamton	179,001	179,939
Birmingham	235,783	188,426
Boston&vicinity	2,778,000	3,967,000
Bridgeport	650,676	1,018,497
Brockton	46,280	44,285
Buffalo	624,000	899,000
Canton	400,875	529,200
Cedar Rapids	375,000	113,000
Charlotte	81,291	65,968
Chattanooga	82,977	184,015
Chicago	11,519,650	11,477,100
Cincinnati	1,227,365	948,500
Cleveland	1,973,030	1,838,465
Colorado Spr'gs	49,875	27,607
Columbus	571,245	868,935
Dallas	1,002,195	452,891
Davenport	91,441	90,084
Dayton	130,327	356,240
Denver	541,119	386,390
Des Moines	261,149	105,944
Dubuque	309,150	1,850
Duluth	2,088,080	237,950
East Orange	199,464	60,048
East St. Louis	77,150	30,292
Elizabeth	191,630	118,723
Erie	322,189	218,799
Eureka, Cal.	22,943	6,355
Evansville	80,945	139,490
Fort Wayne	657,815	115,025
Fort Worth	480,520	202,992
Fresno, Cal.	233,772	59,015
Grand Rapids	200,455	617,020
Harrisburg	183,210	158,818
Hartford	985,695	590,120
Hoboken	36,345	6,936
Holyoke	31,740	118,950
Huntington	189,245	68,975
Jacksonville	168,305	66,100
Kansas City, K	191,125	55,460
Kansas City,Mo	1,478,740	1,226,620
Lawrence	81,800	200,405
Lincoln	144,966	153,040
Los Angeles	1,339,960	1,416,535
Louisville	230,690	361,270
Manchester	60,846	105,605
Memphis	329,150	306,060
Milwaukee	1,228,634	737,815
Minneapolis	707,020	1,386,805
Montgomery	66,910	47,849
Newark	540,042	783,790
New Bedford	31,825	495,625
New Britain	16,915	52,285
New Haven	215,096	520,560
New Orleans	284,471	248,936
New York City:		
Manhattan	6,418,755	8,580,439
Bronx	1,474,191	2,285,938
Brooklyn	4,232,142	4,250,128
Queens	1,871,400	2,717,144
Richmond	269,057	206,229
Total	14,265,545	18,039,878
Niagara Falls	73,233	324,787
Oakland, Cal.	540,672	910,680
Oklahoma City	354,575	216,975
Omaha	365,385	346,805
Pasadena, Cal.	164,829	175,132
Passaic	294,500	91,106
Paterson	328,543	107,668
Peoria	162,853	151,170
Philadelphia	3,486,625	4,590,630
Pittsburgh	1,214,521	1,767,612
Portland, Me.	47,030	112,575
Portland, Ore.	262,200	420,560
Pueblo	55,365	40,454
Reading	75,050	48,925
Richmond, Cal.	67,356	49,458
Richmond, Va.	490,866	593,720
Rochester	653,396	596,243
Sacramento	132,023	109,197
Saginaw	137,363	81,215
Salt Lake City	203,150	314,550
San Antonio	203,635	129,470
San Diego	109,585	208,312
San Francisco	2,209 006	1,979,955
San Jose	24,065	53,635
Santa Rosa	20,360	6,975
Savannah	101,475	57,300
Scranton	171,323	40,410
Seattle, Wash.	583,795	735,785
Sioux City	111,850	552,680
South Bend	125,747	12,529
Spokane	134,235	240,000
Springfield, Ill	94,140	670,785

Springfield, Mass.	539,362	535,968
St. Joseph	193,190	214,303
St. Louis	1,279,141	1,761,781
St. Paul	163,751	1,064,452
Stockton, Cal.	116,062	88,325
Superior	188,190	12,255
Tacoma	176,173	168,122
Tampa	142,635	116,245
Terre Haute	64,960	48,235
Toledo	1,149,269	1,022,495
Topeka	61,845	51,440
Trenton	210,338	235,504
Troy	49,835	35,375
Utica	114,120	37,925
Washington	627,363	1,579,301
Wichita	618,995	145,950
Wilkes-Barre	72,042	173,255
Wilmington	715,236	108,326
Worcester	624,761	557,380
Youngstown	323,475	176,313
Total	$79,973,504	$83,434,570

TO CONSERVE THE FOOD SUPPLY.

The National City Bank of New York sends out the following timely appeal for the intensive cultivation of all available tracts of land. The urgent need of cultivating every available foot of land and of using every means to economize should be brought home to every citizen.

We quote from their circular the following:

"All of Europe—neutral as well as warring countrires—has been placed upon food rations to eke out supplies until the new crop is harvested. This country entered the present crop year last July with 164,000,000 bushels of wheat carried over from the crop of 1915, and in 1916 produced 482,000,000 bushels of winter wheat and 158,000,000 of spring wheat; total supply, 804,00,000. This year there will be practically no wheat carried over and the government's estimate upon the winter crop forecasts a yield of only 430,000,000. On this basis the spring wheat crop must be 214,000,000 bushels larger than last year in order to give us a wheat supply equal to what we will export and consume in the crop year now closing. This is an alarming outlook. The spring wheat crop is notoriously subject to weather conditions. More spring wheat should be sown, but it is doubtful if the wheat shortage can be made up. Other food crops must be grown to meet the deficiency.

This country is now at war, and our Allies, Belgium, Great Britain, France and Italy are dependent upon us for food. They will have no reserves and must have more from us in the coming year than in the part, or they will not be able to feed all their people. Added to the appeals of starving humanity will be military reasons making it impossible for us to put an embargo on the exportation of food. We must divide what we grow this year with these countries, and with the neutral countries—Holland, Denmark, Norway, Sweden, Switzerland and Spain—which are not self-sustaining in grain supplies. And not only must we supply enough to keep these people from starving, but enough to cover the heavy losses at sea which results from the submarine warfare. If we grow no more food than we did last year and so far the outlook is for less—there is danger of a food situation such as the world in modern times has not dreamed of. No other country has the resources in land and population to meet this emergency but the United States. There is no business upon which all other business depends as upon this of growing a big crop in America this year. And the work must be started immediately. There is no time to wait on organization from outside. The emergency can be met only by spontaneous action in every state, county and school district, forming local organizations.

Picture in your mind what conditions will be in our own cities next winter, and of the effect upon all industry, if food supplies are scarcer and dearer than they are now! It must be impressed upon everybody that no wage advances or regulation of prices can add one bushel of wheat or potatoes to the supply after the growing season is over.

The country is aroused, but mere alarm will not accomplish results. There must be organized personal work, headed in every locality by men of force and influence.

The Governor of Iowa has called for the enlistment of boys from 13 to 18 to work either in town gardens or upon the farms. President Wilson says that these boys will be "Soldiers of the Commissary." There are fine possibilities in this idea. The boys may be brought to feel that they are serving their country as truly as their older brothers who enlist in army or navy; and the girls should have a chance as well. They should have a medal to keep as lifelong evidence of their service in the last great war—let us hope—of the world's history.

Some of our correspondent banks are arranging for garden plots for all their clerks. Industrial employers are doing likewise, and will provide seeds and instruction. Organized work of this kind with suitable supervision will be most effective. Every employer in your locality should be waited upon by a committee, and invited to co-operate in this manner.

Although it is of course desirable to increase the farm crops, and especially the spring wheat crop, it may be that the best chance to increase the food supply is by the intensive cultivation of garden tracts in and adjacent to towns, where labor additional to the regular farm supply can be secured for growing potatoes, beans, onions, etc. Each community is able to go ahead upon this work without help from outside. The aggregate results will depend upon the efficiency of the local organizations.

We take the liberty of addressing not only our own Bank correspondents, but all bankers, believing that they will be quick to recognize the gravity of the situation, and that their relations with the business community are such as to enable them to secure general co-operation. We would appreciate advice as to what is being done in your locality."

Excerpts from a Letter received by an Officer of this Bank From Sir George Parish, of London, Dated March 21, 1917.

"I have been endeavoring to form some sort of notion of the world's supplies of food both this season and next, and have come to the conclusion that if the American people will continue to help the world to get through this time of great stress and strain by (one) growing as much food as possible and (two) themselves consuming no more than absolutely essential, the world will weather through, although the margin of safety will be very slender. Would it be possible for the ladies of America to start an economy campaign for the benefit of the women and children, not of Belgium only but practically of the entire world, for it is evident that many a poor family will not be able to buy food in the coming twelve or eighteen months in consequence of its dearness and scarcity unless those women who can afford to pay high prices voluntarily deny themselves and share the food which Providence provides with their poorer sisters? If they do this, then the heart of the world will beat with that mother-love which is all powerful for good and which will prevent the recurrence of such a disaster as that now threatening the human race.

"The need of humanity is great.

"The heart of America is also great."

PROFESSOR RICHARDS SUCCEEDS DEAN GOSS AT UNIVERSITY OF ILLINOIS.

Professor C. R. Richards, Professor of Mechanical Engineering and head of the department since 1911, has been appointed Dean of the College of Engineering and Director of the Engineering Experiment Station of the University of Illinois to succeed Dr. W. F. M. Goss who has resigned to become President of the Railway Car Manufacturer's Association of New York.

Dean Richards is a graduate of Purdue University, 1890, and has been successively instructor in Mechanical Engineering, Colorado Agricultural College; and Professor of Practical Mechanics, Professor of Mechanical Engineering, and Dean of the College of Engineering, University of Nebraska. Since entering the University of Illinois he served two years as acting Dean of the College of Engineering during an absence of Dean Goss. Dean Richards is a member of the American Society of Mechanical Engineers, Western Society of Engineers, Society for the Promotion of Engineering Education, Sigma Xi, Tau Beta Pi, Sigma Chi, and Sigma Tau.

CHILEAN ELECTRIC LIGHT AND POWER CONCESSION.

The Chilean Government has granted a concession to install electric light and power service in the towns of Guacarhue and La Vina and in Quinta de Caillona, to Daniel Ortuzar. The concession in the Diario Oficial specifies that the work shall be commenced within six months and completed a year later.

GALVANIZED PRODUCTS WANTED.

The Merrill Metallurgical Co., 121 Second St., San Francisco, is in the market for by-products from galvanizing plants. The company has requested the Chamber of Commerce to place them in touch with firms in that line.

ADVANCE CONSTRUCTION NEWS.

Classified According to Character of Work

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $25,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Anna Hladik. Location, northeast Broadway and Jones streets, covering an area of 60 by 77½ feet.. Will contain 21 apartments of three and four rooms. Plans complete and bids to be called for shortly.

SEATTLE, WASH. — Apartment house, 5 story and base, brick and reinforced concrete, $75,000. Architect, Carl Siebrand, Northern Life Bldg., Seattle. Owner, Mrs. Virginia O. Godderis. Location, northeast Denny Way and Queen Anne avenue, covering an area of 60 by 120 feet. Will contain 37 suites of two, three and four rooms. Plans complete and figures being taken.

PORTLAND, ORE. — Apartment house, 3 story and base, frame. Cost not stated. Architect none. Owners, Oregon Home Builders, Northwestern Bank Bldg., Portland. Location, southeast 25th and Hawthorne avenues, covering an area of 95 by 64 feet. Will contain sixteen apartments of three and four rooms. Plans are being prepared.

VISALIA, TULARE CO., CAL.—Apartment house, 2 story and base, brick or hollow tile, $17,000. Architect, Morve L. Weaver, 113 North Willis street, Visalia. Owner, Dr. T. J. Wynne. Will contain a total of 16 apartments of two rooms and bath each. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO — Apartment house, 3 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, southwest Washington and Leavenworth, covering an area of 30 by 120 feet. Will contain twelve apartments of three rooms and bath. Plans are complete and segregated figures being taken.

OAKLAND, CAL.—Apartment house, 1½ story and base, frame, $75,000. Architect, Walter H. Judson, Albany Block, Oakland. Owner, Henry J. Reeg. Location, Brookside Manor. Will contain a total of 37 apartments of three, fur and five rooms. Garage facilities on the premises. Plans complete and figures being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, East 15th street and Third avenue. Will contain a total of eighteen apartments of two and three rooms. Plans complete and figures being taken.

Contract Awarded.

SAN JOSE, SANTA CLARA CO., CAL.—Apartment house, 2 story and base, frame, $9,000. Architect, Charles S. McKenzie, San Jose Bank Bldg., San Jose. Owner, G. Allen. Contractor, Steve Pelton, San Jose. Contract price, $9,000.

SEATTLE, WASH. — Apartment house, 4 story and base, brick, $70,000. Architect, W. H. Milner, Haight Bldg., Seattle. Owner, P. D. Ehle & Son. Contractors, Walter & Brady, 4049 Latona avenue, Seattle. Contract price, $70,000.

BANKS.

ALAMEDA, ALAMEDA CO., CAL.—Bank, 1 story and base. Class C construction, $30,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Alameda Savings Bank. Location, southeast Webster street and Santa Clara avenue. Will contain a large public room, offices and vault. Safe deposit boxes. Plans complete and figures being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Bank alterations. Cost not stated. Architects, Binder & Curtis, Binder Bldg., San Jose. Owners, Garden City Bank. Work will consist of alterations to the first floor and will include marble and tile work and ornamental iron and bronze. Plans are complete and figures being taken.

Contract Awarded.

VICTORVILE, SAN BERNARDINO CO., CAL.—Bank, 1 story and base, reinforced concrete. Cost not stated. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Carl Leonardt. Contractors, Leonardt & Peck, H. W. Hellman Bldg., L. A. Contract price not stated.

BONDS.

SANTA BARBARA, Cal.—Election has been called for June 26 to vote on bond issue of $85,000 for construction of outfall sewer.

SANTA BARBARA, Cal.—Election has been called for June 26 to vote on levy of special tax to raise $21,000 for repair of East Baulevard and seawall.

MESA, Auriz.—An election will be held May 15th to vote bonds of $125,000 for the construction of a municipal lighting system. W. A. MacDonald is City Clerk.

CLIFTON, Ariz.—An election will be held in Greenlee County, May 19, to vote on an issue of bonds in the sum of $200,000 for the construction of the Clifton-Springerville road.

BRIDGES AND DAMS.

VALLEJO, Solano Co., Cal.—The Worswick Construction Co. expects to secure the job of building a levee behind bulkhead No. 1 as a result of an inspection made by City Engineer T. D. Kilkenny. The levee is badly needed, especially as the Government authorities are figuring on pumping a large amount of mud onto the reclaimed land when the straits are deepened to a 35-foot depth.

The plans call for several parking spaces on the declaimed land between Georgia and Capitol streets.

RIVERSIDE, Riverside Co., Cal.—T. F. Flaherty, Chairman of the Board of Supervisors, will receive bids up to May 9th, 10 A. M., for the construction of a levee at Whitewater Point. Certified check of 5% payable to County of Riverside.

CONDON, Ore.—The Portland Bridge Co., of Portland, submitted the lowest bid for the construction of one of the many bridges to be constructed for Gilliam County. The bid was $18,960 and they will probably be awarded the contract.

MT. VERNON, Wash.—Plans have been completed by Bowerman & McCloy, consulting engineers, Mutual Life Bldg., Seattle, for the construction of a new steel bridge in Mt. Vernon, Wash., for Skagit County. The new structure will be 220 feet long with two reinforced concrete piers and will provide for a roadway and sidewalk.

The structure is estimated to cost between $30,000 and $35,000. Bids will be opened May 8th.

W. E. Costello is County Engineer.

LONG BEACH, Los Angeles Co., Cal.—J. G. Harrah, 510 Washington Bldg., Los Angeles, submitted the only bid at $54,476.70 for the construction of a combined sea wall and promenade at Long Beach. Mr. Harrah is an attorney and it is understood that he represents Henry W. Schleuter, 1225 Maryland street, whose system of interlocking concrete slab is to be used in the construction work. The bid was referred to the city engineer.
(14597) 1st report Mar. 19; 2nd Apr.

NOGALES, Ariz.—Bids will be received at the office of the Collector of Customs at Nogales, at 3 P. M. of May 10, for the construction of a United States bridge on the custom's reservation at Nogales. Plans and specifications may be obtained from the Collector of Customs, or at the office of the Supervising Architect, James A. Wetmore, Treasury Department, Washington, D. C.

SAN FRANCISCO—Pier and wharf, timber piles and concrete, $181,558 and $60,680. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. A complete list of the bids opened by the State Board of Harbor Commissioners for constructing the Islais Creek wharf and for reconstructing Pier No. 46 will be found under the heading of Bids Opened in this issue.

Informal bids are now being taken by the State Board of Harbor Commissioners for the piling for the foundation of a United States Barge Office, which is to be located on Fisherman's Wharf.

SANTA BARBARA, Santa Barbara Co., Cal.—Bids will be received by the

City Clerk up to 12 o'clock, noon, of May 10, for the construction of a reinforced concrete bridge on Hollister avenue across Mission creek.

Separate bids will also be received at the same time for the construction of repairs to the bridge on Grand avenue in accordance with plans and specifications on file at the office of the City Engineer A. B. Cook. Certified check or bond for 10% required. A. Christine Hall is the City Clerk.

SAN FRANCISCO, Cal.—Plans have been sent to Washington for approval for alterations and additions to quarantine wharf at Angel Island, San Francisco Bay. New concrete piles will be set. It is expected that in 10 days bids will be advertised for. Watch these columns.

Contract Awarded.

SACRAMENTO, Cal. Western Pacific Railroad Co. has awarded the contract for the construction of the new railroad bridge over the American River at Sacramento to the Missouri Construction Co., Kansas City, Mo. Construction will be of steel and material is now enroute. Actual construction will be started by May 1st.

EUREKA, Humboldt Co., Cal.—The Rolph Shipbuilding Co., Eureka, has awarded a contract to Walter Selvage of Eureka for the construction of the wharf to be erected at the new ship yards recently purchased by Mayor Jas. Rolph Jr., of San Francisco. The contract price is $5,950.

CHURCHES.

BERKELEY, ALAMEDA CO., CAL.—Church, 2 story and base, frame, $16,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owners, Northbrae Presbyterian Church. Location, Northbrae. Will contain main auditorium, Sunday school rooms and social hall. Plans are being prepared.

TRACY, SAN JOAQUIN CO., CAL.—Church, 1 story and base, frame, $5,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Presbyterian Church. Will contain an auditorium and Sunday school rooms. Plans are complete and figures being taken.

SEATTLE, WASH. — Cathedral, 1 and 4 story and base. Class A construction, $350,000. Architect, E. Frere Champney, Henry Bldg., Seattle. Owners, St. Mark's Church. Location, present site of St. Mark's Church. Other than the fact that this architect has been commissioned to prepare the plans and the amount of money to be expended no details have been given to the public. Further mention will be made.

HONOLULU, HAWAII—Church, 1 and 2 story and base, brick, $45,000. Architect, William Arthur Newman, Post Office Bldg., S. F. Owners, Christian Science Church. Plans complete and figures close May 7th.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Shop building, 2 story, frame, $2,500. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, George Wolters. Location, north Clementina west First, covering an area of 25 by 76 feet. Plans complete and work to be done by Day Labor.

SAN FRANCISCO Factory, 2 story, frame, $3,000. Architect, B. F. Baddeley, 1507 Folsom street, S. F. Owners, Reed Pickle Works. Location, 1507 Folsom street, covering an area of 36 by 75 feet. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Warehouse, 4 story and base, brick and steel. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Union Iron Works. Location, 20th and Illinois streets. Steel work has been awarded to the Western Iron Works and figures are being taken on the balance of the work.

SOUTH SAN FRANCISCO, SAN MATEO CO., CAL.—Packing plant, 4, 4 story, mill construction, $300,000. Engineer, Van Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co. Bids are now being taken on materials and various parts of the work on the reinforced concrete and mill constructed packing houses to be erected in South San Francisco for the Moran Packing Company. The buildings will consist of shipping, warehouse, manufacturing, slaughter house, hog house, etc.

STOCKTON, SAN JOAQUIN CO., CAL.—Factory, 2 story and base, brick, $10,000. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Gloria Ice Cream Co. Location Oak and Aurora streets. Will contain plant and offices. Special ice making machinery not included in estimated cost. Plans complete and figures being taken.

VAN NUYS, LOS ANGELES CO., CAL.—Canning plant addition, 1 story brick. Cost not stated. Architect, E. R. Jeffery, Van Nuys Bldg., L. A. Owners, Van-O-Mar Producers' Association. Will cover an area of 68 by 300 feet. Plans are being prepared.

SEATTLE, WASH.—Steel plant, 3, 1 story, frame and steel. Cost not stated. Architect, none. Owners, Hofius Steel and Equipment Co., Seattle. Location, First and Spokane streets. Plans provide for a 50 by 300 structural shop, 30 by 300 warehouse and a 60 by 150 machine shop. The owners will furnish all materials. Plans are complete and figures being taken.

EUREKA, Humboldt Co., Cal.—The immediate construction of a four-way shipyard, to be located just south of the Samoa wharf, and to be operating from 60 to 90 days from date has been announced for the Hammond Lumber Company by General Manager George W. Fenwick. First vessels to be constructed will be by contract with the government, according to plans now in formation.

Exclusive of site and the electrical plant, the expenditure will amount to $60,000.

Machinery for the sawmill to be operated in conjunction with the plant was ordered some time ago, and immediate shipment will be made.

CROCKETT, CONTRA COSTA CO., CAL.—Sugar refinery additions, 6, 5, 7, and 9 story, brick, steel and concrete, $3,000,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, California-Hawaii Sugar Co. Both the char house and refinery addition will be nine stories. Warehouses and other buildings will range from five to seven stories. Plans are being prepared.

TULARE, TULARE CO., CAL. — Packing plant, 1 story and base, brick, $10,000. Architect, none. Owners, Tulare Rochdale Co., leased to McCullough Provision Co. Will cover an area of 50 by 150 feet. Plans complete and work to be done by Day Labor. Lessees to install a refrigerating plant at a cost of $5,000.

Contract Awarded.

SEATTLE, WASH. Addition to grain elevator, reinforced concrete, $79,392. Engineers, Port of Seattle Commission, Bell Street Dock, Seattle. Owners, City of Seattle. Contractor, P. A. Harrington, Oriental Bldg., Seattle. Contract price, $79,392.

LOS ANGELES, CAL.—Laundry addition, 2 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, Linen Laundry and Supply Co. Contractor, John F. Blee, Union League Bldg., L. A. Contract price not stated.

PORTLAND, ORE—6 grain elevators, reinforced concrete. Cost not stated. Engineer's name not given. Owner's name withheld. Contractors, Burrell Engineering Co., Lewis Bldg., Portland. Contract price not stated.

FIRE HOUSES AND JAILS.

OLYMPIA, WASH. — Prison repairs and additions. Cost as follows. Architect, Julius Zittel, Jamison Bldg., Spokane. Owners, State of Washington. The State Board of Control has commissioned Architect Julius Zittel to prepare plans for the following work: New steel roof to the cell wing and dining hall at the Walla Walla penitentiary; two annexes to the custodial building at the Medical Lake institution to cost $80,000, and new buildings at the Grand Mound School for Girls to cost $94,000. The steel roof work will cost $25,000. Dennis Nicholls of Vancouver, Wash., will be associated with Mr. Zittel on the Grand Mound work.

Contract Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Fire house, 1 story and base, brick, $4,220. Architect, James T. Narbett, 907 Macdonald avenue, Richmond. Owners, City of Richmond. Contractor, P. M. Sanford, Richmond. Contract price, $4,220. A complete list of these bids will be found under the heading of Bids Opened in this issue.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $4,000. Architect, none. Owner, John J. Binet, 68 Ramona avenue, S. F. Location, west Linda south 18th street, covering an area of 25 by 51 feet. Will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 and 2 story, reinforced concrete. Cost not stated. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Location, California street, covering an area of 40 by 120 feet. Plans being prepared.

STOCKTON, SAN JOAQUIN CO., CAL. Garage, 1 story and base, brick, $8,000. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Misses Mitros. Location, Eldorado and Lindsay streets. Designed for a commercial garage and will cover a considerable ground area. Plans complete and figures being taken.

LOS ANGELES, CAL. Garage and sales rooms, 2 story and base, brick. Architect, Frank L. Meline, 6778 Hollywood Boulevard, L. A. Owner, John Shell. Location, Hollywood Boulevard near Hudson, covering an area of 37 by 200 feet with a wing 70 by 100 feet. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 2 story and base. Class C construction. Cost not stated. Architect, Frank Wilson Young, Lankershim Bldg., L. A. Owner, J. W. Park. Location, south Sixth street near Lucas. Designed for a commercial garage. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Roman Catholic Church, leased to Walter M. Brown, Stutz agent. Location, southwest Figueroa and Washington Sts., covering an area of 100 by 189 feet. Plans complete and figures being taken.

GOVERNMENT WORK & SUPPLIES.

New Army Construction.

Colonel I. W. Littell, of the quartermaster general's office, who has charge of Army construction, has completed elaborate plans for the "layout" of various organizations in anticipation of the construction of cantonments for the shelter of a large military force of 1,000,000 men. The location and size of these camps have not been determined. Therefore, contracts for the work cannot yet be made. It is a question whether the War Department will purchase the material and engage general construction companies to erect the buildings or award contracts for the complete work. In the meantime, the quartermaster general's office and the National Defense Council have been obtaining estimates to ascertain the cost of material and the sources of supply.

There will be erected at Fort Myer, Va., a series of sample buildings arranged in units of various types of construction, and the departmental designation of type will be governed, not only by price and availability of material, but by consideration of climate. One of the types will be of metal, another of concrete (which includes the roof), and a third of frame (of the "knock-down" variety). The buildings will be one story and of the simplest design. The "layouts" will be for brigade headquarters, a regiment, a battalion, and a company. The officers quarters for a regiment, for example, will be 84 feet in length and contain at one end the kitchen and mess room with offices at the other; between will be separate sleeping rooms for six officers. Each company unit will have two barrack buildings 112 feet in length. The mess building will be 77 feet long. A "layout" for a company will consist of quarters for officers, latrines, bath houses, barracks, mess buildings, and kitchen. In the cavalry command there will be shelter for animals designed specially for that purpose. It it desired that the buildings shall be readily put together, and in some instances it is proposed that the buildings shall be of the portable type so that the shelter may be easily transported in the event of a transfer of a command.

The estimated cost of providing temporary construction, etc., for this emergency force of 43,000 officers and 1,034,270 enlisted men, after deducting accommodations now available in the United States for 70,000 officers and enlisted men, amounts to $75,653,092. The item for the construction of temporary buildings described above will cost $40,290,800. Temporary hospitals are to be built to cost $2,014,540; water and sewer systems will cost $2,490,000; electric lighting systems, $604,000; roads, $5,036,000. Some idea of the extent of governmental expenditures for this purpose may be gained from the fact that $270,000 will be allotted for the purchase of ice boxes for the preservation of food in camps.

Boise, Idaho, Post Office.

As previously reported the contract for the construction complete of an extension to the U. S. post office at Boise, Idaho, was awarded to Welch Bros. & Hannimann, Kalispel, Mont. In the construction of the building fixtures and material manufactured by the following firms will be used: Plumbing fixtures, John Douglas Company; cast iron column radiators, U. S. Radiator Corporation; radiator valves, Kennedy Valve Manufacturing Company; air valves for end of steam mains, Jenkins Bros.; cabinet and tablet, Frank Adam Electric Company; conduit, Western Conduit Company; rubber-covered wire, Safety Insulated Wire and Cable Company; flush switches, Hart & Hegeman Manufacturing Company.

Cheyenne, Wyo., Plumbing, Etc.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for plumbing, etc., in the U. S. post office building at Cheyenne, Wyo.:

J. L. Powers, Bennettsville, S. C., $1,390; 120 days.

George A. Kees Domestic Engineering Co., St. Paul, Minn., $1,394; time, 90 days.

Lander, Wyo., Roof.

J. H. Watson has the contract at $950 for making repairs to the roof of the U. S. post office at Lander, Wyo.

Olympia, Wash., Repairs and Painting.

The contract for repairs and painting at the U. S. post office at Olympia, Wash., has been awarded to Wm. Ogle at $675.

HALLS AND SOCIETY BUILDINGS.

GLENDALE, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick, $45,000. Architect, Alfred F. Priest, Fay Bldg., L. A. Owners, Glendale Elks' Hall Association. Location, Colorado street near Brand Boulevard, covering an area of 105 by 80 feet. Will contain 25 bachelor apartments besides the lodge rooms. Plans are complete and figures being taken.

NEEDLES, SAN BERNARDINO CO., CAL.—Lodge hall and stores, 2 story and base, brick, $18,000. Architect, P. W. Ehlers, 443 3rd street, San Bernardino. Owners, Needles Masonic Hall Association. Will cover an area of 50 by 150 feet and contain stores and lodge rooms. Plans are being prepared.

REEDLEY, FRESNO CO., CAL.—City hall, 1 story, brick. Cost not stated. Architect, none. Owners, City of Reedley. Location, 10th street, covering an area of 24 by 66 feet. Plans complete and figures being taken. Bids open on May 15th. Plans can be secured from the City Clerk.

YREKA, SISKIYOU CO., CAL. — City hall, 1 story and base, reinforced concrete, $10,000. Architect, George C. Sellon, 1005 K street, Sacramento. Owners, City of Yreka. Will contain offices of the mayor, city clerk and fier department. Plans complete and figures being taken. Bids open on May 10th.

Contract Awarded.

VISALIA, TULARE CO., CAL. — Lodge rooms and stores, 3 story and base, brick, $52,550. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Elks' Hall Association. Contractor, D. B. Day, Woodlake. Contract price, $52,550.

HOSPITALS.

SAN FRANCISCO—Hospital wards, 2, 3 story and base, reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Location, Presidio of San Francisco. These will be erected at the Letterman General Hospital and will be similar in construction to J. ward erected last year. Plans are being prepared.

SAN FRANCISCO—Hospital kitchen equipment. Cost not stated. Architect, none. Owners, City and County of San Francisco. Bids will be opened on May 9th for furnishing the kitchen equipment for the southwest wing of the San Francisco Hospital..

BURKE, SONOMA CO., CAL.—Sanitariums, 4, 2 and 4 story, frame, $400,000. Architect, Walter H. Judson, Blake Bldg., Oakland. Owners, Burke Sanitarium Co. This group of buildings will be erected on a 60-acre tract, which will be landscaped and an artificial lake covering seven acres constructed. The main building will contain 300 rooms while the other buildings will be an administration building, surgical ward and nurses' home. Plans are being prepared..

SEDRO-WOOLEY, WASH.—Hospital, 3, 1 and 2 2 story and base, reinforced concrete, $115,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, State of Washington. These architects have just been commissioned to prepare plans for two ward buildings and a commissary store building at the State Hospital. Further mention will be made of the work.

RETSIL, WASH.—Vetrans' home, 1 and 2 story, reinforced concrete, $25,000. Architect, George W. Lawton, Alaska Commercial Bldg., Seattle. Owners, State of Washington. The architect has just been commissioned

to prepare these plans and other than the fact that the building will be used for a hospital no details are available. Further mention will be made of the work.

ORTING, WASH.—Hospital, 1 and 2 story, reinforced concrete, $16,000. Architect, Andrew Willatzen, Boston Block, Seattle. Owners, State of Washington. Will form one of a group of new buildings to be erected at the State Institution at Orting. Further mention will be made of the work.

SEDRO-WOOLEY, WASH.—Hospital, 3, 1 and 2 story and base, reinreinforced concrete, $35,750. Architect, George W. Lawton, Alaska Bldg., Seattle. Owners, State of Washington. Preliminary plans only have been prepared and further mention will be made of the work when plans have been approved.

HOTELS.

MANTECA, SAN JOAQUIN CO., CAL.—Hotel, 2 story and base, brick, $18,000. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owner, A. V. Faight. Will cover an area of 50 by 125 feet and contain 35 rooms, office and lobby. Plans are being prepared.

SALINAS, MONTEREY CO., CAL.—Hotel, 3 story and base, reinforced concrete and hollow tile, $200,000. Architect, Theo Lenzen, Humboldt Bank Bldg., S. F. Owners, Salinas Hotel Co., Will contain in the neighborhood of 150 rooms, dining rooms, office, lobby and banquet room. Plans are nearly complete and figures will be called for shortly.

Contract Awarded.

SAN JOSE, SANTA CLARA CO., CAL.—Hotel addition, 2 story and base, reinforced concrete, $50,000. Architects, William Binder and Curtis, Binder Bldg., San Jose. Owners, Montgomery Hotel.. Contractors, Twoby Bros., care James F. Horan, Montgomery Hotel, San Jose. Contract price, $50,000.

WOODLAND, YOLO CO., CAL. — Hotel and stores, 4 story and base, reinforced concrete, $100,000. Architect, Walter H. Judson, Blake Block, Oakland. Owners, Hotel Woodland. Will cover a considerable ground area and contain over 100 rooms, dining room, office, lobby and stores. Plans are being prepared.

IRRIGATION PROJECTS.

O. M. Goldaracena of San Francisco has applied to the State Water Commission for permission to appropriate 2 cubic feet per second of the waters of Putah Creek, tributary to the Sacramento River in Lake County for the purpose of irrigating 125 acres. The water will be taken out of the creek by means of a pumping plant, according to applicant, and 2,000 feet of flume will be required to conduct same to lands to be irrigated.

W. F. Fowler of Willows has applied to the State Water Commission for permission to appropriate 100 cubic feet per second of the waters of the Sacramento river near Sidd's Landing in Glenn County for the irrigation of rice. The present application is a companion to a former application for 150 second feet, applicant stating that the additional water is required to extend the acreage being devoted to the culture of that cereal. The proposed works consists of four 36" centrifugal pumps each operated by 500 H. P. motors and discharging directly into the canal which is five miles in length. The number of acres to be irrigated is given as 14,123 and the estimated cost at $190,000.

The Little Rock Irrigation District of Little Rock, Los Angeles County, has applied to the State Water Commission for permission to appropriate all the flood waters and all the unappropriated waters of the Little Rock Creek for the purpose of increasing the present irrigation supply of the district. The application states that the point of diversion will be through the present canal intake. There is a proposed new storage reservoir with a dam to be 75 feet high, and 450 feet long on top and bottom of reinforced concrete the estimated cost of which is given at $75,000. The Commission has granted until October 1 to complete survey and file map.

B. F. Lynip of Alturas has applied to the State Water Commission for permission to appropriate 2,000 acre feet of the waters of Round Mountain Drainage area, tributary to North Fork of the Pit river in Modoc county, for irrigation purposes. The plan proposes a ditch six miles long. The Commission has given applicant until July 1 to complete the application by filing of map and other required data.

Geo. Z. Smith of Redlands has applied to the State Water Commission for permission to appropriate 2½ second feet of the waters of three springs tributary to Baldwin Lake in San Bernardino county for irrigation purposes. Cement basins in the springs and a pipe line a mile and a half long are the principal works of the proposed diversion.

WILLOWS, Glenn Co., California.—Engineer George Nelson, Willows, Cal., states that a number of figures were opened today for furnishing electric equipment, pumping machinery and for excavating in Sections Nos. 1 and 2 of the Central Jacinto Irrigation District in Glenn County. No bids will be made public until the awards are made, which will be sometime next week.

The Little Rock Irrigation District of Little Rock, Los Angeles County, has applied to the State Water Commission for permission to appropriate all the flood waters and all the unappropriated waters of the Little Rock Creek for the purpose of increasing the present irrigation supply of the district. The application states that the point of diversion will be through the present canal intake. There is a proposed new storage reservoir with a dam to be 75 feet high, and 450 feet long on top and bottom of reinforced concrete the estimated cost of which is given as $75,000. The Commission has granted until October 1 to complete survey and file map.

LIBRARIES.

INGLEWOOD, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, $10,000. Architect, C. H. Russell, Story Bldg., L. A. Owners, City of Inglewood. Will contain two reading rooms, work space and offices. Plans are complete and figures being taken.

POWER PLANTS.

WOODLAND, Yolo Co., Cal.—Bids will be received until May 7 by Neal Chalmers, City Clerk, for furnishing a horizontal single-stage contrifugal pump, capacity 1200 gallons per minute against a 28-foot suction and a 50-foot head, direct-connected to a 40-hp. induction motor.

O. P. McFarlane, acting for L. W. and L. M. Munzinger, William Nourse and William H. Gibson, has applied to the State Water Commission for permission to appropriate 65 miner's inches of the waters of Curtin or McCormick Canyon in Inyo County for mining on the Buzzard claim in that county. A pipe line a mile long will be required to convey the water to the mine, the estimated cost being given as $4,000. The water is to be returned to the stream after use.

A. A. Codd of Alleghany has applied to the State Water Commission for permission to appropriate one-half second foot of the waters of Kanaka Creek in Sierra county for quartz milling purposes. The main works consist of a pipe line 1,000 feet in length. Applicant has been given until June 18 to file map.

HANFORD, Kings Co., Cal.—Four bids were received by the Hanford Trustees for furnishing fire hydrants to be used in connection with the fire main extension now under construction. The bids were referred to City Engineer Edw. Lynch.

The Hanford Manufacturing Company bid $40 each for four-inch hydrants and $46 each for six-inch hydrante; the Horlock-Clow Company bid $46 for four-inch and $48 for six-inch hydrants; the bid of the Water Works Supply Company of San Francisco was for a different style hydrant than that specified and was withdrawn; the C. Weisbaum Company of San Francisco bid $47.75 for four-inch hydrants and $49 for six-inch (double hydrants) .

SALEM, Ore.—A power plant which will cost $200,000 is proposed for Harney County, about 75 miles south of Burns and 40 miles southwest of Crane, according to an application for a permit filed in the office of the state engineer. The application was filed by Scott Catterson, who seeks to appropriate 40 second feet of water from the Donner and Blitzen river for the development of 2171 horsepower. It will be necessary, according to the plans, to construct a canal and pipe line nine miles long and construct a concrete dam 60 feet in length.

RAILROAD CONSTRUCTION AND EQUIPMENT

Contract Awarded.

KLAMATH FALLS, Ore. The City Council has formally accepted the bid of Robert E. Strahorn, of Portland and Spokane, of $300,000 for the construction of the Klamath Falls Municipal Railway to extend from Second street and Klamath avenue to Dairy, Ore., twenty miles east, and for certain equipment and rolling stock specified.

TORRANCE, LOS ANGELES CO., CAL.—Railroad shops, 30, 1 and 2 story, brick, concrete and steel. Cost as follows. Engineer, J. D. Isaacs, New York. Owners, Pacific Electric Railroad Co. Pacific Electric Railway officials announce that the company has made an appropriation of $1,000,000 for the construction of a group of shop buildings at Torrance. Actual construction work will be commenced as soon as the plans are received.

PORTLAND, ORE.—Car shop extension, 1 story, reinforced concrete and frame, $18,500. Architect, none. Owners, Southern Pacific Co., Flood Bldg., S. F. Location, east 20th avenue near Long street, covering an area of 50 by 400 feet. Plans are complete and a contract will be awarded shortly.

RESIDENCES.

SAN FRANCISCO — Residence, 1 story and base, frame, $4,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 5443 Geary street, S. F. Location, east 4th avenue south Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, brick, $30,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, George D. Cooper. Location, Pacific avenue east Steiner. Will contain fourteen rooms, several baths and sleeping porch. Separate garage. Plans complete and figures being taken.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, $5,000 to $8,000. Architect, none. Owner, C. S. Allred, 150 Onondago avenue, S. F. Location, 22nd and 23rd avenues near Fulton. These houses will contain from seven to nine rooms with two baths and basement garages. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residences, 4, 1 story and base, frame, $2,000 each. Architect, Alexander Neil, 4221 Moraga avenue, S. F. Owners, Neil Bros. Location, south Goethe west San Jose avenue. Each house will contain five rooms and bath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $2,000. Architect, none. Owner, C. E. Reinhart. 27th and Kansas. Location, northeast 19th and Lamson Lane. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $15,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner's name withheld. Will contain twelve rooms, several baths and sleeping porches. Separate garage. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $7,500. Architect, William C. Hays, First National Bank Bldg., S. F. Owner, E. A. Blockinger. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans are being prepared.

OAKLAND, CAL. — Residence, 2 story and base, frame, $10,000. Architect, Charles C. McCall, Central Bank Bldg., Oakland. Owner, Mr. Carter. Location, Monte Cristo and Kingston. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans complete and figures being taken.

PIEDMONT, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $4,500. Architect, none. Owner, Alfred Cords, 1540 San Pablo avenue, Oakland. Location, lot 34, Nova Piedmont. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

MENLO PARK, SAN MATEO CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Henury Shermund, Mills Bldg.., S. F. Owner, Mrs. L. E. Foster. Location, Oak Grove avenue and Toyon Road. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $5,600. Architect, Edward Norberg, Bank Bldg., Burlingame. Owner, Judge Lamb. Location, Burlingame Heights. Will contain nine rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, $4,500. Architect, Charles S. McKenzie, San Jose Bank Bldg., San Jose. Owner's name withheld. Location, Hanchett Park. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are being prepaared.

SAN JOSE, SANTA CLARA CO., CAL.—Residence alterations, 2 story and base, frame, $4,000. Architect, Charles S. McKenzie, San Jose Bank Bldg., San Jose. Owner, J. W. Whitman. Location, southwest Ninth and San Carlos. Work will consist of interior and exterior alterations, new painting, plumbing and electric work. Hardwood floors. Plans complete and figures being taken.

VALLEJO, SOLANO CO., CAL. — Residences, 6, 1 story and base, frame. Cost not stated. Architect, O. R. Thayer, 443 Georgia street, Vallejo. Owner's name withheld. Each house will contain five rooms and bath. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $1,800. Architect, none. Owner, M. Morton, 10th and Macdonald streets, Richmond. Location, Pennsylvania avenue near Eighth. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

NEWMAN, STANISLAUS CO., CAL. —Residence, 2 story and base, frame, $7,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner William J. Burr. Bank of Newman. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

FRESNO, FRESNO CO. CAL. Residence, 2 story and base, frame, 2,500. Architect, none. Owner, J. G. Porter, Cambridge avenue, Fresno. Location, Altmont Tract. Will contain six rooms and bath. Sleeping porch. . Plans complete and work to be done by Day Labor.

LOS ANGELES, CAL. Residence, 2 story and base, frame, $15,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Irwin J. Muna, Merchants' National Bank Bldg., L. A. Location Winsor Square. Will contain 22 rooms, three baths and sleeping porch. Separate garage. Plans complete and contract awarded to the Milwaukee Building Co.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, $2,000 each. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, George C. Wagner. Location, south Sunnyside west Congo. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, Victor Holmgren. Location, northeast Naples and Munich. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, S. Carleton, 2023 69th avenue, Oakland. Location, south Weld east 69th avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $1,500. Architect, none. Owner, J. J. Crowe, 4400 East 14th street, Oakland. Location, east 44th avenue north East 14th St. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $3,500. Architect, none. Owners, Horsewell & Horsewell. Location, Harvard and Portsmouth Roads. Will contain seven rooms, bath and sleeping porch. Plans are complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, story and base, frame, $3,500. Architect, none. Owner, H. S. Pratt, 1015 Glendora avenue, Oakland. Location, north Fairbanks avenue east Crofton. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.— Residences, 16, 1 story and base, frame, $30,000. Architect, N. P. Reynolds, 703 Haight avenue, Alameda. Owner, Miss Alfreda Wright. Location, Central avenue running through to the beach. Each dwelling will contain three or four rooms. Plans complete and figures being taken.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Herbert C. Howard and Norman Marsh, Broadway Central Bldg., L. A. Owner, Dr. White. Loca-

tion Tenth and Wall streets, to cost [illegible]. Will contain fourteen rooms and two baths. Separate garage [illegible] being prepared.

Contract Awarded.

ALTADENA, LOS ANGELES CO., CAL. Residence, 2 story and base, frame. Cost not stated. Architect, Foss Designing Co., Euclid avenue near Colorado, Pasadena. Owner, J. W. Clise. Contractors, Foss Designing and Building Co., Pasadena. Contract price not stated.

SCHOOLS.

SUTTER CITY, SUTTER CO., CAL. —School gymnasium, 1 story, frame. Cost not stated. Architect, Chester Cole, Chico. Owners, Union High School District. Will contain a large gymnasium and visitors gallery. Plans complete and figures being taken. Bids open on May 14th.

PORTLAND, ORE. — School addition, 2 story and base, reinforced concrete, $150,000. Architect, F. A. Naramore, Portland. Owners, City of Portland.. Location, Franklin School site. Plans are nearly complete and figures will be called for shortly.

PORTLAND, ORE.—School addition, 2 story and base, frame, $40,000. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, Woodstock School site. Will contain six rooms and departments of domestic science and manual training. Plans are complete and figures will be called for shortly.

OAKLAND, CAL. — School toilet system. Cost not stated. Architect, none. Owners, Citiy of Oakland. Bids will be opened on May 7th at 5 p. m. for installing a new toilet system in the Lafayette School, located at 18th and West streets. Plans can be secured from the Secretary of the Board of Education, City Hall.

OAKDALE, STANISLAUS CO., CAL. —School manual training building, 1 story, frame, $4,000. Architect, Hugh Y. Davis, Fresno. Owners, City of Oakdale. This building will be the first unit of an Intermediate School. Plans are being prepared.

TELLMAN, FRESNO CO., Cal. — School, 1 story, frame, $7,500. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Tellman School District. Designed for a district school and will contain three class rooms. Plans are nearly complete and figures will be called for at once

LINDCOVE, FRESNO CO., CAL.— School, - story, frame, $5,000. Architect, Hugh Y. Davis, 1015 Wilson avenue, Fresno. Owners, Lindcove School District. Will contain one class room. Plans also include a septic tank and water supply system. Plans are complete and figures being taken..

GLENDORA, LOS ANGELES CO., CAL.—School, 1 and 2 story, brick or hollow tile, $40,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Glendora School District. Will contain six class rooms and a large auditorium. Plans are being prepared.

AZUSA, LOS ANGELES CO., CAL.— School, 1 story and base, hollow tile, $50,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Azusa School District. Will contain eight class rooms and an auditorium. Plans are being prepared.

LOS ANGELES, CAL.—School cafateria, 1 story and base, brick. Cost not stated. Architect, John C. Austin, Baker-Detwiller Bldg., L. A. Owners, City of Los Angeles. Location, Country Club Drive near Wilshire Boulevard, covering an area of 112 by 110 feet. Plans are complete and figures being taken. Bids open on May 10th.

OAK KNOLL, LOS ANGELES CO., CAL.—School, 1 story, frame, $30,000. Architect, Walter Webber, Ferguson Bldg., L. A. Owners, Santa Marino School District. Will contain six class rooms and an auditorium. Plans are being prepared.

SEATTLE, WASH.—School, 2 story and base, brick, $80,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, 5th avenue and North 42nd street, covering an area of 42 by 198 feet. Plans are complete and figures being taken. Bids will be opened on May 7th.

SEATTLE, WASH.—School, 1 story and base, brick, $40,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, California avenue near West Barton street, covering an area of 65 by 200 feet. Will contain six class rooms and an auditorium. Plans are complete and figures being taken. Bids will be opened on May 7th.

Contracts Awarded.

PACIFIC GROVE, MONTEREY CO., CAL.—Biological building, 2 story and base, reinforced concrete, $23,000. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Trustees of Leland Stanford, Jr., University. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $23,000.

PALO ALTO, SANTA CLARA CO., CAL.—College dormitories, 4, 3 story and base, reinforced concrete, $250,000. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Trustees of Leland Stanford, Jr., University. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $250,000.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN LEANDRO, Alameda Co., Cal. —The City Trustees are again considering the matter of installing a fire alarm system in this city. The Gamewell Fire Alarm Co., 86 Third street, San Francisco, is taking the matter up with the Trustees and action is expected within the next few weeks.

HOOPA, Humboldt Co., Cal.—Representative Clarence F. Lea of Humboldt County, has been assured by the Indian Department at Washington, D. C., that the eight miles of mountain road from the Hoopa Indian Reservation in Mendocino County to Weitchpec in Humboldt County would be constructed at once. Funds are available.

SAN LEANDRO, Alameda Co., Cal. —The Trustees have instructed City Engineer Robert H. Goodwin to proceed with the necessary plans, etc., for the improvement of Washington avenue from Davis to Hepburn and Hepburn between East Fourteenth and Washington.

Construction will be of the bitulithic type.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works has rejected the bid of the Tibbitts-Pacific Co., 16 California street, for dredging the Pierce Street outfall sewer. This firm was the only bidder at $2,790.

New bids will probably be called for.

NAPA, Napa Co., Cal.—The City Clerk has been instructed to receive bids up to May 14th for curbing and sidewalking Main street, from Pearl to Napa Creek Bridge and for the improvement of the roadway in the same part of Main street.

O. H. Buckman is City Engineer.

SACRAMENTO, Cal.—Plans and specifications are being prepared by County Engineer R. M. Morton for the "J" Street Road and the Marysville Highway, which will be the next roads under the $1,750,000 bond issue for which bids will be asked. Bids will be advertised May 22nd for these two stretches, which amount to twelve miles on the J-Street Road and six miles on the Marysville Road.

BAKERSFIELD, Kern Co., Cal.— City Clerk R. G. Ballagh will receive bids up to May 14th, 8 P. M. for the following work:

That First Alley south of Nineteenth street lying between the W property line of G street and the E property line of Spruce street, be graded and subabse tamped, and that cement concrete pavement with a sheet asphalt wearing surface; cement concrete curbs and gutters, be constructed thereon, between the points hereinbefore designated.

FRESNO, Fresno Co., Cal.—The City Council has passed a resolution of intention providing for the following work:

That "H" street from El Dorado street to Roosevelt avenue; also that Park Blvd. from Roosevelt avenue to a point 35 feet SW from the center line of Dry Creek, and from a point 35 feet NW from the center line of Dry Creek to the W city limits, etc., be graded, curbed and guttered with cement concrete curb and gutter, paved with a pavement consisting of a 4-inch cement concrete base and a 1½-inch Bitulithic wearing surface, and culverted with corrugated iron culverts.

W. H. Ryan is City Clerk.

SOUTH BEND, Wash.—Chas. B. B. Henry, County Engineer, will receive bids up to May 8th for the construction of the following roads: Clearing, grubbnig, grading and draining of 1¼ miles of State Road No. 20 near Raymond; same on ½ mile of Lilly-Wheaton Road and 1¾ miles of the National Park Highway between Menlo and Holcomb.

REDDING, Shasta Co., Cal.—The Redding City Trustees have ordered bids received up to May 7th for the paving of 8 blocks of streets in the business district. It is thought the work will cost about $40,000.

SAN FRANCISCO, Cal.—F. R. Ritchie, Chronicle Bldg., submitted the lowest bid to the San Francisco Board of Public Works for the construction of Section A of the Marina Boulevard at $39,600.

(14715) 1st report Mar. 22; 2nd Apirl

The San Francisco Board of Public Works has granted permits to improve streets under private contracts as follows:

Gates, Cortland to Eugenia to D. L. Bienfield.

Green between Jones and Taylor to Fay Improvement Co.

Fortieth avenue between Geary and Anza to M. A. Greely.

Anza between 38th and 39th avenues, to M. A. Greely.

Palou between Newhall and Phelps to Flinn and Treacy.

Crossing of Mariposa and Hampshire to Fay Improvement Co.

Twentieth street from Eureka to Douglass to Fay Improvement Co.

The following permits were granted for sidewalk construction:

Newcomb between Newhall and Phelps to Fay Improvement Co.

Twenty-fifth avenue between Anza and Balboa to Massagli & Vannucci.

Geary street between 25th and 27th avenues to Jas. Tobin.

Geary street between 24th and 25th avenues to C. C. Sayre.

F. Collins was granted a permit to construct a private sewer at Valley and Diamond streets.
(15607)

The Board passed resolutions of intention providing for the following work:

Construction of sidewalks in Jessie street, between 7th and 8th streets.

Improve crossing at 21st and Sanchez streets.

Curb and pave 21st street from Church to Chattanooga.

Curb and pave 21st street from Church to Sanchez.

Sewer Ingerson avenue from Railroad to Hawes.

Grade, sidewalk curb and pave Evans avenue from Lane to Ingalls, including crossings.

MERCED, Merced Co., Cal.—Mayor Fowler has received word from the J. H. Shafer Co. of Los Angeles, stating that they found it necessary to reject the contract for the street paving in Merced which was awarded to them a few weeks ago on their bid of $56,039. A technicality in the resolution of intention made the resolution illegal because of the failure to establish the grade on one alley, but the Board could not make any move to remedy the defect until the contractor rejected the bid.

New bids will be called for.

EUREKA, Humboldt Co., Cal.—Specifications for surfacing three miles of the road from Ferndale to Grizzly Bluff have been accepted by the County Commissioners. Bids will be called for submission at the regular May meeting.

The specifications call for a surfacing of Road-a-lite or other asphaltic material.

Contract Awarded.

AUBURN, Placer Co., Cal.—The City Trustees have adopted a resolution ordering the receipt of bids for the paving of one mile of the principal business streets. Bids close May 9th, 8 P. M. The work will be figured in three contracts.

The work is estimated to cost between $50,000 and $60,000 of which the city will pay $20,000. Work will be under the supervision of City Engineer Grover Conroy.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—A. P. Scott, South San Francisco, has been awarded the contract for grading the High School Park Subdivision.

The grading covers Spruce avenue, Park Way, Pine Terrace, Walnut avenue, Maple avenue and Lux avenue, and follows the hillside contours.

COLFAX, Wash. J. M. McCaw, County Engineer, report J. A. Fletcher & Co., of Seattle, as having been awarded the contract for the construction of Permanent Highway No. 12, on their bid of $53,300.

The improvement of Revere avenue bet. Jennings street and the E line of Railroad avenue, by the construction of concrete curbs; resetting the existing concrete curbs, and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The State Improvement Co., Crocker Bldg., for $2,492.

The improvement orf the intersection of Alabama street and Precita avenue, resetting the existing granite curbs; by the construction of grainte curbs; resetting the existing catchbasins; construction of one brick catchbasin, and 10-inch vitrified, salt-glazed ironstone pipe culvert; artificial stone sidewalks, and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The Fay Improvement Co., Phelan Bldg., for $3,155.83.

The improvement of Capitol avenue bet. Broad and Sadowa streets, by the construction of concrete curbs and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The State Improvement Co. for, $360.

The improvement of Oakdale avenue bet. Newhall and Quint streets, by the construction of concrete curbs and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy, 404 1st National Bank Bldg., for $704.

The improvement of Newcomb Ave. bet. Newhall and Phelps streets, by the construction of concrete curbs and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to Flinn & Treacy for $537.50.

The improvement of Berlin street bet. Bacon and Silliman streets, by the construction of concrete curbs and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof. Awarded to The Federal Construction Co., Sharon Bldg., for $1,485.

The improvement of Alabama street bet. Precita avenue and Norwich street produced, by the construction of artificial stone sidewalks; concrete curbs and 3 brick catchbasins with 10-inch vitrified, salt-glazed, ironstone pipe culverts; resetting the existing granite curbs and existing catchbasin and constructing a 10-inch vitrified, salt-glazed, ironstone pipe culvert; construction of a 7-foot and a 14-foot strip of vitrified brick pavement and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface Awarded to The Fay Improvement Co for $ 287.53

The improvement of Girard street from Burrows street to Dwight street, by grading, construction of concrete curbs, artificial stone sidewalks; 16 brick catchbasins with gratings and trap and 10-inch vitrified, salt-glazed, ironstone pipe culverts, and construction of an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway where not already constructed. Awarded to The Raisch Improvement Co., Underwood Bldg., for $19,434.92.

SACRAMENTO, Cal.—The City Commissioners have awarded contracts to J. W. Terrell, 1111 29th St., Sacramento, as follows:

That the alley bet. Santa Ynez Way and Thirty-sixth street be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the S line of Folsom Boulevard to a point 2 feet N from the N line of "P" street; constructing 2 concrete manholes; placing 30 6-inch vitrified ironstone wye branches on 8-inch pipe sewer and back filling the trench.

That Santa Clara Way, Catala Way and Forty-second street be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer on Santa Clara Way from the manhole in place on Third Avenue to a point 101 feet S from the S line of Second Avenue; constructing an 8-inch vitrified ironstone pipe sewer on the center line of Catala Way from Santa Clara Way to a point 190 feet E therefrom; constructing an 8-inch vitrified ironstone pipe sewer on Forty-second Street from the manhole in place 50 feet N from the center line of Third Avenue to a point 484 feet N therefrom; constructing 4 concrete manholes complete with cast iron curbs and covers; placing 53 6-inch vitrified ironstone wye branches on 8-inch sewer, and backfilling the trenches.

SAN DIEGO, San Diego Co., Cal.—The C. L. Hyde Construction Co., 954 Third street, San Diego, has been awarded the contract for the construction of 9.4 miles of Federal road beginning at the intersection of the state highway at the summit of the grade at Buckman's Springs and extending up the Laguna mountains to the Laguna lake.

STOCKTON, San Joaquin Co., Cal.—Contract for street paving, grading, sidewalks, etc., in Fair Oaks District has been awarded to Clark & Henery Construction Co., 38 S-Sutter St., Stockton, for $41,916.81. Federal Construction Co. bid $43,285.24.

The contract for improving Minor avenue has also been awarded to Clark & Henery Construction Co. for $6,571. Federal Construction Co. bid $7,052.85.

RICHMOND, Contra Costa Co., Cal. Geo. W. Cushing, 420 MacDonald Ave., Richmond, has been awarded a contract on his bid of $23,806.11 for the following street improvement, that a portion of South street, Wall avenue, 41st street and 37th street, be graded, paved with 5-inch concrete base with a paint top wearing surface consisting of asphalt and rock screenings; that cement concrete curbs with galvanized

steel curb bar, cement concrete sidewalks, culverts of corrugated iron and concrete, with concrete wing walls and portals, and parkings with redwood curbs, be constructed thereon.

FRESNO, Fresno Co., Cal.—Thompson Bros., 1514 "H" street, Fresno, have been awarded the contract at $15,490 for constructing artificial stone sidewalks, cement concrete curbs, and grading and oiling, corrugated iron culverts, etc., on Madison avenue, from Fresno avenue to North Ninth street.

OAKLAND, Cal.—The City Council has awarded a contract to J. Catucci, 1230 18th street, Oakland, for the following work:

That a vitrified-pipe sewer, having an internal diameter of 8 inches, be constructed along the center line, and its production, of Wilbur street from Whittle avenue to a point 155 feet SE therefrom, measured along said center line, and its production, of Wilbur street; also

That the following structures be built on said sewer, to-wit: a brick manhole; a vitrified-pipe lamphole, and enough vitrified pipe "Y" branches, having 5 inch openings, to provide one such branch for each 40 foot lot, and fractional lot remaining, into which the abutting property frontage is capable of being divided.

SAN FRANCISCO, Cal.—The Federal Construction Co., Sharon Bldg., has been awarded the contract by the Board of Public Works for the improvement of Beaver street between Castro and 25th streets, by grading; resetting existing granite curbs; constructing an 8-inch vitrified, salt-glazed, ironstone pipe sewer with 18 Y branches and 2 brick manholes; a brick drop manhole; concrete curbs and of artificial stone sidewalks; a vitrified brick pavement; and an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the remainder of the roadway. The contract price is $15,323.

SACRAMENTO, Cal.—The City Commissioners have awarded contracts for street improvements as follows to Heafy & Tobin of Sacramento:

That Second avenue in Boxler Tract, be improved, by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer in the sidewalk space between the concrete walk and curb on the N side of Second avenue from a point 344 feet W from the W line of Freeport Blvd to a point 20 feet E from the W line of Freeport Blvd.; etc., also

That Freeport Blvd. be improved, by excavating a trench and constructing therein . a 6-inch vitrified ironstone pipe sewer on a line parallel to and 20 feet E from the W line of Freeport Blvd., from a point 6 feet S from the N line of Second avenue produced E to a point 10 feet N from the S line of Lot No. 4 in Block 2, Boxler Tract, produced E; placing 7 6-inch vitrified ironstone wye branches on 8-inch pipe sewer; placing 3 6-inch vitrified ironstone wye branches on 6-inch pipe sewer; constructing 2 concrete manholes complete, and backfilling the trenches.

That San Jose Way, be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the manhole in place on Fifth avenue to a point 118 feetS from the S line of Fourth avenue, etc.; excavating a trench and constructing therein a 6-inch vitrified ironstone pipe sewer; constructing 1 concrete manhole; placing 16 6-inch vitrified ironstone wye branches on 8-inch pipe sewer; placing 4 6-inch vitrified ironstone wye branches on 6-inch pipe sewer and backfilling the trench.

That the easements in H. J. Goethe Co. Subdivision "G," be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the sewer in place in the NW corner of Lot No. 4405, and thence S through the 3 foot easement and right of way on the W side of Lots 4405, 4406, 4407, 4408 and 4409 to a point 2 feet N of the S line of Lot 4409, etc.; constructing a 6-in. vitrified ironstone pipe sewer;1 concrete manhole complete; placing 7 6-inch vitrified ironstone wye branches on 8-inch sewer; placing 3 6-inch vitrified ironstone wye branches on 6-inch sewer, and backfilling the trench.

That the easement in the block bet. Third and Fourth avenues and bet. Fortieth street and Forty-second St., be improved, by excavating a trench and constructing therein a 6 and 8-inch vitrified ironstone pipe sewer; constructing 2 concrete manholes complete with cast iron curbs and covers; placing 25 6-inch vitrified ironstone wye branches on 8-inch sewer; placing 6 6-inch vitrified ironstone wye branches on 6-inch sewer, and backfilling the trenches.

The following work was awarded to F. E. Frey 2526 "Q," St., Sacramento:

That the alley bet. Discovery Way and Forty-ninth street, Elmhurst, be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the manhole in place in the alley first N of "T" street to the manhole in place on "R" street; constructing 1 concrete manhole complete; placing 22 6-inch vitrified ironstone wye branches on 8-inch sewer and backfilling the trench.

That the alley bet. Sacramento Blvd. and Thirty-ninth street be improved from 5th Ave. to 7th Ave. by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer; constructing one concrete manhole complete; placing 17 6-inch vitrified ironstone wye branches on 8-inch vitrified ironstone pipe sewer, and backfilling the trench.

That the alley bet. Thirty-ninth street and La Solidad Way be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from the manhole in place on Fifth avenue to the N line of Seventh avenue; constructing 1 concrete manhole; placing 14 6-inch vitrified ironstone wye branches on 8-inch pipe sewer and backfilling the trench.

CHEHALIS, Wash.—The following contracts for road work have been awarded by the County Commissioners:

Permanent Highway No. 2-D, 8,675 lin. ft. of one-course concrete road, 16 feet near Forest—To Jarvis & Burkheimer, Liberty Bldg., Seattle, at $23,517.

Permanent Highway No 6, 5,280 lin. ft. of one-course concrete, road 16 ft. near Centralia—To Hendricks & Ward of Centralia at $13,400.

Improvement No. 200, 5,280 lin ft. of one-course concrete road, 8 ft. wide to Albers & Son, Chehalis, Wash., at $8,500.

STORES AND OFFICES.

SAN FRANCISCO—Wholesale building, 5 story and base, reinforced concrete, $125,000. Architect, none. Owner, Blanch Thayer Heath. Location, southwest First and Jessie streets, covering an area of 76 by 155 feet. Has been leased to one concern. Construction will be carried out by H. P. Hoyt Co., Monadnock Bldg.

SAN FRANCISCO—Store alteration, 2 story, frame. Cost not stated. Architect, Henry Shermund, Mills Bldg., S. F. Owner, George Kammerer, leased to Dessells Pharmacy. Location, Ninth and Irwin streets. Work will include interior and exterior work, new store fronts, electric wiring, plumbing and marble work. Plans are complete and figures being taken.

OAKLAND, CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, none. Owner, G. F. Quigley, 1421 Broadway, Oakland. Location, northwest Seventh and Clay streets, covering an area of 50 by 75 feet. Will contain two stores. Plans complete and segregated figures being taken by owner.

FRESNO, FRESNO CO., CAL. — Stores, 1 story and base, brick. Cost not stated. Architect, H. B. Hotchkin, Rowell Bldg., Fresno. Owner, L. M. Athenour. Location, Fresno and G streets, covering an area of 50 by 65 feet. Plans complete and figures being taken. .

LONG BEACH, LOS ANGELES CO., CAL.—Store and office completion. Class A construction, $300,000. Architect's name not given. Markwell Bros. have incorporated the Markwell Fireproof Building Co. for the purpose of financing and completing the Class A store and office building at the foot of Pine avenue, Long Beach. The building is to be a six-story structure and will contain a theatre to seat 1200 people, cafeteria, about 60 shops and stores, and 96 offices. It is expected that arrangements can be made to resume work in 60 days.

PHOENIX, ARIZ.—Stores and offices, 4 story and base. Class A construction, reinforced concrete, $150,000. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Dwight B. Heard. Will occupy a corner site, covering an area of 70 by 146 feet and contain a number of stores on the first floor besides a total of 117 offices. Plans are being prepared.

SAN FRANCISCO—Store and offices, 2 story and base. Class C construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner's name not given. Location, west Sansome between Pine and California, covering an area of 46½ by 120 feet. Plans complete and figures being taken.

SAN FRANCISCO—Office and factory, 4 story and base, reinforced concrete or mill construction. Cost not stated. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Hills Bros. Co. Location, southeast Howard and Fremont streets, covering an area of 137½ by 137½ feet. Will contain the offices of the company,

factory and warehouse. Plans are being prepared.

SAN FRANCISCO Office heating and electric work. Cost not stated. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, Mrs. Wheeler, leased to Northwestern Pacific R. R. Co. Location, Pine and Front streets. Bids are now being taken for the steam heating, oil burning system, electric wiring, sheet metal work and plastering.. .

SAN FRANCISCO—Stores, 1 story, frame. Cost not stated. Architect, Alfred Henry Jacobs, 110 Sutter St., S. F. Owner, Morris Fox. Location, southeast Ninth avenue and Irving. Will contain two stores. Plans are being prepared.

SAN FRANCISCO—Stores and offices, 3 story and base, reinforced concrete, $30,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, John Farish. Location, south O'Farrell, 55 east Mason, covering an area of 25 by 120 feet. Will contain store on the first floor and a number of theatrical offices above. Construction has been changed from brick to reinforced concrete. New plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL.—Mercantile building, 4 story and base, reinforced concrete. Cost not stated. Architect, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, J. J. Hagarty. Contractor, William C. Crowell, Chamber of Commerce Bldg., L. A. Contract price not stated..

MANTECA, SAN JOAQUIN CO., CAL.—Office building and cottages, 1, 1 story frame and 8, 1 story frame, $25,000 and $9,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Spreckels Sugar Co. Contractor, Thomas Lewis, San Joaquin street, Stockton. Contract price, $25,000 and $9,000.

THEATRES.

LODI, SAN JOAQUIN CO., CAL.—Theatre and store, 1 story and base, brick, $22,900. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owners, Lodi Investment Co. Location, School street. Will contain stores and a theatre. Plans are being prepared.

FRESNO, FRESNO CO., CAL. — Theatre, 3 story and base, reinforced concrete, $100,000. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Einstein Investment Co. Location, Van Ness avenue adjoining Rowell Building. Will have a seating capacity of 1900 people. Plans to be completed within two weeks. Bids for excavating now being taken.

LOS ANGELES, CAL.—Theatre and stores, 1 story and base. Class A construction, $100,000. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, Shirley Ward. Location, east Grand avenue north of Seventh street, covering an area of 76 by 167 feet. Plans are complete and figures being taken.

Contract Awarded.

LOS ANGELES, CAL.—Theatre, 1 story and base, brick. Cost not stated. Architect, Charles F. Durr, 259 West Sixth stret, San Pedro. Owner, F. A. Grant. Contractors, Lilly-Fletcher Co., Investment Bldg., L. A. Contract price not stated.

SEALED PROPOSALS.

GOVERNMENT BIDS WANTED.

CIRCULAR NO. 277 Sealed proposals will be received at office of General Purchasing Agent, Alaskan Engineering Commission, Seattle, Wash., not later than 11 A. M., May 7, 1917, for furnishing engine, lathe and motor, lathe tools, induction motor, plows, hand and push cars, bolt cutter and parts, locust pins, boiler and pump drills, stand hammer, speeders, molding and core sand, steel wire casting brushes. Copies of circular may be obtained at this office: Alaskan Engineering Commission, 514 Kohl Bldg., San Francisco, Cal., and Alaskan Engineering Commission, Washington, D. C. C. E. DOLE, General Purchasing Agent.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on May 28, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Yolo County, at Davis (III-Yol-6-A), an undergrade crossing with the Southern Pacific Railroad, including substructure for subway and about 1200 feet of Portland cement concrete pavement.

Solano County, between Batavia and Putah Creek (III-Sol-7-D), about 8½ miles in length to be paved with Portland cement concrete.

Santa Barbara County, between Zaca Station and Los Alamos (V-S.B-2-C), about 9 miles in length to be paved with Portland cement concrete.

Tulare County, between ¼ mile west of Visalia and Tulare (VI-Tul-1-C), about 9 miles in length to be paved with Portland cement concrete.

Ventura County, between Santa Clara River and Ventura (VII-Ven-2-C), about 4 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contracts, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN
HENRY J. WIDENMANN
California Highway Commission
AUSTIN B. FLETCHER,
Highway Engineer
WILSON R. ELLIS,
Secretary

Dated April 24, 1917.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on outside of sealed envelope "Proposals for Laundry Building, Including Equipment, Laguna Sanatorium, Laguna, N. Mex," and addressed to the "Commissioner of Indian Affairs, Washington, D. C." will be received at the Indian office until 2 o'clock p. m. May 17, 1917, for furnishing material and labor for the construction of a laundry building, including equipment, in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at the United States Indian warehouses at Chicago, Ill., and San Francisco, Cal., and the Builders' Exchange, St. Paul, Minn., and at the office of the superintendent of the Pueblo day schools, Albuquerque, N. Mex. CATO SELLS, commissioner.

PROPOSALS FOR BRIDGE.

BRIDGE Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in the office of the collector of customs at Nogales, Ariz., at **3 p. m. May 10, 1917,** for the construction of a United States bridge on the customs reservation at Nogales, Ariz. Drawings and specifications may be obtained from the collector of customs at Nogales, Ariz., or at this office, in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR HEATING.

HEATING — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. May 18, 1917,** for repairs to heating system, etc., in the United States post office at Pueblo, Colo., in accordance with drawing and specifications, copies of which may be had at this office or at the office of the custodian at Pueblo, Colo., in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR HEATING.

HEATING, PLUMBING, ETC. — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. May 18, 1917,** for repairs to heating, plumbing, conduit and wiring, lighting fixtures, etc., in the U. S. court house, etc., at Santa Fe, N. M., in accordance with the drawing and specification, copies of which may be had at this office or at the office of the custodian at Santa Fe, N. M., in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on May 14, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Siskiyou County, three reinforced concrete bridges, across Little Castle Creek, Greenhorn Creek, and Yreka Creek (II-Sis-3-A & B), being respectively 84 feet long, 60 feet long, and 42 feet long.

Solano County, between the westerly boundary and Cordelia (III-Sol-8-A) ... miles in length, to be paved with Portland cement concrete.

Alameda County, between Santa Rita and Dublin (IV-Ala-5-B), about 3.2 miles in length, to be paved with Portland cement concrete.

Santa Barbara County, between Las Crucas and Gaviota Pass (V-S.B-2-E), about 2.9 miles in length, to be graded.

Los Angeles County, between Castaic and Castaic School (VII-L.A-4-A), about 4.1 miles in length, to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fre... Angeles.

No bid will be re...ed unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated: April 17, 1917.

RUSSIAN FIRM CONSIDERING THE ESTABLISHMENT OF A FACTORY IN THE UNITED STATES.

We are in receipt of the following from R. B. Freeman & Co. of 90 Wall St., New York, to which our readers' attention is carefully directed:

TO THE EDITOR,

Dear Sir:—We are writing to ask your help and advice. We have had some correspondence with a firm in Russia that own plants now devoted to the Government's service.

They want to start another plant and put up the building themselves according to the plans of an American firm that would contract to furnish and install complete equipment for the manufacture of lead sheets ½ to 6 millimeter thickness and also lead pipes of all sizes, lead seals and lead wire.

They want a modern plant with American machinery. They would like to receive a general outline of what could and would be done, the approximate time before work could be started after placing the order, the approximate time before completion, the approximate price and how payment should be made. Specific plans to be agreed upon later.

We know there are firms in this country that would be interested in this and other propositions that we have and we feel that you can give us more help because of the position you hold than anyone else we can approach. We will appreciate anything you can do for us.

Yours very truly,
R. B. FREEMAN & CO.

ITEMS OF INTEREST.

NEVADA CITY, Nevada Co., Cal.—The first work toward a new hospital was commenced recently when County Engineer Joseph O'Connor drove his stakes preparatory to making a survey and contour map for the architect. It is the intention of the Supervisors to build the hospital in units. Work on the first unit will start early next year.

REDDING, Shasta Co., Cal.—The Northern California Counties' Association reports surveying crews are at work in Trinity County on the Weaverville lateral and in Lassen County on the Susanville lateral. Work will be begun on the main highway between Redding and Dunsmuir as soon as the rights of way have been secured.

Grading on the highway between Weed and Yreka will probably be begun as money is available. A surveying crew will be placed on the Pit River within the next ten or fifteen days, provided the men can be secured. The road may be built up the canyon instead of over the mountain, if the extra money can be secured.

WOODLAND, Yolo Co., Cal.—H. Goodin of Woodland has patented a multiple driven auto truck, equipped with an armored body, constructed of sheet and structural steel, which ought to make a formidable war machine.

ALTURAS, Modoc Co., Cal.—Twenty-two carloads of steel rails and ties have been brought here by the Nevada-California-Oregon Railway for its "Y" to the Fitzgerald Tract, donated to the company by the citizens of Alturas.

VALLEJO, Solano Co., Cal.—Announcement has been made by the Vallejo Land and Improvement Company that it has sold sixty-five acres to the Terminal Ship Building Company of San Francisco on the water front between Vallejo and South Vallejo for the establishment of a ship yard.

The San Francisco builders will construct four ways and will begin the building of wooden freight ships within forty days. Ships up to 15,000-ton capacity will be launched.

LODI, San Joaquin Co., Cal.—M. L. Goreman will open a factory here in the near future in which he will manufacture home gas plants. He will make machines under a new invention recently patented by George Williamson of Petaluma. The plant is operated by a water pressure and gas is manufactured from gasoline under a cold process and is claimed to be made at a cost of 65 cents per 1000 feet. The generator is a small machine and only occupied a space of 15 inches square of floor space. The inventor claims the machine cannot be exploded under the cold process of gas making.

GRASS VALEY, Nevada Co., Cal.—The Grass Valley Hotel Corporation, which is about to build a $75,000 hostelry, will spend $3,500 for a piece of land 50 by 100 feet to add to its lawn. The City Trustees have voted to accept the company's offer of that sum for the firehouse and jail property on West Main street, and the deal was closed.

OROVILLE, Butte Co., Cal.—That the Great Western Power Company means business in regard to the construction of a $6,000,000 power plant here, was evidenced when R. S. Kitrict deeded to the company 160 acres of land in the Morris Ravine.

The land is to be a right-of-way for the proposed canal. The canal will be built from one mile south of Las Plumas to the power plant which is to be built two miles northeast of here on the banks of the Feather River.

AMERICAN HARDWARE GAINING GROUND IN AUSTRALIA.

Commercial Attache Philip B. Kennedy, at Melbourne, has informed the Bureau of Foreign and Domestic Commerce that American manufacturers of hardware are receiving excellent orders from Australia, including such staple lines as screws. Several large importers have recently told the attache that they are very much interested in placing orders in the United States and that they have been able to give good business to American concerns that previously had done very little in Australia. Besides placing orders, Australian firms are particularly interested in taking up the question of obtaining American agencies. The present would, therefore, seem to be an opportune time for American manufacturers to pay special attention to the Australian market.

In this connection it should be mentioned that the Bureau of Foreign and Domestic Commerce published in the fall of 1916 a monograph on "Australian Markets for American Hardware," which covered in a detailed and comprehensive manner all phases of the hardware situation in the Commonwealth. In the course of the investigation 587 samples were purchased, representing articles commonly used in Australia and obtained from other than American sources. There are now on exhibition at the commercial museum maintained by the Bureau at the United States Customhouse in New York City. The book containing the report of the investigators has 105 pages and is sold for 10 cents by the Superintendent of Documents, Government Printing Office, Washington, D. C., and by the district offices of the Bureau.

The Beverly Hills Utilities Company, which serves electricity to Beverly Hills, Los Angeles County, has filed with the Railroad Commission an application for authority to sell to the Southern California Edison Company the electric system and franchise to do business in Beverly Hills of the Beverly Hills company for $23,347.70. The Southern California Company has already applied to the commission for authority to purchase the system.

ADVANCE CONSTRUCTION NEWS.

Classified According to Location

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, $25,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Anna Hladik. Location, northeast Broadway and Jones streets, covering an area of 60 by 77½ feet. Will contain 21 apartments of three and four rooms. Plans complete and bids to be called for shortly.

RESIDENCE—1 story and base, frame, $4,000. San Francisco. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Thomas Scoble, 5443 Geary street, S. F. Location, east 4th avenue south Cabrillo. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, brick, $30,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Dr. Geo. D. Cooper. Location, Pacific avenue east Steiner. Will contain fourteen rooms, several baths and sleeping porch, separate garage. Plans complete and figures being taken... .

RESIDENCES—4, 2 story and base, frame, $5,000 to $8,000. San Francisco. Architect, none. Owner, C. S. Allred, 150 Onondago avenue, S. F. Location, 22nd and 23rd avenues near Fulton. These houses will contain from seven to nine rooms with two baths and basement garages. Plans are complete and work will be done by Day Labor.

RESIDENCES—4, 1 story and base, frame, $2,000 each. San Francisco. Architect, Alexander Neil, 4221 Moraga avenue, S. F. Owners, Neil Bros. Location, south Goethe west San Jose avenue. Each house will contain five rooms and bath. Plans are complete and work will be done by Day Labor.

RESIDENCE—2 story and base, frame, $2,000. San Francisco. Architect, none. Owner, C. E. Reinhart, 27th and Kansas. Location, northeast 19th and Lamson Lane. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

WHOLESALE BUILDING—5 story and base, reinforced concrete, $125,000. San Francisco. Architect, none. Owner, Blanch Thayer Heath. Location, southwest First and Jessie Sts., covering an area of 76 by 155 feet. Has been leased to one concern. Construction will be carried out by H. P. Hoyt Co., Monadnock Bldg.

STORE ALTERATION — 2 story, frame. Cost not stated. San Francisco. Architect, Henry Shermund, Mills Bldg., S. F. Owner, George Kammerer, leased to Dessells Pharmacy. Location, ninth and Irwin streets. Work will include interior and exterior work, new store fronts, electric wiring, plumbing and marble and tile work. Plans are complete and figures being taken.

RESIDENCES—3, 2 story and base, frame, $2,000 each. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, George C. Wagner. Location, south Sunnyside west Congo. Each house will contain five rooms and baath. Plans complete and work to be done by Day Labor.

RESIDENCE—1 story and base, frame, $2,000. San Francisco. Architect, none. Owner, Victor Holmgren. Location, northeast Naples and Munich. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, southwest Washington and Leavenworth, covering an area of 30 by 120 feet. Will contain twelve apartments of three rooms and bath. Plans complete and segregated figures being taken.

PIER AND WHARF—Timber piles and concrete, $181,558 and $60,680. San Francisco. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. A complete list of the bids opened by the State Board of Harbor Commissioners for constructing the Islais Creek Wharf and for reconstructing Pier No. 46 will be found under the heading of Bids Opened in this issue.

SHOP BUILDING—2 story, frame, $2,500. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, George Wolters. Location, north Clementina west First, covering an area of 25 by 76 feet. Plans complete and work will be done by Day Labor.

FACTORY—2 story, frame, $3,000. San Francisco. Architect, B. F. Baddeley, 1507 Folsom street, S. F. Owners, Reed Pickle Works. Location, 1507 Folsom street, covering an area of 36 by 75 feet. Plans complete and work to be done by Day Labor..

WAREHOUSE—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Union Iron Works. Location, 20th and Illinois streets. Steel work has been awarded to the Western Iron Works and figures are being taken on the balance of the work.

FLATS—2 story and base, frame, $4,000. San Francisco. Architect, none. Owner, John J. Binet, 68 Ramona avenue, S. F. Location, west Linda south 18th stret, covering an area of 25 by 51 feet. Will contain two flats of five rooms and bath. Plans complete and work to be done by Day Labor.

GARAGE—1 and 2 story, reinforced concrete. Cost not stated. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Location, California street, covering an area of 40 by 120 feet. Plans being prepared.

HOSPITAL WARDS—2, 3 story and base, reinforced concrete. Cost not stated. San Francisco. Engineer, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Location, Presidio of San Francisco. These will be erected at the Letterman General Hospital and will be similar in construction to J ward erected last year. Plans are being prepared.

HOSPITAL KITCHEN EQUIPMENT Cost not stated. San Francisco. Architect, none. Owners, City and County of San Francisco. Bids will be opened on May 9th for furnishing the kitchen equipment for the southwest wing of the San Francisco Hospital.

STORE AND OFFICES—2 story and base. Class C construction. Cost not stated. San Francisco. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner's name not given. Location, west Sansome between Pine and California, covering an area of 46½ by 120 feet. Plans complete and figures being taken.

OFFICE AND FACTORY—4 story and base, reinforced concrete or mill construction. Cost not stated. San Francisco. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Hills Bros. Co. Location, southeast Howard and Fremont streets, covering an area of 137½ by 137½ feet. Will contain the offices of the company, factory and warehouse. Plans are being prepared.

OFFICE HEATING AND ELECTRIC WORK—Cost not stated. San Francisco. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, Mrs. Wheeler, leased to Northwestern Pacific R. R. Co. Location, Pine and Front streets. Bids are now being taken for the steam heating, oil burning system, electric wiring, sheet metal work and plastering.

STORES—1 story, frame. Cost not stated. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter street, S. F. Owner, Morris Fox. Location, southeast Ninth avenue and Irving. Will contain two stores. Plans are being prepared. .

STORES AND OFFICES—3 story and base, reinforced concrete, $30,000. San Francisco. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, John Farish. Location, south O'Farrell 55 east Mason, covering an area of 25 by 120 feet. Will contain store on the first floor and a number of theatrical offices above. Construction has been changed from brick to reinforced concrete. New plans are being prepared.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1109	Hardet	Mueller	500
1110	Mathis	Mathis	450
1111	Myers	Britt	17000
1112	Croley	S F Mill	7000
1113	Crittenden	Keneally	2000
1114	Emmons	Little	6500
1115	Ennis	Nelson	4750
1116	Lakeside	Garden	1700
1117	Dubost	Hansbrough	2000
1118	Godeau	Heal	35000

1119	O'Connor	Nat'l Elec	2500
1120	Duffee	Rench	3000
1121	Federspiel	Biller	900
1122	Scoble	Scoble	1000
1123	Fazio	Amoroso	500
1124	Selig	Simmen	600
1125	Trowbridge	Grahn	1800
1126	Standard Oil	Owner	900
1127	Lincoln Rlty	Wright	1000
1128	Reinhart	Reinhart	2000
1129	Bologna	De Luca	1400
1130	Weissbein	Dunn	1600
1131	Pritchard	Meyer	1800
1132	West Invst	Owner	700
1133	Shadburn	Delaney	500
1134	Brugge	Rixen	2500
1135	Lincoln	Giusti	2000
1136	Martin	Martin	800
1137	Welding	Sergurson	500
1138	Binet	Binet	3800
1139	Neil Bros	Neil Bros	1700
1140	Same	Same	1700
1141	Same	Same	1700
1142	Same	Same	1700
1143	Lagan	Lauchere	4385
1144	Himmelmann	Chenoweth	1775
1145	Depaoli	Ferreiros	5000
1146	Mallon	Trifiletti	400
1147	St. Francis Rlty.	Forderer	450
1148	Aimo	Martin	780
1149	Beard	Wise	900
1150	Meyer	Munster	900
1151	Peck	Kern	600
1152	Rosenberg	Rosenberg	500
1153	Gervergia	Mitchell	1300
1154	King	Barrett	11135
1155	Meyer	Duncan	12082
1156	Wilson	Sterner	3500
1157	Holmgren	Holmgren	2000
1158	Hooker	Phoenix	550
1159	Poulmin	Jensen	400
1160	Macauley	Macauley	600
1161	Bitzer	Skerl	800
1162	Richards	Sharman	1000
1163	Yoell	Yoell	500
1164	Woodward	Erwin	1500
1165	Cal Packing	Owner	850
1166	Wagner	Wagner	1950
1167	Wagner	Wagner	1950
1168	Wagner	Wagner	1950
1169	O'Connor	Dresser	525
1170	Steinhart	Hannah	25418
1171	Merchants Ex.	Walker	900
1172	Parsons	Fulton	800
1173	Episcopal Ch.	Owner	3000
1174	Cahill	Cahill	1200
1175	S F Invst.	Monson	50000
1176	Myers	Britt	18000
1177	Paganini	Paganini	6000
1178	Lapham	Sturges	2480
1179	O'Connor	Peirano	980
1180	Clarke	Fennell	6873
1181	Reis Estate	Reis	9500
1182	Union Iron.	Wstr'n Irn	10980
1183	Richards	Sharman	1650

GARAGE

(1109) NO. 51 SCOTT. Garage in basement.

Owner.....Mrs. Harder, 31 Scott, San Francisco.
Architect .....None.
Contractor....C. F. Muller, 84 28th, San Francisco.
COST, $500

FRAME DWELLING

(1110) N EXETER 75 E Salinas. One-story and basement frame dwlg.

Owner..... George Mathis, 1915 Grant Ave., S. F.
Architect .....None.
Day's work. COST, $450

BRICK SALESROOM

(1111) N PINE 55 E Franklin. Two-story brick auto salesroom and shop

Owner L. A. Meyers, Foxcroft Bldg., San Francisco.
Architect Heiman & Schwartz, 242 Stockton, San Francisco.
Contractor. O. W. Britt, 330 Ivy, S. F.
COST, $17,000

CONCRETE FOUNDATIONS

(1112) EIGHTH bet. Southern Pacific and Western Pacific Railroads. Place reinforced concrete foundations in building for setting machinery, pits, bins, etc., erect storage bins for food for poultry products plant.

Owner.....Geo. H. Coley Co., Inc., 8th and Bluxome, S. F.
Architect .....None.
Contractor....S. F. Mill Furnishing Co., 521 7th, San Francisco.
COST, $7000

ALTERATIONS

(1113) NO. 1265 EIGHTEENTH AVE. Raise and add 2 rooms, lobby and garage to flats.

Owner.....W. C. Crittenden, 617 Clunie Bldg., S. F.
Architeca .....O. R. Thayer, 240 Montgomery, San Francisco.
Day's work. COST, $2000

(1114) NW GEARY AND BAKER. Three-story and basement frame (2) FRAME FLATS flats.

Owner.....J. E. Emmons, 110 Sutter, San Francisco.
Architect .....Rousseau & Rousseau, 110 Sutter, San Francisco.
Contractor....Wm. Little, 664 10th avenue, S. F.
COST, $6900

FRAME FLATS

(1115) E EIGHTH AVE 250 S Geary. Two-story and basement frame (2) flats.

Owner.....P. Ennis, 1501 Larkin, San Francisco.
Architect .....None.
Contractor....O. E. Nelson, 1215 Monterey Ave., Berkeley.
COST, $4750

FOUNDATIONS

(1116) RANCHO LAGUNA de la Merced. Concrete foundation for future club house.

Owner.....Lakeside Golf Club, 1st National Bank Bldg., S. F.
Architect .....John Reid Jr., 1st National Bank Bldg., S. F.
Contractor....Frank M. Garden, 251 Kearny, San Francisco.
COST, $1700

FRAME APARTMENTS

(1117) SW HAMPTON PLACE 100 SE Folsom. Two-story and basement frame (4) apartments.

Owner.....A. Dubost, Cr. Contractor.
Architect .....None.
Contractor....Geo. W. Hansbrough, Denver House, 3rd, S. F.
COST, $2000

CLASS "C" LOFTS

(1118) SW MISSION AND JULIA. Four-story and basement Class "C" lofts.

Owner.....Julius S. Godeau, 150 Halleck, San Francisco.
Architect .....None.
Contractor....James H. Hjul, Mechanics Inst. Bldg., S. F.
COST, $33,000

WIRING

(1119) NE BRODERICK and Pine N 137 6 E 110 S 27-6 W 55 S 110 W 55. All work for electric light wiring, telephone bells, etc., three-story and basement frame apartments.

Owner.....R. O'Connor, Ross, Cal.
Superintendent....J. C. Bateman, Balboa Bldg., S. F.
Contractor....National Electric Co.
Filed Apr. 23, '17. Dated Apr. 4, '17.
When roughed in and all plastering work done, wiring and conduits run, etc.....$1000
Completed and accepted 875
Usual 35 days 625
TOTAL COST, $2500
Bond, Sureties, none. Forfeit, $20. Limit 12 days from April 14. Plans and specifications filed.

FRAME RESIDENCE

(1120) W EIGHTH AVE 198-4 N Lawton. Two-story and basement frame residence.

Owner.....Alpheus Duffee, 685 Dolores, San Francisco.
Architect .....None.
Contractor....M. C. Rench, 1427 5th Ave., San Francisco.
COST, $3000

ALTERATIONS

(1121) SW NINETEENTH AND MINnesota. Alter warehouse.

Owner.....E. Federspiel Co., Prem.
Architect .....None.
Contractor....John Biller, 460 Montgomery, San Francisco.
COST, $900

FRAME DWELLING

(1122) E FOURTH AVE 93-4 S Cabrillo. One-story and basement frame dwelling.

Owner.....Thos. Scoble, 5443 Geary, San Francisco.
Architect .....E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $4000

ALTERATIONS

(1123) NO. 17 SONOMA. Cut lightwell.

Owner.....P. Fazio, Premises.
Architect .....None.
Contractor....F. C. Amoroso, 1246 Kearny, San Francisco.
COST, $500

ALTERATIONS

(1124) NO 878 MARKET. Alter store

Owner.....Selig & Dreyfus, 32 Powell, San Francisco.
Architect .....None.
Contractor....John Simmen Co., 64 Rausch, San Francisco.
COST, $600

FRAME DWELLING

(1125) W TWENTY-SECOND AVE 150 N Ulloa. One-story and basement frame dwelling.

Owner.....F. Trowbridge, 44 Shotwell, San Francisco.
Architect .....None.
Contractor....Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $1800

SUPPLY STATION

(1126) NE STANYAN AND BEULAH One-story steel supply station.

Owner.....Standard Oil Co., 200 Bush, San Francisco.
Architect .....None.
Day's work. COST, $900

ALTERATIONS
(1127) SE MARKET AND FIFTH. Plaster partitions.
Owner Lincoln Realty Co., Mills Bldg., San Francisco.
Architect ... None.
Contractor. Wright & Kohn, 127 Montgomery, S. F.
COST, $1000

FRAME DWELLING
(1128) NE NINETEENTH & LAMSON Lane. Two-story and basement frame dwelling.
Owner.....C. E. Reinhart, 17th and Kansas, San Francisco.
Architect .....None.
Day's work. COST, $2000

FRAME DWELLING
(1129) E TAYLOR 65 S Jefferson 30x50.. Moving two-story frame building from No. 10 Roach and concrete foundation, basement floor, underpinning, rustic, repair porches, new doors, windows, connect sewer and water.
Owner.....L. Bologna, 10 Roach, San Francisco.
Architect .....None.
Contractor....R. De Luca, 2256 Jones, San Francisco.
Filed Apr. 24, '17. Dated Apr. 21, '17.
Foundation completed and house on site $800
Completed and accepted..... 600
TOTAL COST, $1400
Bond, none. Limit, 40 days. Forfeit, plans and specifications, none.
Note: First report April 21, 1917.

FRAME DWELLING
(1130) E THIRTY-SIXTH AVE 210 N Cabrillo. One-story and basement frame dwelling.
Owner.....Jacob Weissbein, 206 Hobart Bldg., S. F.
Architect .....None.
Contractor....Ernest E. Dunn, 329 23rd Ave., San Francisco.
COST, $1600

FRAME DWELLING
(1131) S SEVILLE 120 W Cordova. One-story and basement frame dwlg.
Owner.....P. Pritchard, 125 Seville, San Francisco.
Architect .....E. J. Spencer, 537 25th, San Francisco.
Contractor....Geo. Meyer, 56 De Long, San Francisco.
COST, $1800

ALTERATIONS
(1132) NO. 228 HALE. Raise and alter dwelling.
Owner.....West Investment Co., 2754 Howard, San Francisco.
Architect .....None.
Day's work. COST, $700

ALTERATIONS
(1133) NO. 851 ASHBURY. Alter stairs, etc., for private garage.
Owner..... Chas. D. Shadburn, 531 18th Ave., San Francisco.
Architect .....None..
Contractor....Delaney & Gutteridge, 619½ Clayton, S. F.
COST, $500

FRAME DWELLING
(1134) E TWENTY-FOURTH AVE 125 N Clement. One-story and basement frame dwelling.
Owner.....Edward G. Brugge, 2249 Clement, San Francisco.
Architect J. A. Ettler, 604 Mission, San Francisco.
Contractor James Rixen, Daly City.
COST, $2500

ALTERATIONS
(1135) SE MARKET AND FIFTH. Erect new partitions (plaster, glass, etc).
Owner.....Lincoln Realty Co., Mills Bldg., San Francisco.
Architect .....None.
Contractor....S. A. Giusti, 617 Sansome, San Francisco.
COST, $2000

ALTERATIONS
(1136) NO. 834 MARKET. Alter store.
Owner.....Martin Investment Co., 1st National Bank Bldg., San Francisco.
Architect .....None.
Day's work. COST, $800

ALTERATIONS
(1137) NO. 884 FOLSOM. Alter shop
Owner.....Great Western Welding Co., Premises.
Architect .....None.
Contractor....Geo. M. Sergurson, 308 Guerrero, San Francisco.
COST, $500

FRAME FLATS
(1138) W LINDA 126-5 S 18th. Two-story and basement frame (2) flats.
Owner.....John J. Binet Co., 68 Ramona Ave., San Francisco
Architect .....None.
Day's work. COST, $3850

FRAME DWELLING
(1139) S GOETHE 350 W San Jose Ave. One-story and basement frame dwelling.
Owner.....Neil Bros., 4221 Moraga, San Francisco.
Plans & Spec. by .....Alexander Neil, 4221 Moraga, S. F.
Day's work. COST, $1700

FRAME DWELLING
(1140) S GOETHE 462-6 W San Jose Ave. One-story and basement frame dwelling.
Owner.....Neil Bros., 4221 Moraga, San Francisco.
Plans & Spec. by .....Alexander Neil, 4221 Moraga, S. F.
Day's work. COST, $1700

FRAME DWELLING
(1141) S GOETHE 425 W San Jose Ave. One-story and basement frame dwelling.
Owner.....Neil Bros., 4221 Moraga, San Francisco.
Plans & Spec. by .....Alexander Neil, 4221 Moraga, S. F.
Day's work. COST, $1700

FRAME DWELLING
(1142) S GOETHE 387-6 W San Jose Ave. One-story and basement frame dwelling.
Owner ..... Neil Bros., 4221 Moraga, San Francisco.
Plans & Spec. by .....Alexander Neil, 4221 Moraga, S. F.
Day's work. COST, $1700

CLASS "C" GARAGE
(1143) W HOWARD 50 N 17th N 50 x125. All work for one-story Class "C" garage building.
Owner Daniel and John Lagan, 3220 17th, S. F.
Architect None.
Contractor P. Lauchere and J. B. Bourdieu, 804 Potrero Ave San Francisco.
Filed Apr. 25, '17. Dated Apr.. 11, '17.
Ready for roof $1085
Roof on 1100
Accepted 1100
Usual 35 days..... 1100
TOTAL COST, $4385
Bond, $2192.50. Sureties, J. Collin and R. Lassalle. Limit, 40 days after Apr. 23. Forfeit, none. Plans and specifications filed.

INTERIOR WORK
(1144) NO. 41 OCTAVIA. Interior painting and decorating (owner to furnish wall paper) for dwelling.
Owner.....Andrew D. Himmelmann.
Architect ....None.
Contractor....F. Byron Chenoweth, 101 Park Hill Ave., S. F.
Filed Apr. 25, '17. Dated Apr. 24, '17.
Weekly payments of. ..... 75[illegible]
On completion .....Balance
TOTAL COST, $1775
Bond, none. Limit, 40 days. Forfeit, $5. Specifications only filed.

FRAME COTTAGES
(1145) NE PERU AND MADRID; NE Peru 25 SE Madrid; NE Peru 50 SE Madrid and NE Peru 75 SE Madrid; Lots 25x100. All work for four frame cottages.
Owner.....Louis Depaoli, 3289 Mission, San Francisco.
Architect .....None.
Contractor....Lorenzo Ferreiros.
Filed Apr. 25, '17. Dated Apr. 24, '17.
Roof frames up & roofs on.....$1250
Buildings enclosed and 1st coat plaster on..... 1250
Completed and accepted..... 1250
Ucual 35 days..... 1250
TOTAL COST, $5000
Bond, limit, forfeit, none. Plans and specifications filed.
Note: First report April 21..

ALTERATIONS
(146) NO. 2790 TWENTY-FOURTH. Alter and repair store.
Owner.....T. C. Mallon, Premises.
Architect .....None.
Contractor....C. Trifiletti, 2218 Mission, San Francisco.
COST, $400

MARQUEE
(1147) NO. 432 GEARY. Galvanized iron and steel marquee.
Owner.....St. Francis Realty Co.
Architect ....None.
Contractor....Forderer Cornice Works, 269 Potrero Ave., S. F.
COST, $450

ALTERATIONS
(1148) NO. 2034 THIRD. Move and alter.
Owner.....S. Aimo, Premises.
Architect .....None.
Contractor....L. Martini, 407 Green, San Francisco.
COST, $780

ALTERATIONS
(1149) NO. 550 THIRTY-FOURTH Ave. Alter dwelling.
Owner Mattie Beard [illegible] ment, San Francisco
Architect .....None.

Contractor I. E. Wise, 3032 Clement, San Francisco.
COST, $900

ALTERATIONS
(1150) NO. 647 LYON. Alterations.
Owner.....Martin Meyer, 1510 Divisadero, San Francisco.
Architect .....None.
Contractor....Munster & Bornholdt, 1530 Broderick, S. F.
COST, $900

ALTERATIONS
(1151) SW MISSION AND SECOND. Extend balcony.
Owner.....Peck & Hill, Premises.
Architect .....None.
Contractor....L. A. Kern, 3646 17th, San Francisco.
COST, $600

FRAME GARAGE
(1152) NO. 175 COMMONWEALTH Ave. One-story frame garage.
Owner.....I. Rosenberg, Premises.
Architect .....None.
Day's work. COST, $500

FRAME DWELLING
(1153) E APOLLO 100 N Williams. One-story and basement frame dwlg.
Owner.....Michael Gervergia, 320 Williams, San Francisco.
Architect .....H. D. Mitchell, 628 Montgomery, San Francisco.
Day's work. COST, $1300

STORES AND LOFTS
(1154) N SUTTER 26-9 E Stockton 30 N 49-6 W 30 S 49-6. All work for two-story Class C —— stores and lofts.
Owner.....Charles A. King.
Architect.....Smith O'Brien, Humboldt Bank Bldg., S. F.
Contractor....Barrett & Hilp, 424 Sharon Bldg., S. F.
Filed Apr. 26, '17. Dated Apr. 26, '17.
First of each month 75%
sual 35 days 25%
TOTAL COST, $11,135
Bond, $3,568. Sureties, Jas. F. Smith and R. B. Knox. Forfeit, none. Limit, Aug. 15, 1917. Plans and specifications filed.

STORES AND LOFTS
(1155) NE SUTTER and Stockton — 26-9 N 49-6 W 26-9 S 49-6. All work for two-story Class C stores and lofts.
Owner.....J. Henry Meyer & Co., 440 Montgomery, S. F.
Architect.....Smith O'Brien, Humboldt Bank Bldg., S. F.
Contractor....W. C. Duncan & Co., Sharon Bldg., S. F.
Filed Apr. 26, '17. Dated Apr. 24, '17.
First of each month 75%
Usual 35 days 25%
TOTAL COST, $12,082
Bon,d $6,041. Sureties, Platt Kent and W. W. Thurston. Forfeit, $20. Limit, Aug. 15, 1917. Plans and specifications filed.

FRAME RESIDENCE
(1156) W NINETEENTH AVE 151 S Judah S 25xW 120. All work for two-story frame residence.
Owner.....Nellie Valentine Wilson.
Architect .....C. M. Cook.
Contractor....S. J. Sterner, 374 6th Ave., San Francisco.
Filed Apr. 26, '17. Dated Apr. 23, '17.
Frame up $875
Brown coated 875
Completed and accepted..... 875
Usual 35 days 875
TOTAL COST, $3500
Bond, $1750. Sureties, C. D. Lieb and Chas. M. Olson. Limit, 75 days. Forfeit, $5. Plans and specifications filed.

FRAME DWELLING
(1157) NE NAPLES AND MUNICH. One-story and basement frame dwelling.
Owner.....Victor Holmgren.
Architect .....None.
Day's work. COST, $2000

SIDEWALK LIGHTS
(1158) SW MARKET AND FIRST. Install sidewalk lights.
Owner.....Hooker & Lent, 503 Market, San Francisco.
Architect .....None.
Contractor....Phoenix Sidewalk Light Co., 472 Monadnock Bldg., San Francisco.
COST, $550

ALTERATIONS
(1159) NO. 504 MERCHANT. Alter store.
Owner.....Alice Larkin Poulmin, Cr. B. P. Oliver, Inc., 246 Montgomery, S. F.
Architect .....None.
Contractor....G. P. W. Jensen, 320 Market, San Francisco.
COST, $400

EXIT
(1160) NO. 949 MARKET. Install exit.
Owner.....Frank Macauley, 1201 8th Ave., San Francisco.
Architect .....None.
Day's work. COST, $600

ALTERATIONS
(1161) NO. 72 BARTLETT. Concrete floor and alter for garage.
Owner.....Margaret Bitzer, 347 San Carlos, San Francisco.
Architect .....None.
Contractor....Louis Skerl, 347 San Carlos, San Francisco.
COST, $800

FRAME DWELLING
(1162) SW PALOU AND LANE. One story and basement frame dwlg.
Owner.....Louis A. Richards, 1514 Palou, San Francisco.
Architect .....None.
Contractor....T. L. Sharman & Son, 1440 Shafter Ave., S. F.
COST, $1000

ADDITION
(1163) NO. 820 ANZA. Add 3 rooms.
Owner.....H. E. Yoell, Premises.
Architect .....None.
Day's work. COST, $500

ALTERATIONS
(1164) NO. 2526 BROADWAY. Alter flats.
Owner.....H. R. Woodward.
Architect .....None.
Contractor....F. O. Erwin, 80 Market San Francisco.
COST, $1500

ALTERATIONS
(1165) NE FRANCISCO & TAYLOR. Alter factory.
Owner.....California Packing Corp., 120 Market, S. F.
Engineer Philip L. Bush, 120 Market, San Francisco.
Day's work. COST, $850

FRAME DWELLING
(1166) S SUNNYSIDE 175 W Congo. Two-story and basement frame dwlg
Owner.....Geo. C. H. Wagner, 1856 Ellis, San Francisco.
Architect .....J. C. Hladik, Monadnock Bldg., San Francisco.
Day's work. COST, $1950

FRAME DWELLING
(1167) S SUNNYSIDE 150 W Congo. Two-story and basement frame dwlg
Owner.....Geo. C. H. Wagner, 1856 Ellis, San Francisco.
Architect .....J. C. Hladik, Monadnock Bldg., San Francisco.
Day's work. COST, $1950

FRAME DWELLING
(1168) S SUNNYSIDE 125 W Congo. Two-story and basement frame dwlg
Owner.....Geo. C. H. Wagner, 1856 Ellis, San Francisco.
Architect .....J. C. Hladik, Monadnock Bldg., San Francisco.
Day's work. COST, $1950

APARTMENTS
(1169) NE BRODERICK AND PINE N 137-6 E 110 S 27-6 W 55 S 110 W 55. Patent chimneys for three-story and basement frame apartments.
Owner.....R. O'Connor, Ross, Cal.
Supt. .....J. C. Bateman, Balboa Bldg., San Francisco.
Contractor....Dresser-McDonnell & Co., 34 Isis, S. F.
Filed Apr. 27, '17. Dated Apr. 24, '17.
Completed and accepted.....$393.25
Usual 35 days..... 131.75
TOTAL COST, $525.00
Bond, none. Limit, 10 days after ready for patent chimney. Forfeit, $20. Specifications only filed.

SALESROOM
(1170) W VAN NESS AVE 60 S California S 60xW 134. All work for two-story, basement and mezzanine brick auto salesroom and shop except elevator platform and machinery.
Owner.....Ignatz Steinhart, Sutter and Sansome, S. F.
Architect.....M. J. Lyon Company, 404 Lick Bldg., S. F.
Superintendent....C. C. McDougall, 723 Devisadero, S. F.
Contractor....J. D. Hannah, Chronicle Bldg., S. F.
Filed Apr. 27, '17. Dated Apr. 27, '17.
Foundation walls in place.....$2500
Brick, cast iron and steel ready for 2nd story joists..... 4000
Brick walls ready for rafters and roof trusses in place..... 2700
Fire walls, roof and skylight and brick work completed.... 2700
Pine floors, rough plumbing and electric work done..... 2700
Completed and accepted 4318
Usual 35 days 6500
TOTAL COST, $25,418
Bond, $19,100. Sureties, G. W. Cushing and J. S. Hannah. Forfeit, none. Limit, 90 days. Plans and specifications filed.

EXTEND FOUNDATION
(1171) E MONTGOMERY 137-6 S California. Extend foundation.
Owner Merchants' Exchange Bldg., Premises.

Architect None.
Contractor....P. J. Walker Co., Monadnock Bldg., S. F.
COST, $900

ALTERATIONS
(1172) E BEALE 137-6 N Mission. Erect partitions, etc. .
Owner.....S. S. Parsons, Cr. Architect.
Architect .....Wright & Rushforth, 354 Pine, San Francisco.
Contractor....G. M. Fulton Co., 301 Front, San Francisco.
COST, $800

ALTERATIONS
(1173) SW ELEVENTH AVE AND Irving. Alter church and Sunday School.
Owner.....The Bishop of Episcopal Church of the Diocese of California and the Vestry of the Church of the Incarnation.
Architect .....None.
Day's work. COST, $3000

FRAME RESIDENCE
(1174) E LYON 67 N Jackson. Two-story and basement frame residence.
Owner.....John R. Cahill, 110 Sutter San Francisco.
Architect .....John H. Powers, 460 Montgomery, S. F.
Day's work. COST, $12,000
NOTE:—First floor joists up.

BRICK BUILDING
(1175) NW BEALE AND MISSION. Five-story and basement brick commercial building.
Owner.....S. F. Investment Co., Cr. Architect.
Architect .....D. C. Coleman, Room 504 Clunie Bldg., S. F.
Contractor....Monson Bros., 110 Jessie, San Francisco.
COST, $50,000

BRICK BUILDING
(1176) N PINE 95 E Franklin. Two-story brick manufacturing (battery) building.
Owner.....L. A. Myers, 68 Post, S. F.
Architect .....Heiman & Schwartz, 217 Stockton, San Francisco.
Contractor....O. W. Britt, 330 Ivy Ave., San Francisco.
COST, $18,000
NOTE:—Job nearly completed.

FRAME STORES
(1177) SW STOCKTON AND LOMbard. Three-story and basement frame stores and (2) flats.
Owner.....Paganini Bros., Premises.
Architect .....L. Traverso, 854 Union, San Francisco. .
Day's work. MOST, $6000

FRAMES RESIDENCE
(1178) E FIFTEENTH AVE 150 S Geary. Two-story and basement frame residence.
Owner.....Edw. .N. Lapham, 4th Ave and Geary, S. F.
Architect .....J. H. Von Ahnden, 251 Kearny, San Francisco.
Contractor....Benj. Sturges, 3931 Geary San Francisco.
COST, $2480

FRAME APARTMENTS
(1179) NE BRODERICK & PINE N 137-6 E 110 S 27-6 W 55 S 110 W 55. Stair work for three-story and basement frame apartments.
Owner R. O'Connor, Ross, Cal.
Supt. .....J. C. Bateman, Balboa Bldg., San Francisco.
Contractor....L. S. Petrano, 60 13th, San Francisco.
Filed Apr. 28, '17. Dated Apr. 27, '17.
Roughing in is performed to all stairs $400
Completed and accepted..... 330
Usual 35 days..... 250
TOTAL COST, $980
Bond, none. Limit, 12 days from May 1. Forfeit, $20. Specifications only filed. .

ALTERATIONS
(1180) LOT 2 Presidio Terrace. All work for alterations and additions to three-story frame residence.
Owner.....Mrs. Philomen Clarke, Presidio Terrace, S. F.
Architect .....Edw. E. Young, 251 Kearny, San Francisco.
Contractor....Jas. Fennell, 180 Jessie, San Francisco.
Filed Apr. 28, '17. Dated Apr. 28, '17.
Brick work up to 2d floor level.$2577
Completed and accepted..... 2577
Usual 35 days..... 1719
TOTAL COST, $6873
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME STORES
(1181) NW TWENTIETH & THIRD W 100xN 80. All work for frame (4 stores).
Owner.....Reis Est Co., Merchants' Exchange Bldg., S. F.
Architect .....Earl B. Scott, Humboldt Bank Bldg., S. F.
Contractor....J. B. Reis.
Filed Apr. 28, '17. Dated Apr. 27, '17.
Frame up and roof on.....$2375
Brown coated and plumbing roughed in 2375
Completed and accepted..... 2375
Usual 35 days..... 2375
TOTAL COST, $9500
Bond, $4750. Surety, Globe Indemnity Co.. Limit, 75 days from recording. Forfeit, $8. Bonus $8 per day. Plans and specifications filed.

STEEL WORK
(1182) NE TWENTIETH & ILLINOIS Fabrication of steel, cast iron bases, riveting (owner to furnish structural steel cut to length and fittings, etc.) for four-story and basement steel frame and reinforced concrete warehouse.
Owner.....Union Iron Works Co., Care Architect.
Architect .....Frederick H. Meyer, Bankers' Invst Bldg. S. F.
Contractor....Western Iron Works, 141 Beale, San Francisco.
Filed Apr. 28, '17. Dated Apr. 19, '17.
As work delivered..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,980
Bond, $5490. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days after receiving material. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
(1183) W PALOU AVE AND LANE NW 25xSW 100. All work for one-story and basement frame dwlg.
Owner.....Louis A. Richards, 1514 Palou Ave.. San Francisco
Architect .....None.
Contractor ..... Shafter Ave., S. F.
Filed Apr. 28, '17. Dated Apr. 21, '17.
Foundation and frame completed $412.50
Brown coated 412.50
Completed and accepted 412.50
Usual 35 days 412.50
TOTAL COST, $1650.00
Bond, $825. Sureties, Leon J. Hermittl and J. E. Donoghue. Limit, 50 days. Forfeit, none. Plans and specifications filed.

LEASE.

San Francisco County.

Apr. 23, 1917 - N VALLEJO bet. Webster and Buchanan No. 2130 Vallejo. Anita Berthau to Russel C Slade. 2 years. $100 with option to renew.
Apr. 27, 1917 —PTN WHITNEY BLDG. S Geary bet. Stockton and Grant Ave. The Whitney Estate Co to Prussia Co. 10 years. $522,580.
Apr. 24, 1917—NOS. 1755-1757 POLK SW Cor. Washington. Geo A Connolly extr Estate Anna McMann, dec'd to A B Chapman, assigned July 3, 1916, to Louis F Wagenknecht, consent to assign by Geo. A Connolly.

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
Apr. 21, 1917—E FORTIETH AVE 130 S Clement S 30xE 120. Martin and Hans Nelson to whom it may concern.....April 21, 1917
Apr. 24, 1917—E SILVER AVE 100 S Maynard 30.066x93.666 ptn lot 13, blk 4, College Homestead. Jim Piovesan or Giacomo Piovesan to L. C. Smith .....April 21, 1917
Apr. 24, 1917—W SCOTT 217 N Post W 87-6 S 29-6 W 50 S 25-6 E 137-6 N 55. Mount Zion Hospital to Barrett & Hilp.....April 23, 1917
Apr. 25, 1917—N BROADWAY 125 W Broderick N 137-6 S 137-6 E 55. Julia de L Welch to Floodberg & McCaffery.....April 23, 1917
Apr. 25, 1917—W SECOND AVE 200 S Cornwall S 25xW 120. Carl Larson to whom it may concern.....April 24, 1917
Apr. 25, 1917—S RIVERA 60 E 22nd Ave. N F Nilsson to E M Nilsson .....April 15, 1917
Apr. 25, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to Standard Elec Con Co....Apr. 23, '17
Apr. 24, 1917—SW LOCUST AND Washington — 45 S 100 E 45 N 100. John A Buck Jr to P A Palmer..... .....April 16, 1917
Apr. 25, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de L Welch to Floodberg & McCaffery .....April 23, 1917
Apr. 26, 1917—E TENTH AVE 150 N Clement N 50xE 120. Phillip Kohn to J Koschnitski.....April 24, 1917
Apr. 26, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to D Zelinsky & Sons..... .....April 25, 1917
Apr. 26, 1917—E FRONT 50 feet frontage thence N 87-6x136-5⅜. Hastings Trust Est. W C Watson, Tr to D J & T Sullivan, Tr .....April 19, 1917

Apr. 26, 1917—[illegible] CLARA AND Grant Ave E 100 S 80 m or 1 SW 33 m or 1 W 75 m or 1 N 100. Bankers Investment Co to California Steel Co Apr. 18, 1917

Apr. 26, 1917—SW STEVENSON and Ecker. Chas. E. Green to W. T. Commary April 23, 1917

Apr. 26, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Julia de L Welch to Frederick W Snook Co April 26, 1917

Apr 26, 1917—LOT 5 BLK 3199 Westwood Park. John W Carrell to Alexander O Brown.....Apr. 25, 1917

Apr. 27, 1917—E KEARNY 116-8 S Union 25x103-6. F Amoroso to F Amoroso April 26, 1917

Apr. 27, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to W D Creighton .....April 26, 1917

Apr. 27 1917—E THIRTY-EIGHTH Ave 30 S Irving S 60xE 90. San Francisco Home Bldg Co to Emil Nelson April 24, 1917

Apr. 27, 1917—NW ANZA AND 16TH Ave N 25xW 100. Thomas Hamill to whom it may concern..Apr. 20, '17

LIENS FILED

San Francisco County.

RECORDED AMOUNT

Apr. 18, 1917—COLUMBUS AVE & Montgomery. Donald Mowat vs Fugazi Banca Popolare Operaia Italiano $3478

Apr. 21, 1917—W SEVENTEENTH Ave 120 S California S 25xW 120. Collonan Electrical & Mfg Co vs S F Bldg Co and Wm Larsen....$66.35

Apr. 26, 1917—N SEA CLIFF AVE and W 27th avenue which point is 6 deg 28 min W 6.66 from stone monument in 27th Ave at W end of Sea Cliff Ave, th from said starting point N 3 deg 23 min W 175.64 to tide water of Pacific Ocean the following tide water line S 59 deg 45 min E 30.48 N 69 deg 45 min E 40.55 th leaving tide water S 3 deg 23 min E 167.-06 S 83 deg 32 min W 64..29 to beg lot 76 and lands adj on W sub 1, Sea Cliff. Mangrum & Otter. Inc $50; W. P. Fuller & Co., $275.12; Paraffine Paint Co., $49 vs. Mary E. Doble & Frank M. Garden.....

Apr. 27, 1917—N SEA CLIFF AVE and W 27th Ave which pt is 6 deg 28 min W 6.66 from stone monument in 27th Ave at W end of Sea Cliff Ave N 3 deg 23 min 175.64 to tide water of Pacific Ocean th S 59 deg 45 min E 30.48 N 69 deg 45 min E 40.55 th leaving tide water S 3 deg 23 min E 167.06 S 83 deg 32 min W 64.29 Lot 76 and lands adjacent on W sub No. 1 Sea Cliff. C C Morehouse, $617.50; Joost Bros $40.46 vs Mary E Doble and Frank M Garden.....

Apr. 27, 1917—LOCATION SAME AS above. Turner Co vs Mary E Doble, Leo J Devlin and Frank M Garden $350

Apr. 27, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Bay Development Co vs Floodberg & McCaffery & Julia De L Welch..$203.91

Apr. 27, 1917—NO. 190 SEA CLIFF Ave. Olson-Mahony Lumber Co vs Frank M Garden and Mary E Doble $71.96

Apr. 24, 1917—E FORTY-FIRST AV 325 N Judah (J) N 25xE120. Leonard Lumber Co. vs. W. M. and Louisa J. Phillips.....$290.40

Apr. 25, 1917— LOT 76 SUB NO. 1 Sea Cliff. Crane Co vs Mary E Doble and Frank F Garden $28.23

Apr. 25, 1917—N SEA CLIFF AVE and W 27th Ave which pt is N 6 deg 28 min W 6.66 from stone monument on W 27th Ave situate at West End of Sea Cliff Ave th frm said pt of beg N 3 deg 23 min W 175.64 to tide water of Pacific Ocean th following line of tide water S 69 deg 45 min E 30.48 N 69 deg 45 min E 40.55 th leaving tide water S 3 deg 23 min E 167.06 th along N Sea Cliff Ave S 83 deg 32 min W 64.29 to beg being Lot 76 and lands adj thereon W of sub No. 1 Sea Cliff. John A Roebling Sons Co of California vs Mary Doble and Frank M Garden, $22.31 Globe Elec Works vs Same.....$57.80

Apr. 25, 1917—NE PAGE AND Stanyan N 25 S 25 W 100. Vermont Marble Co vs H Schulz and Fred Weismann $140

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base, frame, $15,000. Piedmont, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner's name withheld. Will contain twelve rooms, several baths and sleeping porches. Separate garage. Plans are being revised.

RESIDENCE—2 story and base, frame, $7,500. Berkeley, Alameda Co., Cal. Architect, William C. Hayes, First National Bank Bldg., S. F. Owner, E. A. Blockinger. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans are being prepared.

RESIDENCE—2 story and base, frame, $10,000. Oakland, Cal. Architect, Charles C. McCall, Central Bank Bldg., Oakland. Owner, Mr. Carter. Location, Monte Cresto and Kingston. Will contain twelve rooms, three baths and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCE—2 story and base, frame, $4,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, Alfred Cords. 1540 San Pablo avenue, Oakland. Location, lot 34, Nova Piedmont. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

STORES—1 story and base, brick. Cost not stated. Oakland, Cal. Architect, none. Owner, G. F. Quigley, 1421 Broadway, Oakland.. Location, northwest Seventh and Clay streets, covering an area of 50 by 75 feet. Will contain two stores. Plans complete and segregated figures being taken.

RESIDENCE—1 story and base, frame, $2,000. Oakland, Cal. Architect, none. Owner, S. Carleton, 2023 69th avenue, Oakland. Location, south Weld east 69th avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

APARTMENT HOUSE—1½ story and base, frame, $75,000. Oakland, Cal. Architect, Walter H. Judson, Albany Block, Oakland. Owner, Henry J. Lees. Location, Brookside Manor. Will contain a total of 37 apartments of three, four and five rooms. Garage facilities on the premises. Plans complete and figures being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, East 15th street and Third avenue. Will contain a total of 18 apartments of two and three rooms. Plans complete and figures being taken.

BANK—1 story and base. Class C construction, $30,000. Alameda, Alameda Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Alameda Savings Bank. Location, southeast Webster street and Santa Clara avenue. Will contain a large public room, offices and vault. Safe deposit boxes. Plans complete and figures being taken.

CHURCH—2 story and base, frame, $16,000. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owners, Northbrae Presbyterian Church. Location, Northbrae. Will contain a main auditorium, Sunday school rooms and social hall. Plans are being prepared.

SCHOOL TOILET SYSTEM — Cost not stated. Oakland, Cal. Architect, none. Owners, City of Oakland. Bids will be opened on May 7th at 5 p. m. for installing a new toilet system in the Lafayette School, located at 18th and West streets. Plans can be secured from the Secretary of the Board of Education, City Hall.

RESIDENCE—2 story and base, frame, $1,500. Oakland, Cal. Architect, none. Owner, J. J. Crowe, 4400 East 14th street, Oakland. Location, east 44th avenue north East 14th St. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $3,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, Horsewell & Horsewell. Location, Harvard and Portsmouth Roads. Will contain seven rooms, bath and sleeping porch. Plans are complete and work to be done by Day Labor.

RESIDENCE—2 story and base, frame, $3,500. Oakland, Cal. Architect, none. Owner, H. S. Pratt, 1015 Glendora avenue, Oakland. Location, north Fairbanks avenue east Crofton. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

RESIDENCES—16, 1 story and base, frame, $30,000. Alameda, Alameda Co., Cal. Architect, N. P. Reynolds, 703 Haight avenue, Alameda. Owner, Miss Alfreda Wright. Location, Central avenue running through to the beach. Each dweling will contain three or four rooms. Plans complete and figures being taken.

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
816	Hirsch	Irvine	7793
819	Bohn	Barker	600
820	Blasbalg	Owner	900
821	Cerelli	Charleston	100

822	Same	Same	100
823	Piedmont	Rich	6740
824	Cords	Cords	1500
825	Braund	Strang	4000
826	Medden	Medden	800
832	Paraffine	Clinton	84900
834	Carleton	Carleton	1800
835	Farrell	Read	1500
836	Same	Same	1500
833	Union Hide	Sockolov	7500
837	Horsewell	Horsewell	3250
838	Blanchard	Stewart	5000
839	Crowe	Crowe	1200
840	Am Express	Leiter	1000
841	Rowe	Rowe	750
842	Same	Same	750
843	Jessen	Garden	400
844	Coradona	Koch	500
845	Pratt	Pratt	3590
846	Du Poet	St. Mary	1500
848	Becker	Jones	1200
849	Renehart	Scott	2300
850	Mather	La Raviere	400
851	Ansell	Blake	1500
852	Pinkham	Pinkham	500
853	Rutherford	Owner	2000
854	Same	Same	2000
855	Same	Same	2000
856	Balmar	Brewin	900
857	Young	Pedgrift	900
858	Quigley	MacGregor	5000

GARAGE AND FLAT
(816) IRVINGTON. All work for one and 2 story garage and flat.
Owner.....O. N. Hirsch, Centerville.
Architect.....H. A. Minton, 244 Kearny street, S. F.
Contractor....Robert Irvine, Irvington, Cal.
Filed Apr. 23, '17. Dated Apr. 18, '17.
Rough frame up ¼
Plastered ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, $7,793
Bond, $3,896.50. Sureties, D. A. Robinson and E. A. Grau. Forfeit, none. Limit, July 1. Plans and specifications filed.

ALTERATIONS
(819) NO. 1631 FORTY-FIRST AVE., Oakland. Alterations and additions.
Owner.....R. E. Bohn, Premises.
Architect .....None.
Contractor....L. E. Barker, 1187 Ninth, Alameda.
COST, $600

ADDITION
(820) NO. 717 CASTRO, Oakland. Addition.
Owner.....A. Blasbalg, Premises.
Architect .....None.
Day's work. COST, $900

ALTERATIONS
(821) NO. 718 FOURTH, Oakland. Alterations.
Owner.....P. Cerelli, 119 Clay, Okd.
Architect .....None.
Contractor....C. E. Charleston, 5627 Genoa, Oakland.
COST, $400

ALTERATIONS
(822) NO. 714 FOURTH, Oakland. Alterations.
Owner.....P. Cerelli, 119 Clay, Okd.
Architect .....None.
Contractor....C. E. Charleston, 5627 Genoa, Oakland.
COST, $400

ALTERATION AND ADDITION
(823) S VISTA AVE 130 E Bonita Ave NE 95 SE 156.32 W on curve to left 96.75 NW 171.29, Piedmont. All work for alteration and addition to fire house except heating and shades.
Owner City of Piedmont.
Architect.....None.
Contractor....James L. Rich and B. F. Woolley, 4208 Lusk, Oakland.
Filed Apr. 24, '17. Dated Apr. 23, '17.
First of each month 75%
Usual 35 days 25%
TOTAL COST, $6,740
Bond, $3,370. Sureties, National Surety Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

FRAME RESIDENCE
(824) LOT 24 Nova Piedmont, Piedmont. Two-story 8-room frame residence and garage.
Owner.....Alfred Cords 1540 San Pablo Ave., Oakland.
Architect .....None.
Day's work. COST, $4500

FRAME RESIDENCE
(825) LOT 17 BLK "E" Lakeview Park, Piedmont. Two-story frame residence and garage.
Owner.....Mrs. Harriet Braund.
Architect .....None.
Contractor....F. N. Strang, 805 Pacific Ave.., Alameda.
COST, $4000

DWELLING
(826) S HUDSON 150 W Manila Ave., Oakland. One-story 3-room dwlg.
Owner.....M. E. Medden, 315 Hudson, Oakland.
Architect .....None.
Day's work. COST, $800

ALTERATIONS
(827) NO. 1716 CHESTNUT, Oakland Alter two-story flats.
Owner.....Max Silverstein, 640 11th, Oakland.
Architect .....None.
Contractor....L. T. Cook, 543 30th, Oakland.
COST, $1800

BUILDINGS, ETC.
(832) EMERYVILLE. All work for four buildings and a bridge and driving piles except roofing, electric work, heating and elevators.
Owner.....Paraffine Paint Co., 34 First, San Francisco.
Architect.....Leland S. Rosener, Ins. Ex. Bldg., S. F.
Contractor....Clinton Construction Co., 140 Townsend, S. F.
Filed Apr. 24, '17. Dated Apr. 24,' 17.
50 per cent completed.....$21,225
75 per cent completed..... 21,225
Completed and accepted..... 21,225
Uspal 35 days 21,225
TOTAL COST, $84,900
Bond, $42,500. Sureties, Massachusetts Bonding and Insurance Co. Forfeit, $100 and $100 bonus. Limit, 100 days. Plans and specifications filed.

BRICK FACTORY
(833) SE THIRD AND HARRISON, Oakland. Two-story brick factory.
Owner.....Union Hide Co., 215 Webster, Oakland.
Architect .....None.
Contractor....J. Sockolov, 2558 Clay, San Francisco.
COST, $7500

DWELLING
(834) S WELD 250 E 69th Ave., Oakland. One-story 5-room dwelling.
Owner.....S. Carleton, 2023 69th Ave. Oakland
Architect .....None.
Day's work. COST, $1800

DWELLING
(835) NE-TWENTY THIRD 70 E 23d Ave., Oakland. One-story 5-room dwelling.
Owner.....F. Milton Farrell, 504 17th, Oakland.
Architect .....None..
Contractor....A. L. Read, 505 18th, Okd.
COST, $1500

DWELLING
(836) NE-TWENTY-THIRD 40 E 23d Ave., Oakland. One-story 5-room dwelling.
Owner.....F. Milton Farrell, 504 17th Oakland.
Architect .....None.
Contractor....A. L. Read, 505 18th, Okd.
COST, $1500

FRAME DWELLING
(837) LOT 1 BLK "B" Lakewood Park, Piedmont. Two-story frame dwelling.
Owner.....Horsewell & Horeswell, Premises.
Architect .....None.
Day's work. COST, $3250

FRAME BUNGALOW
(838) FAIRVIEW AVE LOT 89, Nova Piedmont , Piedmont. One-story frame bungalow.
Owner.....C. E. Blanchard, 830 56th, Oakland.
Architect .....None.
Contractor....B. A. Stewart, 8 Fairview Ave., Piedmont.
COST, $5000

DWELLING
(839) E FORTY-FOURTH AVE 100 N E-14th, Oakland. Two-story 5-room dwelling.
Owner.....J. J. Crowe, 4400 E-14th, Oakland.
Architect .....None.
Day's work. COST, $1200

ALTERATIONS
(840) NO. 400 FOURTEENTH, Oakland. Alterations.
Owner.....American Express Co., Premises.
Architect .....None.
Contractor....E. T. Leiter, Dalziel Bldg., Oakland.
COST, $1000

(841) S SYCAMORE 360 E San Pablo Ave., Oakland. One-story four-room dwelling.
Owner.....R. D. Rowe, 1603 Market, Oakland.
Architect .....None.
Day's work. COST, $750

DWELLING
(842) S SYCAMORE 400 E San Pablo Ave., Oakland. One-story four-room dwelling.
Owner.....R. D. Rowe, 1603 Market, Oakland.
Architect .....None.
Day's work. COST, $750

ALTERATIONS
(843) NO. 1632 THIRTY-SECOND, Oakland. Alterations.

Owner John Jensen Premises.
Architect None
Contractor Jas Garden, 1321 Adeline, Oakland.
COST, $400

ALTERATIONS
(844) NO. 2428 ABBEY, Oakland. Alterations and additions.
Owner P Coradona, 830 Filbert, Oakland.
Architect None.
Contractor Birkland & Koch, 811 53d Oakland.
COST, $500

DWELLING
(845) N FAIRBANKS 650 E Crofton Ave., Oakland. Two-story 7-room dwelling.
Owner.....H. S. Pratt, 1015 Glendora Ave., Oakland.
Architect .....None.
Day's work. COST, $3500

DWELLING
(846) N DANTE 200 W 106th Ave., Oakland. One-story 4-room dwlg.
Owner.....Leo Du Poet.
Architect .....None.
Contractor....Joe St. Mary, 2220 Auseon Oakland.
COST, $1500

(848) S FORTY-SEVENTH ST 200 W Adeline St., Emeryville. All work for one-story frame dwelling.
Owner.....Fred Becker, 1230 Park Ave., Emeryville..
Architect.....None..
Contractor....S. W. Jones, 5829 Park Ave., Oakland.
Filed Apr. 27, '17. Dated Apr. 18, '17.
Frame up ¼
Brown coated ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, $1200
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and specifications filed.

(849) E FIFTH AVE 120 N E-14th, Oakland.. Two-story 6-room dwlg.
Owner.....Miss A. Renehart, 1452 5th Ave., San Francisco.
Architect .....None.
Contractor....G. A. Scott, 685 23rd, Okd.
COST, $2300

ADDITION
(850) NE MAYBELLE AVE AND Bayo, Oakland.. Addition.
Owner.....H. E. Mather, 6506 Wheeler, Oakland.
Architect .....None.
Contractor....La Reviere & Crosby, 3761 Allendale Ave., Okd.
COST, $400

ALTERATIONS
(851) NO. 6308 ACACIA AVE., Oakland. Alterations and addition to two-story dwelling.
Owner.....P. L. Ansell, Thomson Bldg., Oakland.
Architect .....None.
Contractor....Blake Bros., Oakland Bk. of Savings Bldg., Oakland
COST, $1500

DWELLING
(852) W WAVERLY 50 S 24th, Oakland. One-story 3-room dwell.ng.
Owner.....G. A. Pinkham, 2353 Waverly, Oakland
Architect .....None.
Day's work. COST, $500

DWELLING
(853) S AILEEN 272 E Gaskill, Oakland. One-story 5-room dwelling.
Owner.....Thomas Rutherford, 985 35th, Oakland.
Architect .....A. .W. Smith, 1010 Broadway, Oakland.
Day's work. COST, $2000

DWELLING
(854) S AILEEN 239 E Gaskill, Oakland. One-story 5-room dwelling.
Owner.....Thomas Rutherford, 985 35th, Oakland.
Architect .....A. .W. Smith, 1010 Broadway, Oakland.
Day's work. COST, $2000

DWELLING
(855) S AILEEN 206 E Gaskill, Oakland. One-story 5-room dwelling.
Owner.....Thomas Rutherford, 985 35th, Oakland.
Architect .....A. .W. Smith, 1010 Broadway, Oakland.
Day's work. COST, $2000

REPAIRS
(856) NO. 1167 EIGHTH, Oakland. Fire repairs.
Owner.....F. H. Balmar, Premises.
Architect .....None.
Contractor....O. Brewin, 729 Center, Oakland.
COST, $900

REPAIRS
(857) NOS. 521-23 FOURTH, Oakland Fire repairs.
Owner.....R. S. Young, Premises.
Architect .....None.
Contractor....J. H. Pedgrift, 565 16th, Oakland.
COST, $900

(858) NW SEVENTH AND CLAY, Oakland. One-story brick stores.
Owner.....G. F. Quigley, 1421 Broadway, Oakland.
Architect .....None.
Contractor....J. R. MacGregor, 731 60th Oakland.
COST, $5000

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
817	Allison	Allison	100
818	Buckingham	Blethroad	400
827	Silverstein	Cook	1800
847	Paine	Paine	600

DWELLING
(817) W BONAR 36 S Channing, Berkeley. One-story 4-room dwelling.
Owner.....C. H. Allison, 34 Brookside, Berkeley.
Architect .....None.
Day's work. COST, $1000

REPAIRS
(818) NO. 1945 HASTE, Berkeley. Repairs.
Owner.....Mrs. Hugh Buckingham, Vacaville, Cal.
Architect .....None.
Contractor....B. T. Blethroad, 1732 Milvia, Berkeley.
COST, $400

ALTERATIONS
(828) NO. 2638 COLLEGE AVE., Berkeley. Alterations and repairs.
Owner .St. John's Church, Prem.
Architect .....None.
Contractor. J. W. Buskirk, 3215 35th Ave.., Oakland.
COST, $600

STUDIO
(847) NO. 94 PANORAMIC WAY, Berkeley. One-story studio.
Owner.....Robert Paine, 2111 Virginia, Berkeley.
Architect .....None.
Day's work. COST, $600

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
828	St. John's	Buskirk	600
829	Kitterman	Smith	1800
830	Same	Suell	400
831	Ives	Ives	600

DWELLING
(829) NO. 852 CEDAR, Alameda. One story 5-room dwelling.
Owner.....J. Kitterman, 855 Cedar, Alameda.
Architect .....None.
Contractor....C. M. Smith, 3406 35th Ave., Oakland.
COST, $1800

ALTERATIONS
(830) NO. 2142½ CLINTON AVE., Alameda.. Alterations.
Owner.....J. Kitterman, 855 Cedar, Alameda.
Architect .....None.
Contractor....D. J. Suell, 2525 Adeline, Alameda.
COST, $400

ALTERATIONS
(831) NO. 728 HAIGHT AVE., Alameda. Alterations.
Owner.....Wm. T. Ives, Premises.
Architect .....None.
Day's work. COST, $600

NOTICE OF NON-RESPONSIBILITY.

Alameda County.

Apr. 25, 1917—N MERRIMAC 562 E Telegraph Ave SE 120 N 110 E 63 N 35 W 183 S 145, Okd. Harriet S Maxson as to improvements on leased property .....

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED

Apr. 20, 1917—W CHESTNUT ST 130 S 24th St, Oakland. Crystal Laundry Co., Inc., by James W. Plachek to Connor & Connor.....April 16, 1917

Apr. 20, 1917—W CHESTNUT ST, 130 S 24th St., Oakland. Crystal Laundry Co., Inc., by James W. Plachek to H. E. Frankes.....April 16, 1917

Apr. 20, 1917—LOT 13, PLEASANton Homestead. Pleasanton. Spring Valley Water Co. to C. A. Bruce .....April 1, 1917

Apr. 20, 1917—LOT 37 and Ptn lot 38, Map Lakewood Park, Oakland and Piedmont. W. E. Stiles to C. M. Blabon .....April 19, 1917

Apr. 20, 1917—NE CAVOUR ST 243 SE Lawton Ave, NE 226-8 from pt beg NE 10xSE 100, Oakland. Louis Balasek to A. N. Rowe.....April 10, 1917

Apr. 21, 1917—NW RANSOM AVE 50 SW Santa Rita SW 35 NW 108 NE 35 SE to pt beg, Okd. Ole Koten to whom it may concern Apr 20, '17

Apr. 21, 1917—PTN LOT 6 Map W. G. Henshaw's Subdivision Lots at 24th and Bay Place, Okd. Archie Edwards to whom it may concern ..... April 19, 1917

Apr. 23, 1917—LOT 2, BLK H, Map Kenwood Park, Oakland. John Lindquist to whom it may concern .....April 21, 1917

Apr. 24, 1917—PTN LOTS 7 AND 8, Blk 18, North Cragmont Tract. I. Ariel Kellogg to whom it may concern .....April 23, 1917

Apr. 24, 1917—LOT 18, BLK 2, Map Thousand Oaks Tract, Oakland Tp. Minnie E. Rigby to M. P. Brasch .....April 20, 1917

Apr. 26, 1917—LOT 17, PARK VIEW Tract No. 2, Piedmont. Thos. M. Potter to Fred H. Field..Apr. 20, 1917

Apr. 27, 1917—SW GREENBANK Ave 203.72 NW Pleasant Valley Ave SW 102 NW 40 29, Piedmont. Alfred Cords to A. Cords..... .....April 24, 1917

Apr. 27, 1917—S SONOMA AVE 125 S Peralta Ave, being lot 4, blk 26, Fairmont Park, Albany. J. A. Pinkerton to whom it may concern .....April 26, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT

Apr. 20, 1917—LOT 22, BLK 2024, Map No. 2 Whitcher Tract, Oakland. Russell Elder vs. Mathias and Rosalia Kulda $218

Apr. 20, 1917—LOT 4 and Ptn lot 15, Rockridge Tract, Oakland. G. W. Comfort vs. Clarence L. Belt....$27.75

Apr. 21, 1917—LOT 7 BLK 6 Map Thousand Oaks Station Tct, Oakland Tp. Richard Waldie, $1250; Contra Costa Bldg Materials Co, $69.85 vs A M and Adele Harvey, George Friend Co and Thousand Oaks Land Co.....

Apr. 23, 1917—LOT 7, BLK 6, Thousand Oaks Station Tract, Oakland Tp. Geo. A. MacDonell, $188.00; Ernest Waldie, $123.75; C. A. Virgin, $132.50; C. D. Wilson, $28..75 vs. A. M. and Adele Harvey, George Friend Co., Thousand Oaks Land Co. .....

Apr. 24, 1917—LOT 7 BLK 6 Map Thousand Oaks Station Tract, Oakland Tp. H. C. Brown vs. A. M. and Adele Harvey, Thousand Oaks Land Co. and George Friend Co. $80.00

RELEASE OF LIENS

Alameda County.

Apr. 16, 1917—LOT 4 BLK "E" Map Excelsior Heights, Okd. Panama Lumber & Mill Co to F N Strang et al, $298; Same to Same $298

Apr. 16, 1917—LOT 2 BLK "E" Map Excelsior Heights, Okd. Panama Lumber & Mill Co to Oakland Investment Co.....$619.78

Apr. 16, 1917—LOT 4 BLK "E" Map Excelsior Heights, Okd. Panama Lumber & Mill Co to Oakland Investment Co $309.01

Apr. 16, 1917—LOTS 11 TO 18 Incl. Blk 143 Kellersberger's Map, Okd. Henry Cowell Lime & Cement Co to James K Moffitt Estate Co $406.25

Apr. 16, 1917—S ELEVENTH 125 E Broadway E 175xS 100, Okd. John Foster, $65; Panama Lumber Co, $119.17; Rhodes Jamieson Co, $1482.78; National Lathing & Furring Co, $1870.30 to New England Equitable Ins. Co .. ..

Apr. 16, 1917—S ELEVENTH 125 E Broadway E 175xS 100, Oakland. Berger Mfg Co of California to James Moffitt Est Co et al $505.38

Apr. 16, 1917—NW THIRTEENTH Ave 110 SW E-19th St NW 115 SW 2.5 NW 35 SW 37.05 SE 150 NE 40, Oakland. F. W. Foss Co. to Robert J. Bell and J. G. Stewart $100.00

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE—2 story and base, frame. Cost not stated. Menlo Park, San Mateo Co., Cal. Architect, Henry Shermund, Mills Bldg., S. F. Owner, Mrs. L. E. Foster. Location, Oak Grove avenue and Toyon Road. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

RESIDENCE—2 story and base, frame, $5,600. Burlingame, San Mateo Co., Cal. Architect, Edward Norberg, Bank Bldg., Burlingame. Owner, Judge Lamb. Location, Burlingame Heights. Will contain nine rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

RESIDENCE—2 story and base, frame, $4,500. San Jose, Santa Clara Co., Cal. Architect, Charles S. McKenzie, San Jose Bank Bldg., San Jose. Owner's name withheld. Location, Hanchett Park. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

RESIDENCE ALTERATIONS — 2 story and base, frame, $4,000 San Jose, Santa Clara Co., Cal. Architect, Charles S. McKenzie, San Jose Bank Bldg., San Jose. Owner, J. W. Whitman. Location, southwest Ninth and San Carlos. Work will consist of interior and exterior alterations, new painting, plumbing and electric work. Hardwood floors. Plans complete and figures being taken.

HOTEL—3 story and base, reinforced concrete and hollow tile, $200,000. Salinas, Monterey Co., Cal. Architect. Theo Lenzen, Humboldt Bank Bldg., S. F. Owners, Salinas Hotel Co. Will contain in the neighborhood of 150 rooms, dining rooms, office, lobby and banquet rooms. Plans are nearly complete and figures will be called for shortly.

BANK ALTERATIONS — Cost not stated.. San Jose, Santa Clara Co., Cal. Architects, Binder & Curtis, Binder Bldg., San Jose. Owners, Garden City Bank. Work will consist of alterations to the first floor and will include marble and tile work and ornamental iron and bronze. Plans are complete and figures being taken.

PACKING PLANT—4, 4 story, mill constructed, $300,000. South San Francisco, San Mateo Co., Cal. Engineer, Von Voorhies, Call-Post Bldg., S. F. Owners, Moran Packing Co Bids are now being taken on materials and various parts of the work on the reinforced concrete and mill constructed packing houses to be erected in South San Francisco for the Moran Packing Company. The buildings will consist of a shipping, warehouse, manufacturing, slaughter house, hog house, etc.

Contract Awarded.

APARTMENT HOUSE—2 story and base, frame, $9,000. San Jose, Santa Clara Co., Cal. Architect, Charles S. McKenzie, Bank of San Jose Bldg., San Jose. Owner, G. Allen. Contractor, Steve Pelton, San Jose. Contract price, $9,000.

HOTEL ADDITION—2 story and base, reinforced concrete, $50,000. San Jose, Santa Clara Co., Cal. Architects, William Binder and Curtis, Binder Bldg., San Jose. Owners, Montgomery Hotel. Contractors, Twohy Bros. Mr. James F. Horan, Montgomery Hotel San Jose. Contract price, $50,000.

BIOLOGICAL BUILDING—2 story and base, reinforced concrete, $23,000. Pacific Grove, Monterey Co., Cal. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Trustees of Leland Stanford, Jr., University. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $23,000.

COLLEGE DORMITORIES — 4, 3 story and base, reinforced concrete, $250,000. Palo Alto, Santa Clara Co., Cal. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Trustees of Leland Stanford, Jr., University. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $250,000.

BUILDING CONTRACTS.

Santa Clara County.

FRAME RESIDENCE
SECOND & EMPIRE STS., San Jose. All work for two-story frame and stucco residence.
Owner.....Geo. W. Borchers, 559 N-Second, San Jose.
Architect.....Higbie & Hill, Porter Bldg., San Jose.
Contractor....Morrison Bros., 1310 Liberty St., Santa Clara.
Filed Apr. 23, '17. Dated Apr. 19, '17.
Frame up $1433
Brown plaster on..... 1433
Accepted 1433
Usual 35 days..... 1433
TOTAL COST, $5732
Bond, $2,866.50. Sureties, Christy A. Morrison and D. N. Wallace. Limit, 120 days from date. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

Santa Clara County.

RECORDED ACCEPTED

Apr. 16, 1917—NO. 237 WEST HAWthorne Way Lot 35 Arcadia Tract, San Jose. V F Van Dalsem et al to V F Van Dalsem Apr. 10, 1917

LIENS FILED.

Santa Clara County.

RECORDED AMOUNT

Apr. 19, 1917—SENTER ROAD bet Tully and Lewis Roads. O F Mills vs C E Ambrose.....$26

Apr. 14, 1917—SE NINETEENTH & Taylor, San Jose. A O Kent vs Mrs H Thompson et al $20.75

BUILDING CONTRACTS.

San Mateo County.

FRAME RESIDENCE
LOT 15 BLK 3, Burlingame Park Sub. No. 2, Burlingame. All work for two-story frame residence and garage.
Owner ....George F. Bening, 3475 Mission, San Francisco.
Architect ....Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor....Fred Warden, 354 Sussex, San Francisco.
Filed Apr. 26, '17. Dated Apr. 26, '17.
When framed $1376.25
Brown plastered 1376.25
Completed 1376.25
Usual 35 days..... 1376.25
TOTAL COST, $5505.00
Bond, $2752.50. Sureties, Chas. Monson and Albin Warden. Limit, 75 working days. Forfeit, $10 per day. Plans and specifications filed.

COMPLETION NOTICES.

San Mateo County.

RECORDED ACCEPTED
Apr.. 27, 1917—CANADA de RAYmundo, "Filoli." W B Bourn to C Jorgensen & Co.....Apr. 24, 1917
Apr. 27, 1917—LOT 28 BLK 7, Crocker Estate Tract, Daly City. David Houle to whom it may concern.....April 25, 1917

LIENS FILED.

San Mateo County.

RECORDED AMOUNT
Apr. 24, 1917—LOT 16 BLK 57 Easton Addition to Burlingame No. 6,Easton. Eureka Sash, Door & Moulding Mills vs D Fortin and Henry East $453.22
Apr. 23, 1917—LOT 24 BLK "K" Hayward Park No. 2, San Mateo. Loop-Wisnom Lumber Co vs Geo W Kneass Jr and Edith R Kneass, J I Thomas & David Clarke..$434.23

RELEASE OF LIENS

San Mateo County.

RECORDED AMOUNT
Apr. 26, 1917—PTN LOT 8 BLK 6 Western Addition to Town of San Mateo, San Mateo. Loop-Wisnom Lumber Co, $107.60; Eureka Sash, Door & Moulding Mills, $596.43 to Arnold & Morey and Grace E and R R Sibley.....
Apr. 26, 1917—COR. ELM ST. AND Poplar Ave, San Mateo. H W Arnold and Joseph I Morey to R R and Grace Sibley.....$1198.25

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCES—6, 1 story and base, frame. Cost not stated. Vallejo, Solano Co., Cal. Architect, O. R. Thayer, 443 Georgia street, Vallejo. Owner's name withheld. Each house will contain five rooms and bath. Plans are being prepared..

RESIDENCE 1 story and base, frame $1,800. Richmond, Contra Costa Co., Cal. Architect, none. Owner, M. Morton, 10th and Macdonald Sts., Richmond. Location, Pennsylvania avenue near Eighth. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

SANITARIUM—4, 2 and 4 story, frame, $40,000. Burke, Sonoma Co., Cal. Architect, Walter H. Judson, Blake Bldg., Oakland. Owners, Burke Sanitarium Co. This group of buildings will be erected on a 60-acre tract, which will be landscaped and an artificial lake covering seven acres constructed. The main building will contain 300 rooms while the other buildings will be an administration building, surgical ward and nurses' home. Plans are being prepared.

SUGAR REFINERY ADDITIONS—6, 5, 7 and 9 story, brick, steel and concrete, $3,000,000. Crockett, Contra Costa Co., Cal. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, California-Hawaii Sugar Co. Both the char house and refinery addition will be nine stories. Warehouses and other buildings will range from five to seven stories. Plans are being prepared.

Contract Awarded.

FIRE HOUSE—1 story and base, brick, $4,220. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, 907 Macdonald avenue, Richmond. Owners, City of Richmond. Contractor, P. M. Sanford, Richmond. Contract price, $4,220. A complete list of these bids will be found under the heading of Bids Opened in this issue.

BUILDING CONTRACTS.

Marin County.

ALTERATIONS
N FERNHILL AVE., bet Ppty of McKee and F. P. McInerney frontage of 110 feet, Town of Ross. Carpenter, mill, plastering, plumbing, heating, electric wiring, painting and other work for alterations and additions to residence.
Owner.....Harry S. Scott, Ross, Cal.
Architect .....W. Garden Mitchell, 742 Market, San Francisco.
Contractor....E. Ellingson, 3854 Army, San Francisco.
Filtd Apr. 20, '17. Dated ———.
Frame up and walls and roof shingled $418
Plastering, plumbing and heating pipe in 418
Completed 418
Usual 35 days..... 423
TOTAL COST, $1677
Bond, $840. Surety, American Indemnity Co. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

Marin County.

RECORDED ACCEPTED
Apr. 25, 1917—MILL VALLEY Junction, Mill Valley. Board of School Trustees to A O Field.....April 20, 1917
Apr. 25, 1917—KENTFIELD. Amilie Bach to Arthur Heydenaber.....April 23, 1917
Apr. 24, 1917—SAN RAFAEL. Mrs Louise A Boyd to Tom G Melech & Co.....March 31, 1917
Apr. 26, 1917—SAN RAFAEL. San Rafael Lodge of Elks to S Saywell .....April 17, 1917

BUILDING CONTRACTS

Contra Costa County.

(Correction in Location)

FRAME COTTAGE
PENNSYLVANIA AVE., bet. Third and Fourth Sts., Richmond. One-story frame cottage.
Owner.....M. G. Humphreys, 431 12th St., Richmond.
Architect .....None.
Day's work. COST, $1800

FRAME COTTAGE
PENSYLVANIA AVE., bet. Ninth and Tenth Sts., Richmond. One-story frame cottage.
Owner.....M. Morton, Builders' Exchange, 10th and Macdonald Ave., Richmond.
Architect .....None.
Day's work. COST, $1800

BUILDING CONTRACTS.

Sonoma County.

REPAIRS
PETALUMA, Sonoma Co. Repair fire damage in three-story brick Masonic Temple and stores.
Owner.....Masonic Temple Association, Petaluma, Cal.
Architect .....Carl Werner, Phelan Bldg., San Francisco.
Contractor....Ira Coburn, 452 Duboce Ave., San Francisco.
COST, $18,000

HEATING SYSTEM ON ABOVE.
Contractor....Rector Gas Heating Co., 427 Sutter, San Francisco.
COST, $1000

DWELLING
THIRD ST., bet. G and H Sts., Petaluma. One-story 5-room dwelling.
Owner.....George Ross, Cr. Golden Eagle Milling Co., Petaluma.
Architect .....None.
Contractor....M. H. Fredericks, Petaluma. COST, $1800

RAILROAD DEPOT
FIFTH ST. & NORTHWESTERN Railroad, Santo Rosa. One-story stone railroad depot.
Owner.....Wells Fargo Co. Express.
Architect .....James H. Humphrey, Wells Fargo Bldg., S. F.
Contractor....N. Forni, Santa Rosa.
COST, $2766

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—2 story and base, brick or hollow tile, $17,000. Visalia, Tulare Co., Cal. Architect, Morve L. Weaver, 113 North Willis St., Visalia. Owner, Dr. T. J. Wynne. Will contain a total of 16 apartments of two rooms and bath each. Plans are being prepared and figures will be called for shortly.

RESIDENCE—2 story and base, frame, $2,500. Fresno, Fresno Co., Cal. Architect, none. Owner, J. G. Porter, Cambridge avenue, Fresno. Location, Altamont Tract. Will con-

tain six rooms and bath. Sleeping porch. Plans complete and work to be done by Day Labor..

RESIDENCE 2 story and base, frame, $7,000. Newman, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, William J. Burris, Bank of Newman. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.. . .

STORES 1 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect, H. B. Hotchkin, Rowell Bldg., Fresno. Owner, L. M. Athenour. Location, Fresno and G streets, covering an area of 50 by 65 feet. Plans complete and figures being taken.

SCHOOL MANUAL TRAINING BUILDING—1 story, frame, $4,000. Oakdale, Stanislaus Co., Cal. Architect, Hugh Y. Davis, Fresno. Owners, City of Oakdale. This building will be the first unit of an Intermediate School. Plans are being prepared.

SCHOOL 1 story, frame, $7,500. Tellman, Fresno Co., Cal. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Tellman School District. Designed for a district school and will contain three class rooms. Plans are nearly complete and figures will be called for at once.

SCHOOL—1 story, frame, $5,000. Lindcove, Fresno Co., Cal. Architect, Hugh Y. Davis, 1015 Wilson avenue, Fresno. Owners, Lindcove School District. Will contain one class room. Plans also include a septic tank and water supply system. Plans are complete and figures being taken.

PACKING PLANT—1 story and base, brick, $10,000. Tulare, Tulare Co., Cal. Architect, none. Owners, Tulare Rochdale Co., leased to McCullough Provision Co. Will cover an area of 50 by 150 feet. Plans complete and work to be done by Day Labor. Lessees to install a refrigerating plant at a cost of $5,000.

CITY HALL—1 story, brick. Cost not stated. Reedley, Fresno Co., Cal. Architect, none. Owners, City of Reedley. Location, 10th street, covering an area of 24 by 66 feet. Plans complete and figures being taken. Bids opened on May 15th. Plans can be secured from the City Clerk.

THEATRE—3 story and base, reinforced concrete, $100,000. Fresno, Fresno Co., Cal. Architects, Coates & Traver, Rowell Bldg., Fresno. Owners, Einstein Investment Co. Location, Van Ness avenue adjoining Rowell Bldg. Will have a seating capacity of 1900 people. Plans to be completed within two weeks. Bids for excavating now being taken.

Contract Awarded.

LODGE ROOMS AND STORES — 3 story and base, brick, $52,550. Visalia, Tulare Co., Cal. Architects, Swartz & Swartz, Rowel Bldg., Fresno. Owners, Elks' Hall Association. Contractor D. B. Day, Woodlake. Contract price, $52,550.

BUILDING CONTRACTS.

Fresno County.

ADDITION
COUNTY HOSPITAL SITE, Fresno County. Fireproof addition to County Hospital.
Owner.....Fresno County.
Architect Glass & Butner, Republican Bldg., Fresno.
Contractor....Manning Bros., 924½ Jay St., Fresno.
COST, $55,850

BRICK BLOCK
PARLIER, Fresno County. All work for one-story brick business block.
Owner.....Ed.. J. Hayhurst.
Architect .....E. Mathewson, Corey Bldg., Fresno.
Contractor....C. B. Hanner, 1245 I St., Fresno.
COST, $9100

THEATRE BUILDING
LOTS 26 AND 28 BLK 95, Fresno. All work for three-story reinforced concrete theatre building..
Owner.....Einstein Invst. Co., Tulare and K Sts., Fresno.
Architect .....Coates & Traver, Rowell Bldg., Fresno.
Day's work. COST, $100,000

CLASS "C" ENGINE HOUSE
LOTS 21 AND 22 BLK 97, Fresno. All work for two-story Class "C" engine house.
Owner.....City of Fresno.
Arcbitect .....Coates & Traver, Rowell Bldg., Fresno.
Contractor....D. A. Cowan, 415 Glenn St., Fresno.
COST, $1420

CAR SHED
FRESNO. All work for concrete Pullman car shed.
Owner.....Southern Pacific Co., Fresno.
Architect .....None.
Contractor....Jones & McGovern, 2218 Los Angeles St., Berkeley
Filed Apr. 23, '17. Dated Apr. 16, '17. Payments usual 35 days after completion . . . . . .
TOTAL COST, $5110
Bond, $2600. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications, none.

ALTERATIONS
LOTS 5 TO 8 BLK 30, Fresno. Alterations, etc., on residence.
Owner.....Buddist Church, 1340 Kern St., Fresno.
Architect .....None.
Day's work.. COST, $2699

DWELLING
LOTS 70 TO 74 BLK 11 Altamont Addition (rear), Fresno. Dwelling.
Owner.....J. G. Porter, Cambridge Ave.. Fresno.
Architect .....None,
Day's work. COST, $2200

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
Apr. 25, 1917—LOT 4 BLK 21, Alta Vista Tract, Fresno. F F Schenck to whom it may concern..Apr. 23, '17
Apr. 25, 1917—LOTS 9 AND 10 BLK 4, Sunset Tract, Fresno. Frank J Craycroft to whom it may concern.....April 24, 1917
Apr. 24, 1917—LOTS 15 TO 19 BLK 1, Prather's Add'n., Fresno. V Kirkorian to whom it may concern .....April 16, 1917

NOTICE OF NON-LIABILITY.

Fresno County.

Apr. 25, 1917 LOT IN HURON. S. P. R. R. Co. [illegible] to improvements on [illegible] property

SACRAMENTO, STOCKTON AND NORTHERN CALIFORNIA.

HOTEL 2 story and base, brick, $18,000. Manteca, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owner, A. V. Faight. Will cover an area of 50 by 125 feet and will contain 35 rooms, office and lobby. Plans are being prepared.

CHURCH —1 story, frame, $5,000. Tracy, San Joaquin Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Presbyterian Church. Will contain an auditorium and Sunday school rooms.. Plans are complete and figures being taken.

FACTORY—2 story and base, brick, $10,000. Stockton, San Joaquin Co., Cal. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Gloria Ice Cream Co. Location, Oak and Aurora streets. Will contain plant and office. Special ice making machinery not included in estimated cost. Plans complete and figures being taken.

GARAGE—1 story and base, brick, $8,000. Stockton, San Joaquin Co., Cal. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Misses Mitros. Location, Eldorado and Lindsay streets. Designed for a commercial garage and will cover a considerable ground area. Plans complete and figures beiig taken.

HOTEL AND STORES—4 story and base, reinforced concrete, $100,000. Woodland, Yolo Co., Cal. Architect, Walter H. Judson, Blake Block, Oakland. Owners, Hotel Woodland. Will cover a considerable ground area and contain over 100 rooms, dining room, office, lobby and stores. Plans are being prepared.

CITY HALL—1 story and base, reinforced concrete, $10,000. Yreka, Siskiyou Co., Cal. Architect, George C. Sellon, 1005 K street, Sacramento. Owners, City of Yreka. Will contain offices of the mayor, city clerk and fire department. Plans complete and figures being taken. Bids open on May 10th.

THEATRE AND STORE—1 story and base, brick, $22,900. Lodi, San Joaquin Co., Cal Architects, Stone & Wright, San Joaquin Valley Bank Bldg, Stockton. Owners, Lodi Investment Co. Location, School street. Will contain stores and a theatre. Plans are being prepared.

SCHOOL GYMNASIUM — 1 story, frame. Cost not stated. Sutter City, Sutter Co., Cal.. Architect, Chester Cole, Chico. Owners, Union High School District. Will contain a large gymnasium and visitors gallery. Plans complete and figures being taken. Bids open on May 14th.

Contract Awarded.

OFFICE BUILDING AND COTTAGES—1, 1 story, frame and 8, 1 story, frame, $25,000 and $9,000. Manteca, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Spreckels Sugar

Co. Contractor, Thomas Lewis, San Joaquin street, Stockton. Contract price, $25,000 and $9,000.

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BUILDING CONTRACTS.

Sacramento County.

FRAME APARTMENTS
NO. 817 FOURTEENTH ST., Sacramento. Two-story frame apartment house (4 apartments 3-rooms and bath each).
Owner.....Jennie McConnell, 1509 H St., Sacramento.
Architect.....None.
Contractor....R. M. Smith, 2017 18th St., Sacramento.
COST, $4500

MARQUISE
NO. 729 J ST., Sacramento. Erect metal construction marquise.
Owser.....Latourette Fical Co., 35th and Sacramento Sts., Sacramento.
Architect.....None.
Day's work. COST, $600

BUILDING CONTRACTS

San Joaquin County.

BRICK STORES AND ROOMS
NW EL DORADO AND CHANNEL ST., Stockton. General construction of three-story brick stores and rooms.
Owner.....Mrs. A. Rothenbush.
Architect.....Ralph P. Morrell, 1. O. O. F. Bldg., Stockton.
Contractor....John T. Lewis, 245 South American St., Stockton.
COST, $6125

CONCRETE AND EXCAVATION ON above.
Contractor....M. Fredericks, Stockton.
COST, $2000

STEEL WORK ON ABOVE.
Contractor....Builders Iron Works, 318 E-Lafayette St., Stockton.
COST, $1554

BRICK AND FRAME CANNERY
MANTECA, San Joaquin Co. One-story and basement brick and frame cannery.
Owner.....Manteca Canning Co.
Architect.....Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor....Cheek & Ross, Manteca. California.
COST, $8175

BRICK STORES AND ROOMS
MANTECA, San Joaquin Co. Two-story and basement brick stores and rooms.
Owner Wells & Pezzoni, Manteca California.
Architect.....None.
Day's work. COST, $18,000

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LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, $15,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Irwin J. Muna, Merchants National Bank Bldg., L. A. Location, Winsor Square. Will contain twenty-two rooms, three baths and sleeping porches. Separate garage. Plans are complete and contract awarded to the Milwaukee Building Co.

STORE AND OFFICE COMPLETION—Class A construction, $300,000. Long Beach, Los Angeles Co., Cal. Architect's name not given. Markwell Bros. have incorporated the Markwell Fireproof Building Company for the purpose of financing and completing the Class A store and office building at the foot of Pine avenue, Long Beach. The building is to be a six-story structure and will contain a theatre to seat 1200 people, cafeteria, about 60 shops and stores and 96 offices. It is expected that arrangements can be made to resume work in 60 days.

CANNING PLANT ADDITION — 1 story, brick. Cost not stated. Van Nuys, Los Angeles Co., Cal. Architect, E. R. Jeffery, Van Nuys Bldg., L. A. Owners, Van-O-Mar Producers' Association. Will cover an area of 68 by 300 feet. Plans are being prepared.

LAUNDRY ADDITION—2 story and base, reinforced concrete. Los Angeles, Cal. Architect, none. Owners, Linen Laundry and Supply Co. Contractor, John F. Blee, Union League Bldg., L. A. Contract price not stated.

GARAGE AND SALES ROOMS — 2 story and base, brick. Los Angeles, Cal. Architect, Frank L. Meline, 6778 Hollywood Boulevard, L. A. Owner, John Shell. Location, Hollywood Boulevard near Hudson, covering an area of 37 by 200 feet with a wing 70 by 100 feet. Plans are being prepared.

GARAGE—2 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Frank Wilson Young, Lankershim Bldg., L. A. Owner, J. W. Park. Location, south Sixth street near Lucas. Designed for a commercial garage. Plans are being prepared.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Roman Catholic Church, leased to Walter M. Brown, Stutz agent. Location, southwest Figueroa and Washington streets, covering an area of 100 by 189 feet. Plans complete and figures being taken.

LODGE HALL—3 story and base, brick, $45,000. Glendale, Los Angeles Co., Cal. Architect, Alfred F. Priest, Fay Bldg., L. A. Owners, Glendale Elks' Hall Association. Location, Colorado street near Brand Boulevard, covering an area of 105 by 80 feet. Will contain 25 bachelor apartments besides the lodge rooms. Plans are complete and figures being taken.

LODGE HALL AND STORES — 2 story and base, brick, $18,000. Needles, San Bernardino Co., Cal. Architect, P. W. Ehlers, 443 3rd street, San Bernardino. Owners, Needles Masonic Hall Association. Will cover an area of 50 by 150 feet and will contain stores and lodge rooms. Plans are being prepared.

LIBRARY—1 story and base, brick, $10,000. Inglewood, Los Angeles Co., Cal. Architect, C. H. Russell, Story Bldg., L. A. Owners, City of Inglewood. Will contain two reading rooms, work space and offices. Plans are complete and figures being taken.

RAILROAD SHOPS—30, 1 and 2 story, brick, concrete and steel. Cost as follows. Torrance, Los Angeles Co., Cal. Engineer, J. D. Isaacs, New York. Owners, Pacific Electric Railroad Co. Pacific Electric Railway officials announce that the company has made an appropriation of $1,000,000 for the construction of a group of buildings at Torrance. Actual construction work will be commenced as soon as the plans are received.

SCHOOL—1 and 2 story, brick or hollow tile, $40,000. Glendora, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Glendora School District. Will contain six class rooms and a large auditorium. Plans are being prepared.

SCHOOL—1 story and base, hollow tile, $50,000. Azusa, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Azusa School District. Will contain eight class rooms and an auditorium. Plans are being prepared.

SCHOOL CAFATERIA—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, John C. Austin, Baker-Detwiller Bldg., L. A. Owners, City of Los Angeles. Location, Country Club Drive near Wilshire Boulevard, covering an area of 112 by 110 feet. Plans are complete and figures being taken. Bids open on May 10th.

SCHOOL—1 story, frame, $30,000. Oak Knoll, Los Angeles Co., Cal. Architect, Walter Webber, Ferguson Bldg., L. A. Owners, Santa Marino School District. Will contain six class rooms and an auditorium. Plans are being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architects, Herbert C. Howard and Norman Marsh, Broadway Central Bldg., L. A. Owner, Dr. White. Location, Tenth and Westmorland avenues. Will contain fourteen rooms and two baths. Separate garage. Plans being prepared.

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THEATRE AND STORES—1 story and base. Class A construction, $100,000. Los Angeles, Cal. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, Shirley Ward. Location, east Grand avenue north of Seventh street, covering an area of 76 by 167 feet. Plans are complete and figures being taken.

Contract Awarded.

MERCANTILE BUILDING—1 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owner, J. J. Hagarty. Contractor, William C. Crowell, Chamber of Commerce Bldg., L. A. Contract price not stated.

RESIDENCE—2 story and base, frame. Cost not stated. Altadena, Los Angeles Co., Cal. Architect, Foss Designing Co., Euclid avenue near Colorado, Pasadena. Owner, J. W. Clise. Contractors, Foss Designing and Building Co., Pasadena. Contract price not stated.

BANK—1 story and base, reinforced concrete. Cost not stated. Victorville, San Bernardino Co., Cal. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Carl Leonardt. Contractors, Leonardt & Peck, H. W. Hellman Bldg., L. A. Contract price not stated.

THEATRE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Charles F. Durr, 259 West Sixth street, San Pedro. Owner, F. A. Grant. Contractors, Lilly-Fletcher Co., Investment Bldg., L. A. Contract price not stated.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Portland, Ore. Architect, none. Owners, Oregon Home Builders, Northwestern Bank Bldg., Portland. Location, southeast 25th and Hawthorne avenues, covering an area of 95 by 64 feet. Will contain 16 apartments of three and four rooms. Plans are being prepared.

CAR SHOP EXTENSION—1 story, reinforced concrete and frame, $18,500. Portland, Ore. Architect, none. Owners, Southern Pacific Co., Flood Bldg., S. F. Location, east 20th avenue near Long street, covering an area of 50 by 400 feet. Plans are complete and a contract will be awarded shortly.

SCHOOL ADDITION—2 story and base, reinforced concrete, $150,000. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, Franklin School site. Plans are nearly complete and figures will be called for shortly.

SCHOOL ADDITION—2 story and base, frame, $40,000. Portland, Ore. Architect, F. A. Naramore, Portland. Owners, City of Portland. Location, Woodstock School site. Will contain six rooms and departments of domestic science and manual training. Plans are complete and figures will be called for shortly.

Contract Awarded.

GRAIN ELEVATORS — Reinforced concrete. Cost not stated. Portland, Ore. Engineer's name not given. Owner's name withheld. Contractors, Burrell Engineering Co., Lewis Bldg., Portland. Contract price not stated.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—3 story and base, brick and reinforced concrete, $75,000. Seattle, Wash. Architect, Carl Siebrand, Northern Life Bldg., Seattle. Owner, Mrs. Virginia O. Godderis. Location, northeast Denny Way and Queen Anne avenue, covering an area of 60 by 120 feet. Will contain 37 suites of two, three and four rooms. Plans complete and figures being taken.

CATHEDRAL—1 and 4 story and base. Class A construction, $350,000. Seattle, Wash. Architect, E. Frere Champney, Henry Bldg., Seattle. Owners, St. Mark's Church. Location, present site of St. Mark's Church. Other than the fact that this architect has been commissioned to prepare the plans and the amount of money to be expended, no details have been given to the public. Further mention will be made.

PRISON REPAIRS AND ADDITIONS—Cost as follows. Olympia, Wash. Architect, Julius Zittel, Jamison Bldg., Spokane. Owners, State of Washington. The State Board of Control has commissioned Architect Julius Zittel to prepare plans for the following work: New steel roof to the cell wing and dining hall at the Walla Walla penitentiary; two annexes to the custodial building at the Medical Lake institution to cost $80,000, and new buildings at the Grand Mound School for Girls to cost $94,000. The steel roof work will cost $25,000. Dennis Nicholls, of Vancouver, Wash., will be associated with Mr. Zittel on the Grand Mound work.

STEEL PLANT—3, 1 story, frame and steel. Cost not stated. Seattle, Wash. Architect, none. Owners Hofius Steel and Equipment Co., Seattle. Location, First avenue and Spokane street. Plans provide for a 50 by 300 structural shop, 30 by 300 warehouse and a 60 by 150 machine shop. The owners will furnish all materials. Plans are complete and figures being taken.

HOSPITAL—3, 1 and 2 story and base, reinforced concrete, $115,000. Sedro-Wooley, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, State of Washington. These architects have just been commissioned to prepare plans for two ward buildings and a commissary store building at the State Hospital. Further mention will be made of the work.

VETRANS' HOME—1 and 2 story, reinforced concrete, $25,000. Retsil, Wash. Architect, George W. Lawton, Alaska Bldg., Seattle. Owners, State of Washington. The architect has just been commissioned to prepare these plans and other than the fact that the building will be used for a hospital no details are available. Further mention will be made of the work.

HOSPITAL—1 and 2 story, reinforced concrete, $46,000. Orting, Wash. Architect, Andrew Willatzen, Boston Block, Seattle. Owners, State of Washington. Will form one of a group of new buildings to be erected at the State Institution at Orting. Further mention will be made of the work.

HOSPITAL POWER HOUSE — 1 story and base, reinforced concrete, $35,750. Sedro-Wooley, Wash. Architect, George W. Lawton, Alaska Bldg., Seattle. Owners, State of Washington. Preliminary plans only have been prepared and further mention will be made of the work when plans have been approved.

SCHOOL—2 story and base, brick, $80,000. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, 5th Ave. and North 42nd street, covering an area of 42 by 198 feet. Plans are complete and figures being taken. Bids will be opened on May 7th.

SCHOOL—1 story and base, brick, $40,000. Seattle, Wash. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, California avenue near West Barton street, covering an area of 65 by 200 feet. Will contain six class rooms and an auditorium. Plans are complete and figures being taken. Bids will be opened on May 7th.

Contract Awarded.

ADDITION TO GRAIN ELEVATOR—Reinforced concrete, $79,392. Seattle, Wash. Engineers, Port of Seattle Commission, Bell Street Dock, Seattle. Owners, City of Seattle. Contractor, P. A. Harrington, Oriental Bldg., Seattle. Contract price, $79,392.

APARTMENT HOUSE—4 story and base, brick, $70,000. Seattle, Wash. Architect, W. H. Milner, Haight Bldg., Seattle. Owner, P. D. Ehle & Son. Contractors, Walter & Brady, 4049 Latona avenue, Seattle. Contract price, $70,000.

ARIZONA.

STORES AND OFFICES — 4 story and base. Class A construction, reinforced concrete, $150,000. Phoenix, Ariz. Architects, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Dwight B. Heard. Will occupy a corner site, covering an area of 70 by 146 feet and contain a number of stores on the first floor besides a total of 117 offices. Plans are being prepared.

CHURCH—1 and 2 story and base, brick, $45,000. Honolulu, Hawaii. Architect, William Arthur Newman, Post Office Bldg., S. F. Owners, Christian Science Church. Plans complete and figures close May 7th.

CHUNGKING, China.—A large firm in West China has decided to establish a general hardware business at Chungking, opening with a stock valued at about 10,000 taels ($8,000 United States currency). Various kinds of hardware, building materials, and engineers' tools and supplies are to be carried. The firm desires to hear from large American supply houses or manufacturers furnishing these lines. Dealings with those who understand the Chinese market are sought. Generally speaking, the cheaper grades of merchandise will be preferred. This is the first move to establish such a business in Chungking. Six months to one year will elapse before it is opened. This firm has an agent in New York, and probably purchases will be made through the agency.

[The name of the firm may be obtained from the Bureau of Foreign and Domestic Commerce, its district or co-operative offices. Refer to file No. 86850.]

CITY BIDS OPENED.

F. R. Ritchie, Chronicle Bldg., submitted the lowest bid to the San Francisco Board of Public Works for the construction of Section A of the Marina Boulevard at $[illegible].

The following bids were received for furnishing and laying linoleum in the Pathological Building of the San Francisco Hospital:

D. N. & E. Walter	$1,419.98
W. J. Sloane	1,146.35

FIGURES RECEIVED FOR STATE HARBOR WORK.

Reconstruction of Pier No. 46 and New Wharf at Islais Creek Calls Out Many Figures.

A number of bids were opened by the State Board of Harbor Commissioners for reconstructing Pier No. 46, destroyed by fire several months ago, and for constructing a wharf to be known as Islais Creek Wharf. Pier No. 46 will be 200 by 800 feet and will be carried on such as the old piles as can be used. All bids were taken under advisement until Tuesday next. Following is a complete list of the bids received:

Reconstructing Pier No. 46.

Monson Bros., (1) ——; (2) ——; (3) $207,937; (4) $210,918.

Clinton Construction Co., (1) $180,390; (2) — ; (3) $182,116; (4) $185,311.

J. D. Hannah, (1) ——; (2) ——; (3) $187,700; (4) $190,700.

Tibbitts Pacific Co., (1) $187,097; (2) $187,097; (3) $187,147; (4) $190,397.

Masow & Morrison, (1) [illegible]; (2) ——; (3) $185,896; (4) $189,421.

San Francisco Bridge Co., (1) $188,703; (2) [illegible]; (3) $195,004; (4) $195,285.

Healy-Tibbitts Construction Co., (1) ——; (2) [illegible]; (3) $181,758; (4) $185,558.

Islais Creek Wharf.

Hyde-Harjes Co.	$76 610
Clinton Construction Co.	63,400
J. D. Hannah	70,000
Tibbitts Pacific Co.	68,990
Duncanson & Harrelson	67,493
San Francisco Bridge Co.	67,694
Healy-Tibbitts Cons't Co.	60,680
C. Lamburth	72,000

SAN FRANCISCO ASSURED NORMAL SCHOOL.

SACRAMENTO, Cal., April 23, 1917. — The Kehoe Bill appropriating $500,000 for the construction of a State Normal School at San Francisco passed the Senate by a vote of 24 to 7. The bill provides that the old California Building, located on the Exposition Site, must not be used for the selection of a site for the Normal School Trustees.

DEEDS SECURED FOR RAILROAD.

ALTURAS, Modoc Co., Cal., April 23, 1917.—C. S. Baldwin of the Citizens' Railroad Committee, has gone to Reno, carrying with him deeds for the necessary right of way and tract of land for the shops of the Nevada-California-Oregon Railroad Company.

The deeds will be delivered when the railroad company signs the agreement to make Alturas a division point and executes a $10,000 bond.

FUNDS FOR HIGHWAY.

SACRAMENTO, Cal., April 23, 1917. The only Assembly road appropriation bill which succeeded in passing the lower House is one by Assemblyman A. J. Mathews of Susanville, calling for $60 000 for State highway from Susanville, Lassen County, to the Nevada State line, connecting with a highway to Reno

NEW HOTEL FOR LYON.

In connection with the proposed construction after the war of a modern hotel at Lyon, France, to cost $2 000,000, Consul John E. Jones has transmitted a translation describing the project and a copy of the plans. These can be examined at the Bureau of Foreign and Domestic Commerce or its district or co-operative offices by referring to file No. 86509.

WAR-TIME ADVICE TO FARMERS FROM FACTORY-MEN.

How the wheat farmers of the State can best serve the State and the Nation, through co-operation with California factories, during this war-time crisis, will be the topic for discussion at the regular weekly luncheon of the Home Industry League to be held today at the Palace Hotel.

The principal talk will be delivered by Professor Bert D. Ingels, the chief chemist of the Sperry Flour Co., who will give the viewpoint of the State's flour makers.

Women are especially invited to the luncheon, as the moving pictures used to illustrate the talks will have particular appeal to housewives.

Nominations for vacancies in the Board of Directors will be received at this meeting.

J. H. KRUSE NOT INTERNED AND NOT IN TROUBLE.

Some mischief maker has been spreading a story to the effect that J. H. Kruse, the popular lumber dealer, mill man and hardware dealer of 23rd and Shotwell, has gotten in trouble with the Federal Authorities on account of the war, and was a prisoner.

The above yarn is a miserable lie. Mr. Kruse came to America when 17 years of age to get away from the Kaiser, was naturalized in 1874 (43 years ago) raised his family here and is a staunch citizen of the United States.

THOUSANDS AT WORK ON ALASKAN LINE.

Nearly 7,000 men are working on the new Government railroad which is being built by the Alaskan Engineering Commission, under the direction of Secretary of the Interior Lane, in Alaska this year, 1,000 more than were employed last season. A number of those whose applications were received too late have gone north anyway, many of them intending to apply for homesteads.

The new railroad passes through an extensive agricultural country, and between 500 and 1,000 homesteaders are now developing that region as it was never possible to develop it before the coming of the railroad.

Plenty of Room.

There is still room for a large number of homesteaders near the railroad, and the Government encourages farmers from the States who wish to make Alaska their home. Recently the Alaskan Engineering Commission contracted with the Matanuska farmers for 400 tons of potatoes or over 13,000 bushels.

Many of the homesteaders now located in various parts of the Territory are former miners and prospectors who came primarily for mining, but were so impressed with the farming and stock-raising possibilities that they ceased their pursuit of the elusive pay-streak, and chose to follow the more dependable plow instead.

Manager's Statement.

Manager Christensen of the Land and Industrial Department states in his report on the farm lands of the railroad country:

Since the advent of the railroad there has been an influx of several thousand people, and there is now a demand for more products than the farmer can supply. * * * Matanuska is located in the heart of the Matanuska Valley, and will be a distributing point for the farmers. Nearly all of these farmers devote their time exclusively to agriculture because they have always been assured of a market and of hight prices for their products.

CALIFORNIA WHEAT FIELDS TO REPLACE CALIFORNIA VINEYARDS.

The biggest opening for "home industry" in California today is one available to all who own small ranches, even if the ground is hilly, declared Prof. Bert D. Ingels, Chemist of the Sperry Flour Co., in a talk recently at the Palace Hotel before the members of the Home Industry League of California.

"New conditions in world markets make it certain that flour will never again be so cheap as $1,50 per 50. Today it is $3.30, and the price will go up tremendously still. There are many reasons why it will pay California farmers and ranchers to raise wheat better than it will pay ranchers or farmers elsewhere. And the big price which wheat will bring hereafter will make it well worth the while of the California rancher to plough up other crops, feed fertilizer to the soil in great quantities, and grow wheat annually instead of the various other things they are planting today."

The threatened ruin of the vineyards of the State does not seem to Prof. Ingels a real calamity, for the reason that all the ground now given to grapes can in future be more profitably given over to the raising of wheat. Nor is it necessary for a person to have a large tract of ground under cultivation to make future wheat crops profitable, according to Prof. Ingels, who states that the smallest rancher can share in California's coming prosperity.

HEAT-INSULATING EFFICIENCY OF MATERIALS.

WASHINGTON, D. C.—Study of the results of an investigation of the heat-insulating efficiency of various materials has been made by the United States Bureau of Standards, and although absolute statements would not be warranted at the present stage, certain preliminary conclusions have been started. In general, it appears that gypsum shows a greater efficiency as a fire-insulating material. Concrete and clay vary somewhat, depending upon their porosity. The denser clays conduct the heat a little more rapidly than concrete. The more porous clays, however, conduct heat somewhat less rapidly than the concrete. The effect of the aggregates on the concrete is not very marked in changing the relative conductivity. There is little difference in this respect between gravel, trap rock, slag, and soft-coal cinder aggregate. Limestone concretes, however, seem to stand out as giving a much lower conductivity. There was found to be but little difference between the behavior of the gypsum specimens furnished by different manufacturers. The dense high-plaster mixtures give much better results than the porous low-plaster, high-water mixtures.

UNITED STATES CIVIL SERVICE EXAMINATION.

MECHANICAL ENGINEERS (MALE).

The United States Civil Service Commission announces an open competitive examination for mechanical engineers, for men only. Present and future vacancies at the Frankford Arsenal, Philadelphia, Pa., at entrance salaries ranging from $3,600 to $2,200 a year, and in positions elsewhere requiring similar qualifications, will be filled from this examination.

Competitors will not be required to report for examination at any place, but will be rated on the following subjects, which will have the relative weights indicated, on a scale of 100: (1) Education and preliminary experience, 40; (2) Responsible experience, 60.

The compensation duties, and minimum requirements for the positions are as follows:

Mechanical Engineer, $3,000 to $3,600 (Artillery Ammunition).

The duties of this position consist in the superintendence of the filling of artillery munition shells, the assembling of fuses, grenades, etc., and the manufacture and utilization of detonators and primers.

The applicant should have had considerable experience in manufacturing plants, be capable of organizing a plant, of handling employees, of providing for the maximum production of a given equipment, and, in general, posses the qualifications of a factory superintendent.

The applicant must be a graduate of a college or university or recognized standing along mechanical, chemical, or electrical lines, and must have had at least two years' experience in a position similar to that described above.

Mechanical Engineer, $2,500 to $3,000 (Experimental Work).

The duties of this position consist in the conduct of experimental work in connection with the development of fuses, primers, grenades, incendiary and illuminating bombs, etc.

The applicant must be a graduate of a college or university of recognized standing along mechanical, chemical, or electrical lines, and must have had at least two years' experience in a position similar to that described above.

Mechanical Engineer, $2,200 to $2,600 (Optical Instruments, Etc.).

The duties of this position consist in the superintendence of the production, and the inspection of optical instruments, particularly gun sights, observing instruments, and range finders.

The applicant should be capable of filling the position of superintendent of plant; have a knowledge of planning and routing work, inspecting same, devising blank forms to meet factory conditions, and the procuring of the appropriate tools, fixtures, and gauges.

The applicant must have had at least a high-school education or four full years of study in a school offering a course equivalent to that of a high school, and have had not less than four years of responsible technical or executive experience in duties similar to those outlined above.

Applicants must have reached their fiftieth birthday on the date of the examination. .

Applications should be filed at the earliest possible date. They will be rated immediately upon receipt and appointments made promptly.

This examination is open to all male citizens of the United States who meet the requirements.

Applicants should at once apply for Form 1312, stating the title of the examination desired, to the Civil Service Commission, Washington, D. C., or the secretary of the United States Civil Service Board, Post Office, Seattle, Wash., or San Francisco, Cal.

STRENGTH OF HOLLOW TILES INVESTIGATED.

WASHINGTON, D. C.—A series of investigations of the strength of hollow tiles as developed in walls of varying thickness has been started at the United States Bureau of Standards by the construction of a number of these walls 5 feet long by 12 feet high. The walls so far constructed are of three thicknesses, 6, 8 and 12 inches. Those already laid up have been set with the tile on end. It is proposed to construct walls of similar size with the tiles placed on their sides. Other variables will enter into the work, and when the investigation is completed about 50 will have been built. Some of these will be tested by direct compression; others by applying a load across the middle of the side with the purpose of determining somewhat the ability of these walls to withstand wind pressure.

The investigation has been undertaken at the request of several manufacturers of this material. Some of the data will be made available for the American Society for Testing Materials, which is now engaged through one of its committees in adopting specifications for hollow building tile.

RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

The Fall River Mills Water Company, of Fall River Mills, Shasta County, has filed with the Railroad Commission an application for authority to increase its water rates to $1 a month minimum for residences and proportionately for other consumers.

The Pacific Improvement Company, which among other things furnishes Castle Crags resort with electricity during the summer months through the California-Oregon Power Company, has filed with the Railroad Commission a complaint against the latter company asking the commission to compel the California company to re establish the service at Castle Crags as it was from 1912 to November last, to complete its present contract with the Pacific Improvement Company, and to continue its service at the same rate that such service is given to the general public in Sacramento River Canyon, and that the cost of such re-establishment be not taken into account as a basis on which charges shall be made. A few days ago the California-Oregon Power Company filed an application with the Railroad Commission asking the commission to establish rates for such service, and also asking the commission to take into consideration that it would cost $1200 to construct a power transmission line to give the Improvement company the service.

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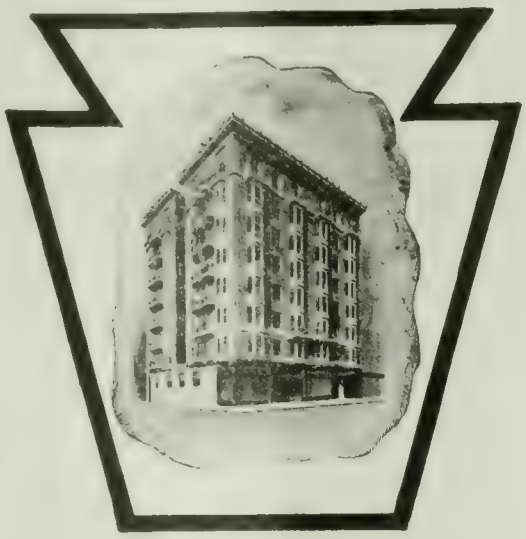
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Now that the awful horror of war has been brought home to us, it is certainly the part of wisdom to prepare for the future so that such a thing can never occur again. And in order that such a thing may not occur it is up to the free democarcies of the world to see to it that the laws of nations as well as the laws for the government of individuals are enforced. And the only way that this can be done is for the free democracies to have the power to enforce them. This can only be done when their citizens and their voters are also citizens and soldiers and capable of enforcing the obligations of solemn treaties.

The average man does not want to go to war. Neither does he want to be murdered. But if he would protect himself he must train to meet the emergencies that may arise.

The Declaration of Independence placed us among the powers of the earth and gave us our "separate and equal station." We can no longer live separate and apart. We must take our part in the making of the history of the world and that part is on the side of law, order and democracy. It is high time for us to prepare to meet any emergency, and when a concert of nations is reached then will our voice be that much more powerful to make the horrors of war impossible.

◆

TO STUDY RUSSIAN INVESTMENT OPPORTUNITIES.

Recent developments in Russia have emphasized the importance of the special study of investment opportunities in that country that has been undertaken by the Bureau of Foreign and Domestic Commerce. The Bureau has already announced the appointment of one representative for this foreign field, and it has now made a second appointment, selecting William A. Russell, of New York, as special agent to share with Augustin W. Ferrin, editor of Moody's Magazine, the important work that is to be done.

The opinion is generally held that Russia will need a great deal of American capital for the development that is sure to come in the near future, but definite information as to the nature of the opportunities now presented has been lacking. Mr. Russell is a native of Petrograd, received his education there, and gained a valuable experience as a consulting engineer in Russia, Siberia, and China before coming to this country. In New York he has been engaged as an advisory engineer and has devoted much of his time to analyzing investment propositions. He will consult with interested American firms before sailing for Russia. Messrs. Ferrin and Russell will travel together on the foreign tour and divide the work.

◆

THE TALE OF THE TUB.

The above is the title of a five reel Industrial Film produced for educational features by the Standard Sanitary Manufacturing Co. of Pittsburgh, Pa., which will be displayed at the Savoy Theatre on McAllister street near Market on Thursday April 26th at 3:30 and 8:15 P. M. Admission by card, which is free for the asking at 149 Bluxome street.

The film, aside from the educational value is full of wit and humor. Every body interested in building should make it a point to see this film.

◆

WAR DEPARTMENT HEADQUARTERS WESTERN DEPARTMENT, S. F.

IMPORTANT NOTICE TO RESERVE OFFICERS, APPLICANTS THEREFOR AND OTHERS SEEKING INFORMATION REGARDING THE MILITARY SERVICE.

Notice has been given from above Headquarters that letters seeking information on military subjects should not be addressed by name to General J. Franklin Bell, who has recently been in command of the Department. He has gone to New York and if mail be addressed to him by name it will have to go to New York and be returned to San Francisco before it can be attended to.

All communications for California, Oregon, Washington, Idaho, Nevada, Utah and Montana, which States are in the Western Department, and, in addition, Arizona and New Mexico, should be addressed to the

COMMANDING GENERAL,
WESTERN DEPARTMENT,
SAN FRANCISCO CAL.

Such an address will bring a prompt reply to any one requesting information or corresponding concerning military matters.

SOUTHERN PACIFIC IN CAMPAIGN FOR FOOD CONSERVATION.

Southern Pacific agents all over the country have been directed to cooperate with State and Federal authorities in enlisting farmers and housewives in the campaign for food conservation and production. Not only is the railroad providing agricultural experts to travel along its lines and lecture to farmers, but station agents and representatives of the Southern Pacific Company have been asked to bring to the attention of those concerned, placards and bulletins which are now being issued by Dean Thomas F. Hunt of the Agricultural Experiment Station of the University of California, and the special committee on Resources and Food Supply appointed by the State Council of Defense.

The Southern Pacific Bulletin which reaches 45,000 employees semi-monthly urges that farmers be advised to plant grain sorghums immediately on any good average soil, and on irrigated soil up to June 25. Details may be obtained from the local Farm Adviser or by writing the University of California, Agricultural College, Berkeley, California.

The same railroad publication also points out the following seven ways in which money is wasted on food, and how to save this waste:

1 The use of needlessly expensive material providing little nutrition, often selected because of appearance. The most economical food is that which supplies the nutriment at the lowest cost.

2. Failure to select rightly according to season.

3 Poor preparation which reduces the food value.

4 A great deal is thrown away that might be used.

5 Ignorance of the proper care of food materials in the home and of preservation methods.

6 Expense of retail delivery to homes, which is often demanded for small orders twice a day, and duplication of delivery routes for the same product.

7 Waste in fuel. Plan menus to conserve it by proper care of stoves, and the use of the gas oven for most of the meal instead of for the meat alone much waste may be eliminated.

OUTLOOK BRIGHT IN ALL LINES.

Mr. White, of White Bros., dealers in hardwood lumber at 5th and Brannan streets, when asked by a representative of the "Builder" for his opinion as to what effect the war would have on business said that the state of uncertainty regarding the entry of this country into the war, disturbed conditions in the Hardwood Lumber business to a slight degree only. The very general healthy condition of business in all lines, which has existed for a considerable length of time, has apparently strengthened the commerce of the country to such an extent that it can withstand what under other circumstances would produce very uncomfortable results. The extraordinary development of our foreign trade has strengthened the financial condition of the country so that we need have no fear of any sudden slump in general business and particularly in the hardwood line. On the contrary the increased activity in preparing our Army and Navy for the war which we have now entered is drawing to a great degree upon the substantial stocks of hardwood in the hands of the Pacific Coast dealers.

The country at the present time is suffering from the worst freight congestion which has ever been experienced. However, the San Francisco hardwood yards in particular are well stocked and there is sufficient hardwood lumber on hand undoubtedly to supply the ordinary wants of the trade until the freight situation clears up. On this point, however, it is difficult to forsee the effects of the mobilization of the country for war, and it is therefore better to provide for hardwood requirements from stocks now on hand at Pacific Coast points, than to depend upon shipments from the East.

The general activity in building throughout the Pacific Coast is remarkable. Factory extensions constitute a great part of this activity, but the building of homes in the cities and towns shows a great increase, due for the most part for the increased earning power of the general workers.

Ocean freights have soared and tonnage is very difficult to obtain. This has had a direct effect on imported woods. Japanese oak as a factor in Pacific Coast trade has disappeared, for the time being at any rate.

The scarcity of tonnage is having a very salutary effect on the ship building industry, both in steel and wood. Wooden ships before the war were gradually being eliminated, but now old yards which were practically dismantled are humming with the sounds of adze and hammer, and new yards are continually being installed. All woods which go into the construction of a wooden ship are in great demand all over the United States and particularly on the Pacific Coast.

Summing up the hardwood situation as it relates to dealers and consumers on this Coast, all conditions point to a period of tremendous activity.

FOREST SERVICE TO INCREASE RANGE.

In co-operation with the Food Supply Committee of the State Council for Defense, the U. S. Forest Service is making plans to stock to their very fullest capacity the National Forest ranges. If the stock can be secured the money raised for necessary trails and water developments, an increase in number on the ranges equivalent to 80,000 head of cattle might be made.

District Forester DuBois and Assistant District Forester Rachford left for the Sierra ranges recently. Their goal is to increase the number of stock on the National Forests by 80,000 head. This will involve joint use of some ranges by several owners, building of stock trails, division fences, and water troughs. It may mean government riders in some cases to help out the small owner who cannot afford to keep a puncher with his few head. It may mean the diversion of some funds the Forest Service had planned to spend for the benefit of the recreation seeker and it will certainly mean the utilization by meat animals of some ranges hitherto reserved for the saddle and pack horses of campers and recreationists. The Forest Service is working right squarely with the State Council of Defense and expects to enlist the hearty support of stockmen and recreation organizations throughout the State.

CONCERNING PREPAREDNESS.

By Chalmer Munday.

The current issue of the Saturday Evening Post contains an article by Irvin S. Cobb upon the world war that every citizen of the United States should read.

It is the personal narrative of an eye witness of the invasion of Belgium, the plain unvarnished tale of a trained observer, the cool, dispassionate story of the events that occurred at the time of the invasion of France. It is the story of a man who has witnessed the awful side of war, and one can gather from his narrative his conclusion as to the only means that such horrors can be prevented.

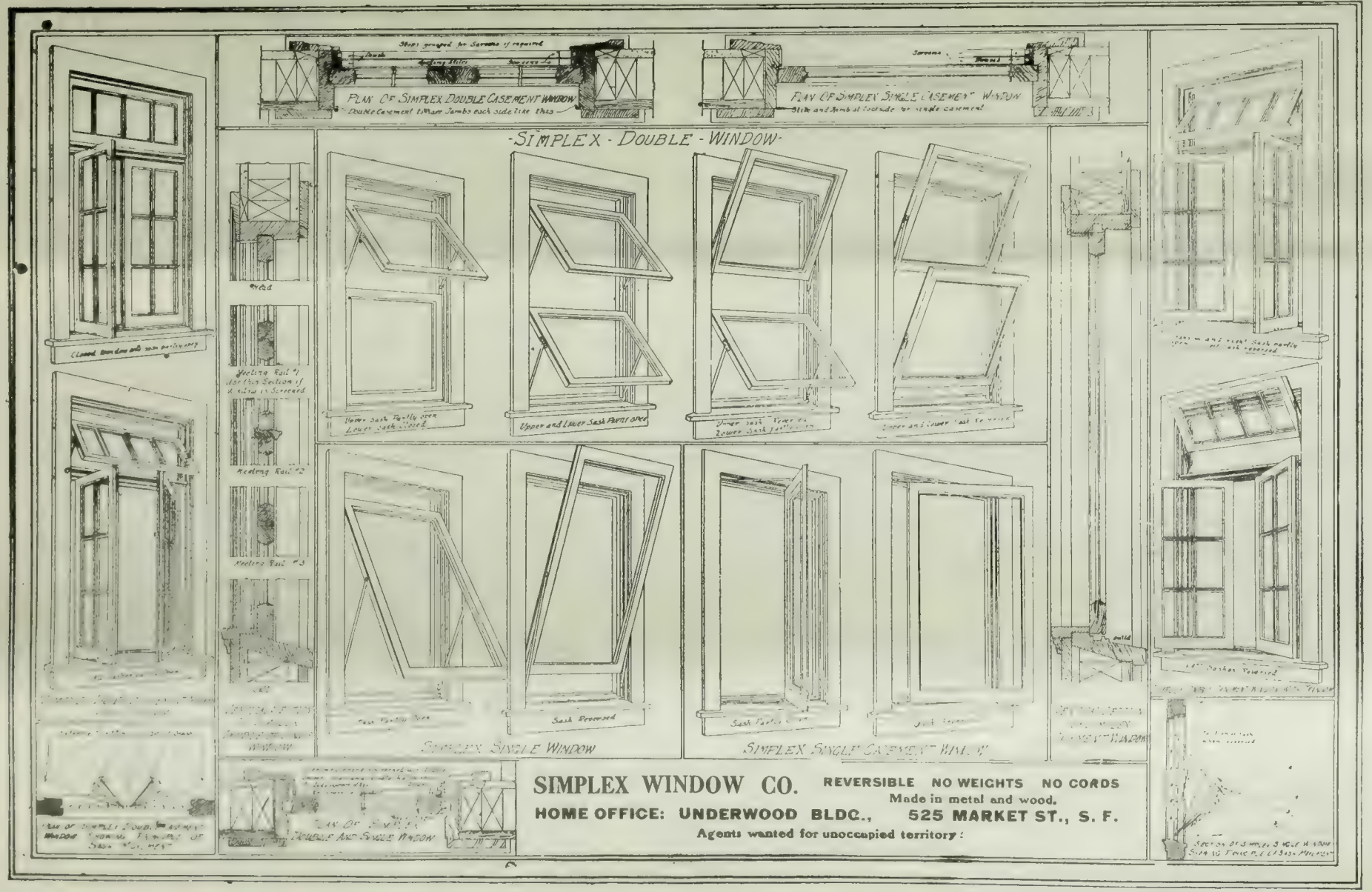
Too many of our congressmen and newspapers are favoring the volunteer system of military training. What delusion possesses them it is hard to understand. And others still advocate universal military service only for the period of this war.

After reading what war is as depicted by Cobb, certainly no sane person would ever want to see it recur. But if a frontier settlement, after seeing its neighbors massacred by a band of savages, refused to arm themselves or take any precaution to prevent the same thing happening to them, one would say that they invited their own destruction, if subsequently their homes were burned and their wives and children murdered.

Certainly trained military men should have something to say as to the best methods of putting the country in a state of defense, as well as women's clubs, corrupt newspapers, and congressmen. And it behooves the citizens generally to weigh well the words of those who speak from personal knowledge and have arrived at their conclusions after a thorough investigation.

Laws that are not enforced are so many idle words. What good is a law against burglary or against murder if those who commit burglary and murder are not punished? If the law is not vindicated then it is worse than a dead letter, it is an object of contempt and the whole superstructure of society will incontinently topple and fall from turret to foundation stone. There must be somewhere a means to enforce the law, both as to individuals and as to nations. And the only way that society or any nation can protect itself is to see to it that it has within itself such means of protection.

Switzerland has often been held up as an example of a democracy that is trained for the defense of its rights as a neutral. Certain it is that it has been able to maintain its position in this crisis, when a violation of its neutrality would certainly have given the central powers a great advantage if they had not figured the cost too high.


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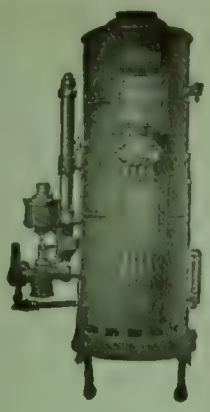
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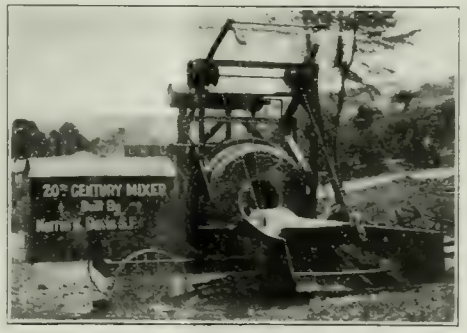
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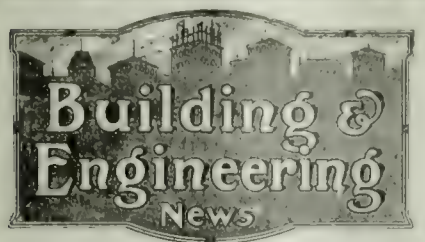
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Issued Weekly, $3.00 per year | San Francisco, Cal. May 9, 1917 | Seventeenth Year, No. 20



Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

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L. A. LARSEN,
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W. D. Manville, News Editor.
J. P. Farrell, Exchange Editor.

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NATIONAL HOO-HOO DAY IN SAN FRANCISCO CONCATENATION. AT THE SAN FRANCISCO COMMERCIAL CLUB.



That California Hoo-Hoo have taken an interest in National Hoo-Hoo day, was evidenced by the concatenation staged at the San Francisco Commercial Club, Merchants' Exchange Building, San Francisco, on April 27th, in accordance with the program outlined, developed and exploited by Julius Seidel, Snark of the Universe, aided and abetted by the strenuous exertion of E. D. Tennant, secretary-treasurer of the order.

At 8:10 P. M. the officers, becomingly gowned, were at their several stations, namely:

Snark, G. A. Buell.
Senior Hoo-Hoo, R. O. Wilson.
Junior Hoo-Hoo, R. A. Hiscox.
Bojum, F. Paramino.
Scrivenoter, R. P. Buell.
Jabberwock, Jere Casey.
Custocatian, Chas. Rose.
Arcanoper, Jas. Smilie.
Gurdon, Oliver Olson.

As permission was granted to enter the pleasant gardens with a retinue of purblind kittens, L. A. Larsen, seated at the piano, manipulated the ivory keys drawing therefrom an inspirational march to the strains of which seven kittens, designated by Monaker as:

John Henry Kruse, Retail Lumber Dealer, San Francisco.

Peter Francis Noonan, P. F. Noonan & Company, San Francisco.

Hewitt Exposition Davenport, President, Pacific Mill & Timber Co., San Francisco.

Robert McKay Gardiner, Salesman, Trower Lumber Co., San Francisco.

Herbert Keeping Pelton, Manager, Milpitas Lumber Co., Milpitas, Cal.

Carroll Likes Foucette, Salesman, E. K. Wood Lumber Co., Oakland, Cal.

Chester Lewellyn Wolcott, Salesman, Booth-Kelly Lumber Co., San Francisco, and led by Jabberwock Jere Casey, of herculean figure and stentorian voice, hot-footed the devious paths until reaching the Snark's throne, they were admonished and started on their tour of enlightening delight.

The ritual was carried out in a most dignified manner and eventually the kittens reached Junior Hoo-Hoo, R. A. Hiscox, whose queries with the resultant replies were a scream and everyone was on tiptoe, in order not to miss a word of the Junior work, which old cats (one so ancient that his Hoo-Hoo name is 210) pronounced the best they had ever witnessed in any concatenation.

At 10:00 o'clock the ceremonies were concluded, the adjoining doors of the main dining room were thrown open, disclosing tables spread with a generous and tasty assortment of cold meat, salads and attendant relishes, with steaming coffee, fragrant chocolate and the necter which Jupiter sipped to wash it down.

After the ragged edge had been taken off from the sundry and various appetites, the Snark read the following telegram, signed by Julius Seidel and E. D. Tennant, respectively, Snark of the Universe and Secretary-Treasurer of the order:

"Greetings from St. Louis Hoo-Hoo. To their loyal brethern of the Golden Gate; with assurance of warm appreciation for your strong devotion and enthusiasm for Hoo-Hoo our order is gaining steadily with National Day an insured success, thereby strengthening our efforts to promote Health, Happiness, Long Life and True Fraternal Co-operation."

As previously announced the guest of honor at the session on the roof, was to be the one securing the largest number of kittens for the occasion; careful computation proved that F. W. Trower has hypnotized four of the class, resulting in an announcement of the fact, the placing of a halo on his classic brow and permission to hunt up five kittens for the next concatenation.

L. A. Larsen sang "My Own United States," in his very best manner and later in the evening again favored his brethern with the pleasure of hearing his magical voice tell why old friends should be remembered, likewise how he would stand pat "Till the Sands of the Desert Grew Cold."

D. A. Wilcox on (Number 210) told how they did things in Texas and Arkansas back in the nineties; J. H. Kruse related some of his early experiences in the lumber business; Ira Smith told some parlor stories; Rod Hendrickson related an embarrassing situation in the checkered career of R. A. Hiscox; Judge Hartman established an alibi relative to self and partner operating a blind pig, likewise mentioned some things happening to some Irish citizens of his bailiwick; Frank Paramino, in the choicest of Italian dialect, gave the history of a prize fight, while betwixt and between, the diners dined, the musickers musicked and things kept right on happening until sundry commuters anxiuosly consulted their watches, when the band played "Dixie" merging into "The Star Spangled Banner," with all hands singing and then the good old Hoo-Hoo yell, bringing to a happy climax, a most pleasing and enjoyable concatenation.

FOREST SERVICE CALLS FOR CLERICAL HELP.

SAN FRANCISCO, April 26. The U. S. Forest Service in California is experiencing great difficulty in securing clerical help, according to a statement given out at the District Office today. Men to fill clerical positions in several of the Forest Supervisors' offices in California are badly wanted, and there are excellent opportunities for young men in this work, according to the local officials. The entrance salary is now approximately $1,000 per annum with good chances for advancement for men of ability.

The office men of the Forest Service have certain advantages over the rangers and field men. Although not called upon to do the arduous work that often falls to the lot of the rangers, the stenographers and clerks are given opportunities to get into the mountains during the summer months and in times of emergency are often detailed to make trips of inspection, to fight forest fires, and perform other field work.

Positions in the Forest Service are all under the classified Civil Service, which means permanency of employment and absence of favoritism in any form. Examinations for stenographers are held frequently in all the cities and larger towns throughout California and Nevada, under direction of the Secretary of the Civil Service Commission, Post Office Building, San Francisco, who will gladly supply information and application blanks. The next examination is to be held May 12th.

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, W. F. Perkins and J. C. McKinstry. Location, northeast Post and Polk streets, covering an area of 80 by 120 feet. First floor will probably contain stores. Plans to be prepared.

VALLEJO, SOLANO CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, O. R. Thayer, 443 Georgia street, Vallejo. Owner, Conrad Rump, Acme Garage, Garage, Vallejo. Location, Capitol and Napa streets. Will contain one, seven-room and three smaller apartments.. Plans complete and bids to be taken shortly.

OAKLAND, CAL.—Apartment house, 3 story and base, brick veneer, $26,000. Architect, M. L. Newsom, 1748 Broadway, Oakland. Owner, A. Werum. Location, 35th avenue and Foothill Boulevard. Will contain three stores on the ground floor and a total of 21 apartments of three rooms each on the upper floors. Plans are being prepared. .

LOS ANGELES, CAL.—Apartment house, 2 story and base. Class C construction. Cost not stated. Architect, E. C. Wiseman, Title Guarantee Bldg., L. A. Owner, Frank E. Ruben. Location, Lake street near 11th, covering an area of 60 by 115 feet. Will contain 36 rooms arranged in suites of two and three rooms. Plans complete and subfigures being taken.

LOS ANGELES, CAL.—Apartment house, 4 story and base. Class C construction, $125,000. Architects, Tifal Bros., Black Bldg., L. A. Owners, Tifal Bros. Location, 4533 Hollywood Boulevard, covering an area of 70 by 204 feet. Will contain 58 apartments of two and three rooms. Plans are complete and work will be let under subcontracts.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house and stores, 3 story and base, brick. Cost not stated. Architects, Sala & Mayo, Commercial and Savings Bank Bldg., Stockton. Owners, Dentone and Porcini. Location, Sierra Nevada and Weber streets. Will contain stores and a number of two and three room apartments. Plans complete and figures being taken.

Contract Awarded.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, $25,000. Architect, L. F. Hyde, 2745 26th avenue, Oakland. Owner, F. Sinclair. Location, Staten avenue near Grand avenue. Contractor, E. T. Forbes, 2828 Stuart street, Berkeley. Contract price, $25,000. Note—Contractor is now taking subfigures.

SAN FRANCISCO — Apartment house, 6 story and base. Class B reinforced concrete, $150,000. Architects, Rousseau & Rousseau, 110 Sutter stret, S. F. Owner, Mr. Brandt. Location, northwest Sutter and Octavia, covering an area of 120 by 120 feet. Will contain a number of large residential apartments. Plans complete and figures being taken.

OAKLAND, CAL—Apartment house, 2 story and base, frame. Cost not stated. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, J. S. Myers. Location, east Harrison south 24th. Will contain apartments of three and four rooms. Plans complete and figures being taken.

BANKS.

FRESNO, FRESNO CO., CAL—Bank and offices, 8 story and base. Class A construction, $300,000. Architect, R. F. Felchlin, Rowell Bldg., Fresno. Owners, Bank of Italy. Location, Tulare and J streets, covering an area of 50 by 100 feet. Will contain 91 offices besides the bank. Contractor, R. F. Felchlin. Work to be started about June 1st. The sum of $30,000 is allowed for bank fixtures and equipment.

PALO ALTO, SANTA CLARA CO., CAL.—Bank, 1 story and base, reinforced concrete, $50,000. Architects, Tantau & Branner, Clunie Bldg., S. F. Owners, Bank of Palo Alto. Location, University avenue and The Circle, covering an area of 60 by 80 feet. Exterior faced with terra cotta. Plans ready for figures in about two weeks.

BONDS.

TURLOCK, STANISLAUS CO., CAL.—Bids will be received by H. Benson, Clerk of the Board of Supervisors, up to May 15th, for the purchase of the $65,000 bond issue of the Turlock High School Diistrict. Proceeds will finance the construction of a new high school.

OAKLAND, CAL.—The Board of Supervisors has tentatively set August 14th at the date for the $2,000,000 bond election for a new county hospital and the county's share of the proposed bascule bridge to connect Oakland and Alameda at the foot of Webster street. The proposed bond issue provides $500,000, the county's share in the construction of the bascule bridge; $1,000,000 for a new county hospital, and $500,000 for improvement to the present county infirmary. It is proposed to have a fourth proposition on the ballot, which will allow the voters to decide whether or not they want the new hospital located in Oakland.

ANDERSON, SHASTA CO., CAL.—An election will be held May 26th to vote bonds of $40,000 for the erection of a new school for the Anderson Union High School District.

RIVERSIDE, RIVERSIDE CO., CAL.—Bonds of $43,000 for the Palo Verde Valley Union High School District will be sold by the County Supervisors on May 9th. The proceeds of the sale will finance the construction of a new school building.

RAYMOND, Wash.—An election will be held May 5th to vote bonds for $11,000 for the improvement and extension of the local municipal water system, including a reservoir.

BREMERTON, Wash.—The Kitsap County Commissioners have been requested to present to the voters a proposition to issue bonds in the sum of $300,000 for the construction of a trunk highway through the county from this city.
(15666 and 15667)

OAKLAND, Alameda Co., Cal.—The contract between the Southern Pacific Company and Alameda County for the joint construcaion of a bascule bridge from Fifth and Webster across the estuary, has been filed with County Clerk George Gross. The agreement is now in effect and a bond election will be called as soon as possible, probably August 8, for raising the $500,000 for the county's share of the cost of construction
(15672)

UPLAND, San Bernardino Co., Cal.—An election will be held June 5, to vote on an issue of bonds in the sum of $24,000, to provide funds for the construction of an outfall sewer system. The work will be done under the Vroman Act.

HAYWARD, ALAMEDA CO., CAL.—A resolution of intention has been adopted by the Trustees to build a new town hall costing $25,000. The funds will be raised through a bond election to be held in the future.

FLORENCE, Ariz.—The $150,000 county road bond issue was carried at the recent election. W. W. Lane is the County Engineer for Pinal county.
(15734)

ALTURAS, Modoc Co., Cal.—Preparations are being made to call a bond issue to vote $300,000 to finance the building of a permanent highway system. J. W. Cummings, a member of the Board of Supervisors, is taking an active part in the proceedings.

RICHMOND, Contra Costa Co., Cal.—An election will be called shortly by the City Council to decide the question of issuing and selling bonds of $125,000 with which to provide funds for the construction of a storm and sanitary sewer to be installed in Tenth street. H. B. Chapman is City Engineer.

EL CENTRO—The petition to call a bond election to vote on an issue of $2,500 000 for improvements to the canal system of the Imperial Irrigation District, has received approximately the required number of signatures, and a date for the election will probably be set very soon.

HOLBROOK, Ariz.—The $160,000 road bond issue in Navajo County carried at the election held recently.
(15824, 15825 and 15827)

BRIDGES AND DAMS.

SAN FRANCISCO—Pier construction, pile and concrete, $200,000. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. All bids received on April 27th for the reconstruction of Pier No. 46 have been rejected. New bids will be called.

Contract Awarded.

SAN FRANCISCO Wharf construction, $60,680. Engineer, Chief Engineer White, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., 9 Main street, S. F. Contract price, $60,680.

HOLLISTER, San Benito Co., Cal.—The County Supervisors have ordered bids received for the construction of a concrete bridge on the McAbee place, in the canyon on the Rocks Road beyond San Juan.

SEATTLE, Wash.—J. A. McEachern Co., Inc., Bell Street Dock, Seattle, submitted the lowest bid to the City Council for the construction of the West Spokane street Bridge at $61,-606 and it is probable that they will be awarded the contract.
(13793) 1st report Feb. 5; 2nd Apr.

SPOKANE, Wash.—Plans have been completed by Morton Macartney for the construction of a new two steel truss bridge over the Spokane river at Post street to cost from $260,000 to $300,000 to replace the structure which recently collapsed and has submitted his designs to the city council for approval.

SPOKANE, Wash.—County Engineer Allan R. Scott is preparing plans for a bridge across the Spokane River at the point opposite Liberty Lake Junction. The structure will be 400 feet long and will cost about $30,000.

RIVERSIDE, Riverside Co., Cal.—The City Council is considering plans presented by two engineers for the proposd Victoria bridge. Edward T. Flaherty, Central Building, Los Angeles, submitted plans for several styles of concrete structures. He estimates the cost at about $50,000, and would have plans ready for bids in about two months. J. A. Sourwine, engineer for the bridge across the Colorado river at Needles, presented plans for a wide-arch bridge similar to the Colorado bridge, to be built of concrete instead of steel. The span of the proposed bridge according to his design would be 240 feet. Definite action will be taken on May 15.

Contract Awarded.

HOLLISTER, San Benito Co., Cal.—The County Supervisors have awarded a contract to the Granite Rock Co., Salinas, Cal., for surfacing the Bird Creek, the Tres Pinos and the Pacheco Creek bridges on their bid of $1,170.

SAN DIEGO, San Diego Co. Cal.—Bent Bros., 825 Central Bldg. , Los Angeles, submitted the lowest bids and were awarded the contracts to construct dams at Del Mar and San Dieguito, San Diego County. and for a concrete conduit to connect same. The work will involve the following quantities: five miles of 4-ft. concrete flume, 1450 ft. galvanized iron metal flume, 42-in. reinforced concrete pipe, reinforcing steel, and between 20,000 and 30,000 cubic yards of reinforced concrete reservoir and dam work. The bids in detail were: Bent Bros.: Carroll dam, (a) multiple dam, $141,230, (b) single dam, $139,810; San Dieguito dam, (o) Multible dam, $29,036; (e) Multible dam, alternate bid, $37,100. Carroll conduit, $91,696. Duncanson & Harrelson, (a) $169,815; (b) $151,-252; (c) rock fill dam, $351,037; (d) $35,505; (e) $48,790; conduit, $87,487. Sharp & Fellows, (a) $182,315; (b) $299,428; (c) $486,790; (d) $29,875; (e) $44,485; conduit —. J. E. Engebertson, (a) $256,780; (c) $397,285.

SEATTLE, Wash.—C. Geske & Co., Pacific Block, Seattle, has been awarded the contract for the construction of a 1700-foot pile trestle across the north end of Lake Washington on their bid of $15,188.

CHURCHES.

LIVERMORE, ALAMEDA CO., CAL.—Church, 2 story and base, reinforced concrete, $35,000. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owners, Roman Catholic Archbishop of San Francisco. Will contain a large main auditorium, Sunday school rooms and social hall. Plans have been revised and new figures will be called for in about a week or ten days.

BURLINGAME, SAN MATEO CO., CAL.—Church hall, 1 story, frame, $8,-000. Architect, C. E. McCrea, First National Bank Bldg., Oakland. Owner, Roman Catholic Archbishop of San Francisco. Designed for a social hall. Plans are being prepared.

BAKERSFIELD, KERN CO., CAL.—Church, 1 story and base, brick and hollow tile. Cost not stated. Architect, George E. Wilson, Bakersfield. Owners, Congregational Church. Will contain main auditorium with a balcony, Sunday school rooms and social hall. Plans are nearly complete and figures will be called for at once.

BRAWLEY, IMPERIAL CO., CAL.—Church, 1 story and base, frame, $10,-000. Architects, Don Wells and M. Warne, El Centro. Owners, Presbyterian Church. Location, Main and Third streets. Will contain auditorium, Sunday school rooms, sociial hall and gymnasium. Plans are being prepared. S. H. Thompson is chairman of the building committee.

COURT HOUSES.

CARSON CITY, NEV. — Marble floors and wainscot, $6,000. Architect, F. J. De Longchamp, Nixon Bldg., Owners, State of Nevada. Bids will be opened on June 5th at 12 noon for furnishing and installing marble floors and wainscot in the corridors of the State Capitol.

EXHIBIT BUILDING.

NORTH YAKIMA, WASH.—Exhibit building and grand stand, frame, $20,-000. Architect, W. W. Veaux, North Yakima. Owners, State of Washington. Will be erected on the State Fair Grounds and contain a large room for display purposes and a grand stand. Plans are being prepared.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO Factory, 3 story and base, reinforced concrete. Cost not stated. Architect, Milton Lichenstein, 111 Ellis street, S. F. Owners, S. and G Gump. Location, southwest Pacific and Trenton streets, covering an area of 56 by 137½ feet. Designed to carry five stories. Plans complete and figures being taken.

CROCKETT, CONTRA COSTA CO., CAL.—Sugar refinery additions, 6, 5, 7 and 9 story and base. Class A construction, $3,000,000. Architect, William H. Crim, Jr., 425 Kearny street, S. F. Owners, California-Hawaii Sugar Refifinery. A warehouse and char house, each nine stories, are included in the first unit to be erected. Refinery buildings and warehouses of from 5 to 7 stories will follow. Construction will be of reinforced concrete, brick and steel. Bids will be called for shortly for the warehouse and char building. Further mention will be made of the work.

SAN JOSE, SANTA CLARA CO., CAL.—Packing house, 1 story, reinforced concrete. Cost not stated. Engineer, Phillip Bush, 120 Market St., S. F. Owners, California Packing Corporation. Will cover a ground area of 100 by 200 feet. Metal window sash and frames. Plans to go out for figures in about one week.

SAN FRANCISCO—Warehouse, 5 story and base reinforced concrete. Cost not stated. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name withheld. Location, Fifth St., covering an area of 70 by 80 by 120 feet. Plans complete and figures to be called for in about a month.

SACRAMENTO, CAL.—Warehouse, 1 story, frame, $2,600. Architect, none. Owners, E. Clemens Horst Co. Location, Southern Pacific near Hopper Station. Plans complete and work to be done by Day Labor.

ATASCADERO, SAN LUIS OBISPO CO., CAL.—Printing office, 2 story and base, reinforced concrete. Cost not stated. Architect, none. Owner's Lewis's Atcasdero Colony. Will cover an area of 60 by 100 feet. Plans complete and work to be done Day Labor under the direction of John Tenneson.

HUENEME, VENTURA CO., CAL.—Cannery and jetties. Cost as follows. Architect, Paul C. Pape, Consolidated Realty Bldg., L. A. The McCroskey Packing Company of Wilmington is planning to erect a general cannery at Hueneme, which will cost approximately $250,000, including dredging and the construction of jetties. Two jetties are 1200-foot and one 800-foot long, and will be constructed at the entrance to a slough which will be dredged out to form an inner harbor. F. D. McCroskey is president of the company, and F. J. Cooper is superintendent of construction, and A. L. Sandrigger is engineer. Plans for the first unit, which will be 50 by 150 feet in size, of cement and concrete construction, have been prepared.

GLEED, WASH. — Cold storage warehouse, 2 story and base, hollow tile, $40,000. Architect, W. W. de Veaux, North Yakima. Owner, Naches Cold Storage Co. The plant, which will be the most modern cold storage plant in the district, will cover a considerable ground area. Besides the plant the building will contain offices

Special machinery will be installed. Plans are complete.

NORTH YAKIMA, WASH.—Packing and shipping plant, 1 story and base, frame, $10,000. Architect, W. W. de Veaux, North Yakima. Owners, H. M. Gilbert. Will cover a considerable ground area. Plans are being prepared.

SEATTLE, WASH.—Paper mill group of mill constructed buildings. Cost not stated. Engineer's name not given. H. O. Pond, of New York City, has asked the Utilities Committee of the City Council that action be taken by the city formally notifying the district forester at Portland, that the city has no intention of filing on or developing the Sultan River power project. The city of Seattle has first claim on this site but has announced its intention of giving it up and such formal notice to the district forester would leave the way open for action by the Sound Paper Co., represented by Mr. Pond, to file for power rights. It is the intention of the company to develop the Sultan project for power purposes to operate a paper mill to cost eventually $12,000,000, which includes the construction of a power plant, paper mills, and a logging railroad, together with saw mills, etc. The company has secured options on timber which would give it 400,000 feet of timber per day. Scott Calhoun former city corporation counsel, and S. P. Weston of Seattle the the Seattle men interested in the project. The Sultan basin lies in the government reserve in Snohomish County.

FRESNO, FRESNO CO., CAL.—Cannery, 1 story, frame, $12,000. Architect, none. Owners, Western Meat Co., 744 P street, Fresno. Has been designed for a cannery and poultry building. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Packing house, 1 story, frame, $10,000. Architect, none. Owners, Guggenhime & Co., Fresno. Location, Santa Fe tracks, covering an area of 60 by 100 feet. Plans complete and work to be done by Day Labor.

VERNON, LOS ANGELES CO., CAL.—Factory, 1 story, brick. Cost not stated. Architect, W. J. Saunders, Laughlin Bldg., L. A. Owners, Factory Site Co. Will cover an area of 150 by 197 feet. Plans complete and subfigures being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Factory, 2 story and base, brick, $10,000. Architect, Joseph Losekann, San Joaquin Bldg., Stockton. Owners, Gloria Ice Cream Co. Location, Oak and Aurora streets. Will contain office, factory and shipping room. Special ice making machinery not included. Plans complete and work to be done by Day Labor.

Contract Awarded.

...GLENDALE, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile, $40,000. Architects, Jeffery & Schafer, Van Nuys Bldg., L. A. Owner, Charles H. Allison. Contractor, Griffith Condron, 428 Lewis St., L. A. Contract price, $40,000. Will contain fifteen rooms and five baths.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Fire house, 1 story and base, brick. Cost not stated. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Location, 25th and Vermont streets, covering an area of 75 by 100 feet. Plans complete and bids to be called for at once.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000 each. Architect, none. Owner, S. Traverso, 407 Lombard street, S. F. Location, south Lombard west Grant avenue, covering an area of 40 by 90 feet. Will contain two flats of five rooms each. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, $5,000. Architect, none. Owner, C. A. Hall, 1318 5th avenue, S. F. Location, southwest 4th avenue and Irving street. Will contain two flats of five rooms and six rooms. Plans are complete and work will be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete, $25,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name withheld. Location, Spencer street, between 15th and 16th streets, covering an area of 100 by 170 feet. Steel roof trusses. Plans complete and ready for figures.

OAKLAND, CAL.—Garage, 1 story and base, brick, $6,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, Hugo A. Abrahamson. Location, 26th and Broadway. Designed for a commercial garage. Plans are being prepared.

Contract Awarded.

OAKLAND, CAL.—Auto sales rooms, 1 story and base, reinforced concrete, $80,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owners, Eisenbach Co. Contractors: P. Hurley, 578 Elizabeth street, S. F., excavating, plain and reinforced concrete; Hogberg & Ludwig, 180 Jessie street, S. F., brick work; Higginson Co., Humboldt Bank Bldg., S. F., carpentry work; Cantley Roofing Co., 1370 Green street, S. F. roofing; Guilfoy Cornice Works, 209 8th street, S. F., sheet metal work; Brouillet Electric Co., 492 Castro street, S. F., electric work; Morris Gibles, 2116 Fillmore stret, S. F., plumbing; Peerless Heating Co., heating.

PORTLAND, ORE.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architects, Mac Naughton & Raymond, Title & Trust Bldg., Portland. Owner's name not given. Contractor, E. Gudhard, Portland. Contract price not stated.

PORTLAND, ORE. — Garage and sales rooms, 4 story and base, brick and steel. Cost not stated. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Frazier & Mc Lean. Contractors, Parker & Banfield, Portland. Contract price not stated.

SAN FRANCISCO—Garage, 1 story and base. Class C construction, $16,000. Architects, Weeks & Day, Phelan Bldg., S. F. Owners, McCreary Estate. Location, Brannan between 4th and 5th streets, covering an area of 75 by 160 feet. Plans complete and figures being taken.

OAKLAND, CAL. Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, C. W. Owen. Location, 30th and Broadway. Designed for a commercial garage and sales rooms. Plans complete and figures being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage alteration, 1 story, brick. Cost not stated. Architect, none. Owner, C. A. Eldrudge, Poplar and Center streets, Stockton. Location, Market street opposite Record Building. At present the building is arranged for offices. Plans for the alterations are being made and figures will be called for shortly.

STOCKTON, SAN JOAQUIN CO., CAL.—Garage alteration, 1 story, frame, $3,500. Architect, W. B. Thomas, Yosemite Bldg., Stockton. Owners, Sunset Carriage Works. Location, Channel and American streets, covering an area of 50 by 120 feet. Plans complete and work to be done by Day Labor.

GOVERNMENT WORK & SUPPLIES.

San Francisco Circular No. 236.

The following bids were received by depot quartermaster, San Francisco, Cal., on circular No. 236:

Bid 1. The Crocker National Fire Prevention Engineering Co., 1270 Broadway, New York City.

2. Pacific Hardware and Steel Co., 7th and Townsend streets, San Francisco, Cal.

3. Pacific Fire Extinguisher Co., 507 Montgomery street, San Francisco, Cal.

4. Gorham Fire Apparatus Co., Lt., 127 Mission street, San Francisco, Cal.

5. Pyrene Mfg. Co., 76 First street, San Francisco, Cal.

6. H. W. Johns-Manville Co., of California, N. W. corner 2nd and Howard streets, San Francisco, Cal.

Item 1. 1,000 extinguishers, fire, hand, Q. M. Corps, general specifications and addenda No. 1, April 13, for 2,000—Bid 1, 1,000 only, $8.64 ea, f. o. b. factory, Buffalo, N. Y.; 3, 3,000, $15; 4, "Fyr Fyter," $4.88, f. o. b. Fort Mason; $4.65, f. o. b. New York city; bid 5, pyrene, $5.33 1-3, f. o. b. Fort Mason; 6, "Johns-Manville," $6.40.

Las Cruces, N. M., Post Office.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction complete of the U. S. post office at Las Cruces, N. M.:

George Hinchliff Co., Security Building Chicago, Ill., limestone, $109,000.

C. E. Goodhand, Ord, Neb., limestone,, $97,100.

W. D. Lovell, Minneapolis, Minn., limestone, $90,600.

William O'Neil & Sons Co., Faribault, Minn., limestone, $92,955.

Eugene Schuler, Pasadena, Cal., limestone, $107,745; sandstone, $108,-745.

Latimer & Benning, Kansas City, Mo., limestone, $88,743.

San Francisco, Cal., Miscellaneous Repairs, Etc.

The contract for installing additional ventilation and miscellaneous repairs in the U. S. custom house at San Francisco, Cal., was awarded to

Thomas F. Dowd, Oakland, Cal., at $1,157.

Keyport, Wash., Magazine Building.

The following bids were received by the chief of bureau of yards and docks, Navy Department, Washington, D. C., for constructing a magazine for war heads at the torpedo station, Keyport, Wash.:

Item 1, work complete; 2, add to item 1, if interior walls are stuccoed.

Germunn Gahl, 646 47th avenue, Seattle, Wash., item 1, $4,470, 40 days; 2, $125, 5 days additional.

Harding F. Allan, 1007 American Bank Bldg., Seattle, Wash., item 1, $4,713, 60 days; 2, add $210, 10 days additional.

Pohl Construction Co., 3406 37th street, Seattle, Wash., item 1, $3,726, 60 days; $3,886, 60 days.

Booker Kiehl, 507 Central Bldg., Seattle, Wash., item 1, $3,664, 120 days; 2, $190, 120 days.

Sound Construction and Engineering Co., 72 Union street, Seattle, Wash., item 1, $4,345, 60 days; 2, $206, 5 days.

John Galven, 1616 Mutual Life Bldg., Seattle, Wash., item 1, $3,587, 60 days; 2, $3,667, 60 days.

FORT MACARTHUR, LOS ANGELES CO., CAL. — Heating systems. Cost not stated. Engineer, Constructing Quartermaster, 1206 Pacific avenue, San Pedro. Owners, United States Government. Bids will be opened on June 1st for furnishing gas fired heating systems in a number of new buildings.

HALLS AND SOCIETY BUILDINGS.

SULVER CITY, LOS ANGELES CO., CAL.—Tennis and Golf Club, 2 story and base, frame. Cost not stated. Architect, A. S. Heineman, San Fernando Bldg., L. A. Owners, Culver City Country Club. Will be ertced on a 105-acre tract and contain club rooms, showers, banquet hall and assembly hall. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Tennis Club, 1 and 2 story, frame. Cost not stated. Construction Manager, Frederick Whitton, 251 Kearny street, S. F. Owners, Berkeley Tennis Club. Location, Domingo avenue and Tunnel Road. A contract for grading and concrete work in ten courts has already been awarded to H. E. Franks, 2709 McGee avenue, Berkeley, for $10,375. Bids for the club building will be called for shortly.

YREKA, SISKIYOU CO., CAL. — Lodge hall, 2 story and base, reinforced concrete, $40,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Yreka Masonic Hall Association. Will cover an area of 75 by 100 feet and contain stores on the first floor. Only preliminary plans have been prepared.

HOSPITALS.

SAN FRANCISCO—Hospital lighting fixtures, $600. Architect, August G. Headman, Call-Post Bldg., S. F. Owners, City and County of San Francisco. Bids will be called for shortly by the Board of Public Works for installing lighting fixtures in the pathological ward.

OAKLAND, CAL. — Hospital 2 story and base, reinforced concrete and frame. Cost not stated. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Alameda County. This construction will complete the group of tubercular buildings. Plans are being prepared.

MARYSVILLE, YUBA CO., CAL. Hospital, 2 story and base, frame, $25,000. Architects, Ward and Blohme, Alaska-Commercial Bldg., S. F. Owner, Mrs. Riedout. Will contain both wards and private rooms, operating room and office. Plans are being prepared.

SALEM, ORE.—Hospital ward, 2 story and base, reinforced concrete, $57,642. Architect, Edgar M. Lazarus, Portland. Owners, State of Oregon. George Isaakson, Salem, submitted the lowest bid for this work. The work ran in excess of the amount available and bids will be readvertised.

ROSEBURG, ORE.—Hospital ward, 1 story, brick and concrete, $24,126. Architect, Lewis I. Thompson, Central Bldg., Portland. Owners, State of Oregon. The lowest bid submitted for this building, that of John Almeter of Portland, has been rejected. Plans will be revised and new figures called.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architect, C.. H. Skidmore, Call-Post Bldg., S. F. Owner's name withheld. Location, Howard street near Fourth, covering an area of 30 by 100 feet. Will contain 80 rooms and a number of baths. Plans complete and ready for figures about June 1st.

BERKELEY, ALAMEDA CO., CAL.—Hotel and stores, 3 story and base, reinforced concrete, $40,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Williamson and Mason. Location, southwest University and Shattuck, covering an area of 50 by 100 feet. Will contain two stores and 40 rooms. Plans are being prepared

Contract Awarded.

LOS ANGELES, CAL—Hotel, 3 story and base, brick. Cost not stated. Architect, none. Owners, Harbolt Hotel Corporation. Contractors, Hetzel-Winget Co., California Bldg., L. A. Contract price not stated.

IRRIGATION PROJECTS.

IMPERIAL, Imperial Co., Cal.—The Imperial Valley Irrigation District is planning to raise the levee at Volcano Lake and expend about $250,000 for protection work along the Colorado river.

D. F. Foley of Pattiway has applied for permission to appropriate five miner's inches of the waters of Harvey Canyon tributary to Cuyoma river in Ventura county for agricultural purposes. The main works consist of a pipe line 10,070 feet in length from point of diversion to place where water is to be used.

Charles W. Landis of San Francisco has applied for permission to appropriate 3000 cubic feet per second of the waters of the Mokelumne river for irrigation purposes. The point of diversion is given as [illegible] of Rancha Plana, dam 85 feet high 1400 feet long on top and 1200 feet at the bottom of reinforced multiple arch type capable of forming a reservoir with a capacity of 20,000 acre feet storage, located on the Rancho Arroyo Seco. The cost of the proposed works is given at $600,000 and the number of acres to be watered as 150,000. Sixty days have been asked in which to file maps. The present application is a substitute for one which was filed some time ago in which the storage, the number of acres to be irrigated and the cost were less.

SAN BERNARDINO, Cal. The petition of the property owners on the west side of the Mojave river and Victor Valley district to form an irrigation district for the reclamation of 100,000 acres of land, will be presented to the Board of Supervisors on May 21. Frank M. Walton heads the project which includes the construction of dams in the east fork of the river, for which bonds will be voted. The west siders have an option on the $2,500,000 properties of the Arrowhead Reservoir and Power Company in Little Bear Valley.

LIBRARIES.

SAN FRANCISCO—Library shelving, $5,000. Architect, none. Owners, Mechanics' Libirary, Secretary, John H. Woods, Mechanics' Institute Bldg., S. F. Secretary Wood is now taking figures for a large amount of metal library shelving.

POST OFFICES.

CODY, WYOMING—Post office, 1 story and base, reinforced concrete and brick. Cost not stated. Architect, Supervising Architect James A. Wetmore, Washington, D. C. Owners, United States Government. Bids for this building will be opened on June 1st at 3 p. m. Plans can be secured from the office of the Supervising Architect or the custodian of the site at Cody.

POWER PLANTS.

VALLEJO, Solano Co., Cal.—Mayor James Rooney and Commissioner of Public Works Edward J. Blanco have made a tour of the Green and White Horse Valleys, with regard to the building of a reservoir for a larger water supply for Vallejo.

HANFORD, Kings Co., Cal.—The City Council has received a bid from the Water Works Supply Co. of Los Angeles offering to furnish gate valves to be used in connection with the fire main extensions..

The prices made were $11.50 for 4-inch valves and $20 for 6-inch. No instructions to place an order was given to the clerk as the prices made are guaranteed until the Board is ready to buy.

SANTA BARBARA, Santa Barbara Co., Cal.—Improvements amounting to $20,000 are planned for the water system of the Elwood ranch. F. H. Green of New York, is owner of the property. He will move to Santa Barbara immediately to manage the ranch

The Western States Gas & Electric Company of Stockton has filed an application asking permission to appropriate 5000 acre feet from Medley Lake and 7000 acre feet from Echo Lake, both in Eldorado county and 8000 acre feet from Twin Lakes in Alpine county for the purpose of developing 2500 theoretical horse-power at the existing plant of the American River Electric Company for a period of seven months in the year. There is a proposed main ditch 7.3 miles long and at Medley lake there is a series of three small dams for raising the water level. At Echo Lake it is proposed to drive a tunnel to draw the level of the lake forty feet below the natural outlet, said tunnel to be 5x6½ feet in cross-section and 2600 feet long. The total fall to be utilized is 610 feet from dam to water-wheel nozzle, the water to be returned to the south fork of the American river after use. The application states that the water is for the generation of electricity for power, light and general commercial purposes including agricultural, which in this instance would mean for pumping plants. An extension of time has been asked in which to file the necessary maps.

Contract Awarded.

HANFORD, Kings Co., Cal.—The Hanford Manufacturing Co., Hanford, has been awarded the contract for furnishing not less than 50 or more than 65 standard double hydrants for use in the fire main extensions now under construction in this city.

SEATTLE, Wash.—The contracts for the furnishing and installation of the equipment for the addition to the city auxiliary steam power plant on Lake Union has been awarded by Superintendent of Lighting J. D. Ross to the C. C. Moore Co., Mutual Life Bldg., Seattle, on its bid of $219,000. The company will also take bonds in payment.

(13745)) 1st report Feb. 1; 2d Apr.

RAILROAD CONSTRUCTION AND EQUIPMENT

SEATTLE, Wash.—The following were bidders for furnishing supplies for the construction of the Federal Railroad in Alaska, under Circular No. 262:

A—Bar Iron B—Bolts.
Pacific Coast Steel Co., (a) $15,192.
Northwestern Steel Co. (b) $18,126.
SPIKES
U. S. Steel Products Co., $3,230.
A—Cast Washers; B—Cast Separators.
Peninsular Iron Works (a) $13,391.
Seattle Car & Foundry Co., (b) $1210
A—Castings; B—Tension Rods.
Peninsula Iron Works (a) $40,459.
Oliver Iron & Steel Co (b) $35,729.
CHANNELS
Northwest Steel Co., $6,664.
TIE PLATES (under Circular No. 267)
Seattle Car & Foundry Co, $21,743.
A—Frogs; B—Switch Stands; C—Switch Stands
Seattle Car & Foundry Co. (a)$4,906.
Seattle Car & Foundry Co. (b)$1,080
Seattle Car & Foundry Co (c)$1,584
(15138) 1st report Apr. 9, 1917.

SAN FRANCISCO—Two bids were received by the San Francisco Board of Public Works for furnishing wood ties for the Church street railroad, these being the Caspar Lumber Co. and A. F. Mahoney Lumber Co.

Mahoney submitted the lowest bid, but claiming a mistake, the Board rejected both bids and new bids will be opened Friday, May 4th, 1917.

The San Francisco Board of Public Works will receive bids up to May 11th for furnishing electrical conductors for use in the Church Street Municipal Railway.

Plans may be had from the City Engineer's office, 3rd Floor City Hall.

San Francisco, Napa and Calistago Electric Railway Company will shortly order the expenditure of a large sum to improve its roadbed in Sonoma street. It is the intention of the company to begin work on the roadbed from Georgia to Carolina street and that 50 carloads of gravel will be used in concreting between the rails. New ties will be installed and one-inch of bitumen will be laid between the rails and on either side of the tracks, this pavement to be constructed so that it cannot be broken by the flanges on the car wheels. Later the improvement will be continued north from Carolina street.

The Railroad has authorized San Joaquin County to build a crossing over the Southern Pacific Company's right of way in Peters, San Joaquin County. The crossing is on the extension of the north and south county road known as the Coggswell Road.

Contract Awarded.

GREAT FALLS, Mont.—Contracts have been awarded by Great Northern Railway Co. for construction of terminal facilities at the new division points at Bowdoin and Wolf Point, which will cost $300,000 at each point. Contract for all the work at Bowdoin has been awarded to Grant Smith & Co.; grading for yards at Wolf Point to A. Guthrie & Co., and for the structures to William Hill, of Superior.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story and base, frame, $12,000. Architect, John H. Powers, 460 Montgomery street, S. F. Owner, John R. Cahill, 110 Sutter street. Location, east Lyon north Jackson. Will contain twelve rooms, three baths and sleeping porches. Separate garage. Plans complete and work underway by Day Labor.

OAKLAND, CAL.—Residences, 3, 1 story and base, frame, $2.000 each. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Thomas Rutherford, 985 35th street, Oakland. Location, south Aileen street east Gaskill. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residences, 2, 1 story and base, frame, $1,500 each. Architect, none. Owner, C. W. Mentzer, 255 Second St., Richmond. Location, southwest Third and Ripley streets. Each house will contain four rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 1 story and base, frame, $2,500. Architect, none. Owner, Thomas Hamill, 4109 Balboa street, S. F. Location, north Balboa east 18th avenue. Will contain six rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $2,500. Architect, none. Owners, F. Nelson & Sons, 2701 Lincoln Way, S. F. Location, north Irving east 28th avenue. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, $6,000 each. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name withheld. Location, 15th avenue, Richmond District. Each dwelling will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, W. E. Taylor, 1433 Ada street, Berkeley. Location, west Sacramento north Ada. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $6,500. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owner, W. H. Hale. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken. . .

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $7,500. Architect, William C. Hays, First National Bank Bldg., S. F. Owner, E. A. Blocklinger. Location, Hawthorne Terrace. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $12,000. Architect, Charles Peter Weeks, Phelan Bldg., S. F. Owner, W. J. Rand. Location, Burlingame Terrace. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans are being prepared.

SACRAMENTO, CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owner, N. J. Nielson, 3015 O street, Sacramento. Location, 1547 36th street. Will contain siix rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $1,-800. Architect, none. Owner, O. D. Atkins, 5219 Kerckhoff street, Fresno. Location, Bartlett Heights. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 1 story and base, frame, $1,-500. Architect, none. Owner, C. A. Clark, 2366 Hill street, Fresno. Location, Arlington Heights. Will contain four rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, $4,000 each. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owners, Dawson Co. Location, 47th avenue and Balboa street. Each house will contain seven rooms, bath and basement ga-

rage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO Residence, 2 story and base, frame, $5,000. Architect, none. Owner, William E. Spink, 3009 Jackson street, S. F. Location, Chattanooga street. Will contain seven rooms, bath and sleeping porch. Separate garage and tool house. Plans complete and work to be done by Day Labor.

SAN FRANCISCO Residence, 1 story and base, frame, $3,000. Architect, none. Owner, Elmer E. Clark, 574 26th avenue, S. F. Location, east 25th avenue north Anza. Will contain seven rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL—Residence, 2 story and base, frame, $5,000. Architects, Schirmer Bugbee Co., Dalziel Bldg., Oakland. Owner, Mr. Wurts. Location, Ray avenue. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $3,500. Architect, E. W. Cannon, Central Bank Bldg., Oakland. Owner, Westley Cannon. Location, Northbrae. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans are being prepared.

MONTECITO, SANTA BARBARA CO., CAL.—Residence, 2 story and base, frame, $20,000. Architect, Reginald D. Johnson, Staats Bldg., Pasadena. Owner, G. C. Kendall. Location, Montecito near Santa Barbara. Will contain 13 rooms, several baths and sleeping porches. Separate garage. Plans are being prepared.

NORTH YAKIMA, WASH. — Residence, 1½ story and base, frame, $4,000. Architect, W. W. de Veaux, North Yakima. Owner, Mrs. Harry Andrews. Will contain seven rooms, bath and separate garage. Plans are being prepared.

SAN FRANCISCO — Residence, 2 story and base, frame, $13,000. Architect, Joseph A. Leonard, 85 Cerritos avenue, S. F. Owners, Urban Realty Co. Location, west Urbano Drive west Alviso. Will contain ten rooms, three baths and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor..

SAN FRANCISCO — Residence, 2 story and base, frame, $7,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Dr. George Poole. Location, St. Francis Wood. Will contain seven rooms, two baths and basement garage. Plans complete and contract to be awarded shortly.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, $12,000. Architect, G. A. Applegarth, Claus Spreckels Bldg., S. F. Owner, W. C. Graves, Jr. Location, Burlingame Heights. Will contain ten rooms, two baths and sleeping porches. Separate garage. Plans complete and figures being taken.

SACRAMENTO, CAL.—Residence, 2 story and base, frame, $10,000. Architect, Clarence C. Cuff, Ochsner Bldg., Sacramento. Owner, Mr. Bassett. Location, Yardley avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans being prepared.

SEATTLE, WASH.—Residence, 2 story and base, brick, $45,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owner, T. J. Gorman. Location, southeast 17th avenue and Prospect street. Will contain twelve rooms, several baths and sleeping porch. Separate garage. Plans complete and figures to be called for shortly.

SAN FRANCISCO — Residence, 2 story and base, frame. Cost not stated. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Henry Clift. Location, St. Francis Wood. Will contain seven rooms, two baths and separate garage. Plans complete and figures being taken.

BERKELEY, ALAMEDA CO., CAL. —Residences, 10, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, southwest Channing Way and Byron, etc. Each dwelling will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residences, 15, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight avenue, Alameda. Location, west Maple avenue south Arkansas. Each dwelling will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL—Residence, 1 story and base, frame, $3,500. Architect, none. Owner, L. J. Dolan, 3827 Everett street, Oakland. Location, north Fairbanks avenue west Kenmore. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

NEWMAN, STANISLAUS CO., CAL. —Residence, 2 story and base, frame, $7,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, William J. Burris. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

SCHOOLS.

RENO, NEV.—College building, 2 story and base, reinforced concrete, $80,000. Architect, Walter O. Lewis, Gazette Bldg., Reno, Nev. Owners, Regents of the Nevada University. Location, University Campus, covering an area of 180 by 60 feet. Designed for an agriculture building. Plans are being prepared.

PLACERVILLE, EL DORADO CO., CAL.—Schools, 2, 1 story, frame and hollow tile, $31,380. Architects, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Placerville School District. J. S. Hannah, Williams Bldg., S. F. presented the lowest combined bid for these two buildings and will probably be awarded the contract. A complete list of the figures received will be found under the heading of Bids Opened in this issue.

SACRAMENTO, CAL. — School, 2 story and base, reinforced concrete, $200,000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. All bids received two weeks ago for this work have been rejected and new figures will be called for as soon as revised plans can be prepared. Revisions will consist of the omission of the outdoor lavatory buildings, roof garden and one room in the basement. H. S. Williams, San Francisco, presented the lowest figure for the work at $227,000, which was approximately $27,000 more than the amount available for construction.

OAKLAND, CAL. School repairs and plumbing. Cost not stated. Architect, none. Owners, City of Oakland. Location, Fremont School. Work will consist of installing a new plumbing system and making general repairs. Bids will be opened on May 14th. Plans can be had from the Secretary of the Board of Education, City Hall.

ALBANY, ORE.—School, 2 story and base, brick or reinforced concrete, $22,000. Architect, Charles H. Burggraf, Albany. Owners, City of Albany. Will contain six class rooms and assembly hall. Plans are being prepared.

ENTERPRISE, ORE. — School, 2 story and base, hollow tile and brick, $60,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Owners, City of Enterprise. Will contain 24 class rooms, auditorium and a large gymnasium. Plans complete and figures being taken. Bids opened on May 14th.

HYDE PARK, LOS ANGELES CO., CAL.—School, 1 story addition, concrete, $26,000. Architect, T. Beverly Keim, Jr., Haas Bldg., L. A. Owners Hyde Park School District. Location, northwest Mesa Drive and Chestnut street. Will contain six class rooms and an auditorium. Plans complete and figures being taken. Bids to be opened on May 17th at 5 p. m.

Contract Awarded.

SPARKS, NEV.—School, 1 story and base, brick and hollow tile, $46,000.. Architect, F. J. De Longchamps, Nixon Bldg., Reno. Owners, Sparks School District. Contractor, Caldwell & Co., 110 Jessie street, S. F. Contract price, $46,000.

CORVALLIS, ORE.—School, 2 story and base, brick and concrete, $27,000. Architect, Charles H. Burgraf, Albany, Ore. Owners, City of Corvallis. Contractor, A. Lombard, Eugene, Ore. Contract price, $27 000.

TRUCKEE, NEVADA CO., CAL.—School, 1 story, frame and brick, $11,000. Architect, none. Owners, Truckee School District. Contractors, Houghton Construction Co., Hooker-Lent Bldg., S. F. Contract price, $11,000.

SAN FRANCISCO — School hardware. Cost not stated. Architect, none. Owners, City and County of San Francisco. Contractors, Bennett Bros., S. F. Hardware for the Monroe School.

SAN FRANCISCO—School, 2 story and base, frame and brick, $40,000. Architect, Julia Morgan. Merchants' Exchange Bldg., S. F. Owner, Mrs. Burke's School for Girls. Location, Jackson and Lyon. Designed for a private school for girls. Plans are complete and figures being taken.

OAKLAND, CAL.—School addition 1 and, 2 story, frame. Cost not stated. Architect, Julia Morgan. Mercants' Exchange Bldg., S. F. Owners, City of Oakland. This will be unit No. 3 of the Lakeview School and will be located at the corner of Perry and Van Buren streets. Plans are being prepared.

SUMMIT SCHOOL DISTRICT, SANTA CLARA CO., CAL.—School, 1 story, frame. Cost not stated. Architect, none. Owners, Summit School District. Designed for a district school. Plans complete and figures to be opened on May 19th. Plans can be secured from W. W. Chase, Clerk of the district or from D. T. Bateman, Superintendent of Schools, San Jose.

FORT JONES, SISKIYOU CO., CAL.—School, 1 story and base, brick. Cost not stated. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners, Fort Jones Grammar School District. Will contain five class rooms and assembly hall. Plans are being prepared.

PLACERVILLE, EL DORADO CO., CAL.—Schools, 1, 2 and 1, 1 story, hollow tile and frame, $32,575. Architects, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Placerville School District. Contractor, J. S. Hannah, Williams Bldg., S. F. Contract price, $32,575.

SEWERS, STREET WORK & WATER SYSTEMS.

SEATTLE, Wash.—County Engineer Sam Humes has completed plans for the construction of the county road between Renton and Renton Junction, which is estimated to cost $17,500.

The improvement consists mostly of re-grading.

FRESNO, Fresno Co., Cal.—At the last meeting of the City Council the first step for connecting Arlington Heights and Fresno Heights with the city sewer system was considered, but went over until the next regular meeting. Forty-eight blocks in Arlington Heights will be sewered, and twenty-four blocks in Fresno Heights Nos. 1 and 2. The estimated cost is between $23,000 and $25,000. The sewers, which will connect with the main sewer in Alta Vista, will range from 6 to 12 inches and will be vitrified iron stone.

SANTA PAULA, Ventura Co., Cal.—Bids will be received by the City Clerk up to 7:30 P. M., of May 14, for the construction of approximately 1040 feet of 8-inch vitrified sewer, together with manhole and appurtenances, in accordance with specifications on file at the office of the City Clerk. Certified check for 10% required. M. G. Demarest is the City Clerk.

ASTORIA, Ore.—The City Council has awarded a contract to the Arenz Construction Co. (Western Paving Co.) for the paving of streets in this city at $53,619.86. M. O'Reilly was also awarded a portion of the contract at $9,814.06.

G. T. McClean is City Engineer.

EVERETT, Wash.—Mae Weatherbee. Auditor of Snohomish County, reports all bids received for the construction of permanent Highway No. 29 and Bond Road No. 18, have been rejected because all were above the amount available for the cost of the work.

W. C. Bickford is County Engineer.

SAN FRANCISCO—The San Francisco Board of Public Works has passed resolutions of expediency for the following improvements:

Rutland between Wilde and Sunnydale, grade and curb.

Lisbon bet. Avalon and Silver, grade and curb.

Church bet. 20th and Liberty, artificial stone sidewalks.

Church bet. 21st and Liberty, artificial stone sidewalks (westerly).

Church bet. 21st and Liberty, artificial stone sidewalks (easterly ½)

Crossing 20th and Iowa, curb, sidewalks and pave.

Van Ness avenue bet. Olive and O'Farrell, artificial stone sidewalks.

19th bet. Texas and Pennsylvania, sewer and curb.

20th bet. 3rd and Tennessee, sewer, curb and pave.

STOCKTON, San Joaquin Co., Cal.—The City Council has adopted plans and specifications for the improvement of Harrison street from Worth to South street and Worth, Anderson, Jefferson, Jackson and Clay streets bet. Harrison and Lincoln streets.

Bids will be called shortly.

LONG BEACH, Los Angeles Co., Cal.—The City Commission ordered the construction of vitrified clay pipe sewers and appurtenances in portions of California avenue, Myrtle avenue, Chestnut avenue, Anaheim street, New York street, Fifteenth street, Sixteenth street, Seventeenth street, Esther street, alleys, etc. The work will be done in accordance with Ordinance No. B-302. Certified check or bond for 10% required. H. C. Waughop is the City Clerk.

VISALIA, Tulare Co., Cal.—County Surveyor Lovelace is rushing plans for the proposed highway work to be done under the $2,000,000 bond issue. On May 7, the Supervisors will call for bids for about 43 miles of this work, which will be on the line from the Alta district through Visalia, Exeter, Porterville, and Richgrove.

RICHMOND, Contra Costa Co., Cal.—The opening of bids for the improvement of Garrard Boulevard, has been laid over by the City Council for one week.

RICHMOND, Contra Costa Co., Cal.—City Engineer Chapman has completed plans and specifications for sewers in the Wenk Addition, Nissen's Addition and the Alta Punta Tract.

It is probable that the Council will approve the plans at the next meeting and bids called for.

FRESNO, Fresno Co., Cal.—Bids will be called for shortly for the improvement of Grant avenue from First street to Ninth street, a distance of 3900 feet, 36 feet wide. The work will consist of grading and oiling and constructing curbs and sidewalks. The approximate quantities are: 150,054 sq. ft. grading; 7127 lin. ft. cement curb; 37,829 sq. ft. cement sidewalk; 756 lin. ft. metal culverts. C. C. Van Valkenburgh, Jr., is the City Clerk.

SAN FRANCICSO—The following bids were received by the San Francisco Board of Public Works for dredging the Pierce street outfall sewer:

Healy-Tibbitts Co., 9 Main St.....$1,830
Tibbitts-Pacific Co., 16 California street 1,890
(15241) 1st report Apr. 12; 4 th Apr. 26, 1917.

SAN DIEGO, San Diego Co., Cal.—The City Council has arranged for $206,375 in the city budget for the paving of about twenty-four miles of highway between San Diego and Torrey Pines.. Paving will begin at the intersection of India and Winder streets, and will extend in a loop to Torrey Pines. A portion of it will be 24 feet wide, the remainder 16 feet. There are a little more than 16 miles via the Ocean Beach route and about 7 miles via the Old Town route. The estimated cost of the Ocean Beach road was set at $222,816 by the city engineer, and $93,958 for the Old Town route. The city will pay $150,000 on the former and $56,375 on the latter, the property owners the remainder. The work has been divided into eight sections and bids will be called for as soon as the money has been provided.

MILL VALLEY, Marin Co., Cal.—No bids were received by the Town Trustees for constructing considerable street paving on the streets for which Ransome-Crummey Co. refused to sign a contract several weeks ago. About $30,000 worth of work was envolved. New bids will be called for shortly.

SACRAMENTO, Cal.—The County Supervisors will receive bids up to May 16th, 10 A. M., for the construction of a portion of the improvements included in the report of the Sacramento county highway commission, county bonds for which were voted October 3, 1916, as follows: Highway No. 1, Marysville road; highway No. 2, "H" street road; highway No. 13, Sacramento-Freeport road; highway No. 15, Pocket road, in accordance with the requirements of highway commission specifications Nos. 8 and 9.

The specifications provide for bids being received on the bridges and culverts on any or all of the roads separately and for the awarding of separate contracts for the bridges and culverts. Bids will be received as follows: Highway No. 1 in one contract, highway No. 2 in one contract, or highways Nos. 1 and 2 in one contract, highway No. 13 in one contract, highway No. 15 in one contract, or highways Nos. 13 and 15 in one contract.

Certified check of 10% payable to Chairman of the Board df Supervisors. E. F. Pfund is County Clerk and Robt. E. Callahan, Chairman of the Board of Supervisors.

OLYMPIA, Wash.—Bids have been called for by the State Highway Commission, James Allen, Commissioner, to be opened on May 28th for the surfacing of two miles of the Pacific Highway between Orillia and Renton in King county. Bids will also be received at the same time for the surfacing of 7 miles of the Inland Empire Highway from the Yakima river bridge near Kiona in Benton county.

TACOMA, Wash.—New bids have been called for by the Pierce County Commissioners for the making of a fill on Eleventh street to cost approximately $75,000. Bids will be opened on May 21st.

The San Francisco Board of Public Works has passed resolutions of intention providing for the following work:

Sewer—Raymond avenue from San Bruno to Delta.

Pave Raymond avenue from Delta to Elliot.

Pave Leland avenue from Rutland to Delta.

Pave Leland avenue from Delta to Sawyer.

Pave Visitacion avenue from San Bruno to Schwerin.
(15778 to 15782)

BIDS OPENED FOR SACRAMENTO COUNTY HIGHWAY WORK.

SACRAMENTO, Cal. The following action has been taken by the Sacramento County Highway Commissioners relative to bids opened Wednesday, May 2d, for highway construction. All bids rejected for portion of River Road (No. 14) on Randall Island, reject bids and authorize re-advertisement of bids for Sacramento-Freeport Road (No. 13), and Pocket Road (No 15). Awards for construction were authorized as follows: Lower Stockton Road (No. 10) grading and paving awarded to Joe Lawrence for $31,966. Bridges and culverts on same awarded to F. E. Frey, 2526 "Q" street, Sacramento, for $4,787.78; Galt-News Hope Road (No. 11) grading and paving, awarded to A. Teichert & Son, Ochsner Bldg., Sacramento, for $31,589.20; bridges and culverts on same awarded to F. E. Frey, 2526 "Q" street, Sacramento, for $2,556.72.

No bids were received for the combined work of grading and paving of Roads Nos. 10, 11, 13 and 15. A combination bid of $19,939 for constructing bridges and culverts of Roads Nos. 10, 11, 13 and 15 was received from Jenkins & Wells. Following is a complete list of the bids as opened:

GRADING & PAVING ROAD NO. 10 (AWARDED)

No. 1 Joe Lawrence	$31,966.00
No. 2 A. Teichert & Son	32,165.50
No. 3 W. J. Schmidt	37,593.50
No. 4, Contra Costa Con. Co.	38,127.70
No. 5 Burns, Jacinto, & Da-Rosa	38,622.00
No. 6 A. W. & C. H. Gorrill	47,317.10

BRIDGES & CULVERTS ROAD NO. 10 (AWARDED)

No. 1 F. E. Frey	$ 4,787.78
No. 2 Jenkins & Wells	4,942.78
No. 3 A. Teichert & Son	5,067.78
No. 4 C. H. & A. W. Gorrill	5,104.54
No. 5 Contra Costa Con. Co.	5,182.41
No. 6 Joe Lawrence	6,131.30
No. 7 Burns, Jacinto & Da-Rosa	6,716.30

GRADING & PAVING ROAD NO. 11 (AWARDED)

No. 1 A. Teichert & Son	$31,589.20
No. 2 Burns, Jacinto & Da-Rosa	34,024.00
No. 3 Contra Costa Con. Co.	35,695.60
No. 4 W. J. Schmidt	36,998.00
No. 5 Whitlock & Gorrill	41,027.60

BRIDGES & CULVERTS ROAD NO. 11 (AWARDED)

No. 1 F. E. Frey	$ 2,556.72
No. 2 Whitlock & Gorrill	2,675.90
No. 3 A. Teichert & Son	2,726.72
No. 4 Jenkins & Wells	2,901.72
No. 5 Contra Costa Con. Co.	3,081.20
No. 6 Burns, Jacinto & Da-Rosa	3,456.20

GRADING AND PAVING ROADS 13 AND 15. (ORDERED RE-ADVERTISED.)

No. 1 Joe Lawrence	$46,590.63
No. 2 Burns, Jacinto & Da-Rosa	48,062.00
No. 3 A. Teichert & Son	50,503.80
No. 4 Contra Costa Con. Co.	51,266.45
No. 5 Whitlock & Gorrill	56,680.48
No. 6 C. H. & A. W. Gorrill	73,319.25

BRIDGES & CULVERTS ROADS 13 AND 15. (ORDERED RE-ADVERTISED)

No. 1 Whitlock & Gorrill	$11,207.38
No. 2. Contra Costa Con. Co.	11,394.35
No. 3 Jenkins & Wells	12,094.50
No. 4 A. Teichert & Son	12,598.57
No. 5 Joe Lawrence	13,933.50
No. 6 Burns, Jacinto & Da-Rosa	15,456.70
No. 7 C. H. & A. W. Gorrill	15,737.40

GRADING AND PAVING ROAD NO. 11 RANDALL ISLAND. (BIDS REJECTED.)

A. Teichert & Son (1st alternative)	$11,931.11
A. Teichert & Son (2nd alternative)	9,771.06

Contract Awarded.

LOS ANGELES, Los Angeles Co., Cal.—J. P. Hunter, 405 West Fifty-eighths street, Los Angeles, Cal., has been awarded a contract at $11,400 for constructing an addition to the sewer system at the County Farm near Downey. The work will include one Imhoff tank, three flushing manholes, one sump and pump chamber, one controlling chamber, one slush bed, eleven manholes, and cast iron or vitrified sewer pipe lines.

SAN FRANCISCO—To D. O. Church Co., 68 Post street, for the improvement of crossing of Mariposa and Florida streets at $1,360.98. R. W. Adams submitted the lowest bid for this work at $1,225.62, but was allowed to withdraw same claiming a mistake.

OAKLAND, Alameda Co., Cal.—A contract has been awarded to J. Catucci, 1230 18th avenue, Oakland, for the following street improvement:

That East 23rd street, from Fruitvale avenue to Peralta avenue, and all that portion of Hughes avenue that lies NE of the NE line of East 23rd street each, be graded, curbed with redwood, guttered with concrete gutters, three feet wide, and paved with oil macadam; also

That a cement sidewalk, 5′ wide; and a cast iron and concrete culvert having two granite header-blocks be constructed.

LOS ANGELES, Los Angeles Co., Cal.—The Fairchild-Gilmore-Wilton Company, Pacific Electric Bldg., Los Angeles, has been awarded a contract at $26.134.20 for the improvement of Palos Verdes street from Sixth street to Fourteenth street.

STOCKTON, San Joaquin Co., Cal.—At the last meeting of the City Council the Clark & Henery Construction Co., 38 S-Sutter street, Stockton, was formally awarded the contract to improve the center portion of Miner avenue between Hunter and California streets. The bid was $5,144.58.

STOCKTON, San Joaquin Co., Cal.—The Federal Construction Co., Sharon Bldg., San Francisco, has been awarded the contract for the completion of the old Eaton and Smith contract on Washington, Sonora, Church and Sutter Sts. The bids was $8,813.32, over $550 above the engineer's estimate of $8,251.40. Clark & Henery, the only other bidder put in a figure of $9,187.93.

OAKLAND, Cal. The City Council has awarded a contract to Hutchinson Co., 13th and Franklin Streets, Oakland, for the following work:

That 86th avenue from L street to G street, and G street from the E line produced of 86th avenue to the SW line produced of 84th avenue, all as it exists between Anchat and G streets, each, be graded curbed with redwood, guttered with concrete gutters, three feet wide, paved with oil-macadam, and sidewalked with cement sidewalks, six feet wide; also

That 85th avenue from G street to the NW line of the Right of Way of the Western Pacific Railway Co. be graded, curbed with redwood, guttered with concrete gutters, three feet wide, paved with oil macadam and sidewalked with cement sidewalk, five feet wide; also

That a vitrified pipe conduit be constructed; that four brick storm water inlets with tops of cast iron be constructed; five brick manholes; vitrified pipe conduit, having an internal diameter of 10 inches; a vitrified pipe sewer, having an internal diameter of 8 inches; that the following structures be built on said sewer: a brick manhole; a vitrified pipe lamphole, and enough "Y" branches, each having a 5-inch opening, to provide one such branch for each 40 foot lot, and fractional lot remaining, into which the abutting property frontage is capable of being divided.

OLYMPIA, Wash.—The following contracts have been awarded by the State Highway Commission:

Mile of Sunset Highway, east of North Bend to Sloan Bros., P. O. Box 348, Seattle. $11,846.

Elevent miles Sunset Highway, near Easton to Gallagher & Mead, Auburn, Wash., $16,494.

Mile of Pacific Highway, north of Kalama, to Allred & James, Centralia, Wash., $10.728.

Thirty-three miles of State Road No. 23, near Mead, to Spokane Bitumass Paving Co., Spokane, $17,484.

Mile of Inland Empire Highway, from Colfax north to Spokane, Asphalt Macadam Paving Co., Spokane, $18,282.

SAN FRANCISCO—The San Francisco Board of Public Works has awarded a contract to Healy Tibbitts Co., 9 Main street, for dredging the Pierce Street outfall sewer and has requested the Board of Supervisors to appropriate $2,000 to cover the cost of the contract.

POMEROY, Wash.—Harry St. George, City Clerk, reports that the contract for the paving of several streets has been awarded to Clifton Applegate & Toole Co., of Spokane at $35,235.

CONTRACTS AWARDED FOR SAN FRANCISCO STREET IMPROVEMENT.

The improvement of Juda' street bet. Twenty-eighth and Twenty-ninth avenues by grading; construction of an 8-inch vitrified, salt-glazed, iron-stone pipe sewer with 17 Y branches and 1 brick manhole; construction of concrete curbs; artificial stone sidewalks 6 feet in width in the middle of the sidewalk areas; and an asphalt pavement consisting of a 6-inch concrete foundation and 2 inch asphaltic wearing surface on the roadway thereof.

Awarded to Felix Bell[illegible] 27th Ave., for $3,661.40.

The improvement of Judah Street from the E line of Twenty-ninth avenue to the W line of Thirty-first avenue, by grading; construction of the following vitrified, salt glazed, ironstone pipe sewers and appurtenances: 8 12-24 inch with 4 brick manholes, 36 Y branches; construction of concrete curbs; an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof; artificial stone sidewalks; brick catchbasins with 10-inch vitrified, salt-glazed, ironstone pipe culverts.

Awarded to Owen McHugh, 304 Russ Bldg., for $15,819.75.

The improvement of Taylor street bet. Sutter and Bush streets by the construction of artificial stone sidewalks of the full official width, on the E half, from Sutter street to a line 91 feet 6 inches N therefrom, and on the W half, from Sutter street to a line 137 feet 6 inches N therefrom.

Awarded to Bos & O'Brien, Hearst Bldg., for $363.54.

STORES AND OFFICES.

SAN FRANCISCO—Stores and offices, 6 story and base. Class B construction. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, W. F. Perkins, Nevada Bank Bldg., S. F. Location, Sutter and Mason streets, covering an area of 75 by 62½ feet. Will contain stores on the first floor and a number of offices above. Preliminary plans will be prepared at once.

MARTINEZ, CONTRA COSTA CO., CAL.—Offices, 1 story and base, reinforced concrete, $8,000. Architect, Alexander A. Cantin, Foxcroft Bldg., S. F. Owners, Contra Costa County Abstract Co. Will cover an area of 60 by 100 feet. Plans revised and new figures being taken.

BERKELEY, ALAMEDA CO., CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, P. W. Albee. Location, southeast Shattuck and Haste. Will contain several small stores. Plans complete and figures being taken.

VENICE, LOS ANGELES CO., CAL.—Cafe and pavilion, 1 story, frame, $30,000. Architect, F. W. Young, Lankershim Bldg., L. A. Owner, Baron Long. Will cover an area of 100 by 110 feet. Plans are being prepared.

SAN FRANCISCO—Stores and lofts, 2 story and base. Class C construction, $30,000. Architects, Weeks & Day, Phelan Bldg., S. F. Owners, Sperry Land Co., leased to Turner & Dahnken. Location, Golden Gate avenue, covering an area of 68 feet 9 inches by 137½ feet. Plans complete and figures being taken.

Contract Awarded..

NEVADA CITY, NEVADA CO., CAL.—Stores, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Alpha Hardware Co. Contractors, E. T. Leiter & Son, Call-Post Bldg., S. F. Contract price not stated. Building will cover an area of 83 by 200 feet.

SAN FRANCISCO—Office plumbing, $7,000. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, Mrs. Wheeler. Contractor, S. W. Band, 580 Valencia street, S. F. Contract price, $7,000.

THEATRES.

SAN FRANCISCO Theatre, 2 story and base. Class A construction. Cost not stated. Architects, Cunninghgam & Politeo, First National Bank Bldg., S. F. Owners, McCreary Estate, leased to Turner & Dahnken. Location, south Market and east Eighth street. Will have a seating capacity of 6,000 people. Plans complete for the structural steel and several other portions of the work which are now being figured. Balance of the work will go out for figures following awards of contract on the work now being figured.

LODI, SAN JOAQUIN CO., CAL.—Theatre and stores, 3 story and base, brick and steel, $50,000. Architects, Stone & Wright, San Joaquin Valley Bank Bldg., Stockton. Owners, Lodi Investment Co. Location, School stret. Will contain three stores besides a large motion picture theatre. Plans complete and figures being taken. Bids to be opened on May 10th.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BUILDING—Treasury Department, Supervising Architect's Office, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. June 1, 1917,** for the construction, complete, of the United States post office at Cody, Wyo. Drawings and specifications may be obtained from the custodian of site at Cody, Wyo., or at this office, in the discretion of the supervising architect. JAS. A. WETMORE, Acting Supervising Architect.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals for the construction of canals on the Rio Grande Project involving about 196,000 cubic yards of excavation will be received at the office of the United States Reclamation Service, El Paso, Tex., until **2 o'clock p. m. May 23, 1917,** and will at that hour be opened. The work is located near Garfield, N. M. For particulars address the United States Reclamation Service, El Paso, Tex., Denver, Colo., or Washington, D. C. MORRIS BIEN, Acting Director.

NOTICE TO CONTRACTORS.

BIDS will be received by the Board of Capitol Commissioners, Carson City, Nevada, up to **12 o'clock, noon, on June 5th, 1917, for the furnishing** and setting of marble in corridors and vestibules of Capitol building according to official plans and specifications now on file.

Plans and specifications may be secured at the office of the Secretary of State, Carson City, Nevada, or at the office of F. J. De Longchamps, architect, Nixon Building, Reno, Nevada.

Each bid to be sealed and accompanied by a certified check amounting to at least five per cent of the amount of bid No. 1.

Bids are to be filed at the office of the Secretary of State.

The Board of Capitol Commissioners reserves the right to reject any or all bids.

Ordered by the Board of Capitol Commissioners, Carson City, Nevada on this 27th day of April, 1917.

EMMET. D. BOYLE,
Chairman.

Homer Mooney, Clerk.

NOTICE TO CONTRACTORS.

OFFICE Constructing Quartermaster, 1206 Pacific avenue, San Pedro, Cal.—Sealed proposals will be received here until **10:00 A. M., June 1, 1917,** and then opened, for furnishing and installing gas-fired heating systems in various buildings to be constructed at Fort MacArthur, Cal. Further information on application.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., **until May 14, 1917,** for one brick building and one wood frame building, at the Naval Ammunition Depot, Mare Island, Cal. Drawings and specifications (No. 2354) may be had on application to the Bureau of Yards and Docks.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., **until May 21, 1917,** for constructing a three-story and basement extension, equipped with plumbing, steam heating, and electric wiring, at the navy yard, Mare Island, Vallejo, Cal. Drawings and specifications (No. 2358) may be obtained on application to the Bureau of Yards and Docks, Washington.

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received by the United States Coast Guard, Treasury Department, Washington, D. C., **until May 15, 1917,** for constructing Coast Guard Station No. 321 and accessories, at Bolinas Bay, Cal. Specifications and further information may be had on application to the superintendent, thirteenth district, Coast Guard, San Francisco, Cal., or to the above-named office (*)

GOVERNMENT BIDS WANTED.

CIRCULAR No. 282—Sealed proposals will be received at office of general purchasing agent, Alaskan Engineering Commission, Seattle, Wash., not later than 11 A. M., May 15, 1917, for furnishing crowbars, lining bars, drag scrapers, Fresno scrapers, shovels, picks, wheelbarrows, mattocks, plows, peavies, drills, hammers, auger bits, chisels, handles, planes, pliers, rules, crosscut and hand saws, screws, squares, tapes, grindstones and saw tools Copies of circular may be obtained upon application at this office; Alaskan Engineering Commission, 102 Customhouse, Portland, Ore.; 514 Kohl Bldg., San Francisco, Cal. Alaskan Engineering Commission, Washington, D. C. C. E. DOLE, General Purchasing Agent.

PROPOSALS will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 11 o'clock A. M., May 22, 1917, for delivering burlap, electrical supplies, window glass, glue, hardware, etc., white lead, lenses, engraving ma-

chine, fiber magaphones, monel metal, blue and brown print paper, California white and sugar pine, cleaning and polishing soap, tallow, and cotton mattress ticking at the navy yard, Mare Island, Cal. Apply for proposals to the navy purchasing offices, San Francisco, Cal., or to the Bureau of Supplies and Accounts. SAMUEL McGOWAN, Paymaster General of the Navy.

BIDS WANTED FOR CANAL WORK.

Sealed proposals for the construction of canals on the Rio Grande Project involving about 196,000 cubic yards of excavation will be received at the office of the United States Reclamation Service, El Paso, Texas, until 2 o'clock P. M., May 23, 1917, and will at that hour be opened. The work is located near Garfield, N. M . For particulars address the United States Reclamation Service, El Paso, Texas; Denver, Colo., or Washington, D. C. Morris Bien, Acting Director. (15802)

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on May 28, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Yolo County, at Davis (III-Yol-6-A), an undergrade crossing with the Southern Pacific Railroad, including substructure for subway and about 1200 feet of Portland cement concrete pavement.

Solano County, between Batavia and Putah Creek (III-Sol-7-E), about 8.4 miles in length to be paved with Portland cement concrete.

Santa Barbara County, between Zaca Station and Los Alamos (V-S.B-2-C), about 9 miles in length to be paved with Portland cement concrete.

Tulare County, between ¼ mile west of Visalia and Tulare (VI Tul-4-C), about 9 miles in length to be paved with Portland cement concrete.

Ventura County, between Santa Clara River and Ventura (VII-Ven-2-C), about 4 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contracts, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer
WILSON R. ELLIS,
Secretary. (*)

Dated: April 24, 1917.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on outside of sealed envelope "Proposals for Laundry Building, Including Equipment, Laguna Sanatorium, Laguna, N. Mex," and addressed to the "Commissioner of Indian Affairs, Washington, D. C." will be received at the Indian office until **2 o'clock p. m. May 17, 1917,** for furnishing materials and labor for the construction of a laundry building, including equipment, in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at the United States Indian warehouses at Chicago, Ill., and San Francisco, Cal., and the Builders' Exchange, St. Paul, Minn., and at the office of the superintendent of the Pueblo day schools, Albuquerque, N. Mex. CATO SELLS, commissioner.

PROPOSALS FOR HEATING.

HEATING — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. May 18, 1917,** for repairs to heating system, etc., in the United States post office at Pueblo, Colo., in accordance with drawing and specifications, copies of which may be had at this office or at the office of the custodian at Pueblo, Colo., in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

PROPOSALS FOR HEATING.

HEATING, PLUMBING, ETC. — Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be opened in this office at **3 p. m. May 18, 1917,** for repairs to heating, plumbing, conduit and wiring, lighting fixtures, etc., in the U. S. court house, etc., at Santa Fe, N. M., in accordance with the drawing and specification, copies of which may be had at this office or at the office of the custodian at Santa Fe, N. M., in the discretion of the supervising architect. JAMES A. WETMORE, acting supervising architect.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on May 14, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications to which special reference is made, portions of State highway as follows:

Siskiyou County, three reinforced concrete bridges, across Little Castle Creek, Greenhorn Creek, and Yreka Creek (II-Sis-3-A & B), being respectively 84 feet long, 60 feet long and 42 feet long.

Solano County, between the westerly boundary and Cordelia (III-Sol-8-A) [illegible] miles in length, to be paved with Portland cement concrete.

Alameda County, between Santa Rita and Dublin (IV Ala 5 B), about 3.2 miles in length, to be paved with Portland cement concrete.

Santa Barbara County, between Las Crucas and Gaviota Pass (V-S.B-2-E), about 2.9 miles in length, to be graded.

Los Angeles County, between Castaic and Castaic School (VII-L.A-4-A), about 4.1 miles in length, to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained at the said office, and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fre[illegible] Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated: April 17, 1917.

THE WAR CRY ALONG THE APACHE TRAIL.

White men have heard the war cry along the mystic shadows of the Apache Trail. Time was when this would have caused a thrill of apprehension throughout the land, but now the Indians are allied with their "little Father at Washington" and eager only to fight in his behalf.

Word has reached E. O. McCormick, vice-president in charge of traffic of the Southern Pacific Company, that the Apaches of Roosevelt Dam, Arizona, have summoned members of the tribe for a great Devil Dance. That the United States is now at war has just spread among the Indians, and they are eager to offer their services to their "white brothers." Many of the Apaches are skilled in modern warfare, having been effectively used in quelling border disturbances. They are conceded to be among the finest horsemen and trailers in the world.

The Devil Dance will take the form of a "Preparedness Demonstration," the Apaches vowing allegiance to the Government, endeavoring to drive out the devils from the country, and pleading with the Great Spirit to grant an abundance of crops.

Hundreds of tourists from California hit the "Apache Trail" to witness the spectacle.

ALAMEDA CONTRACTORS PLAN ANNUAL BANQUET

Hotel Oakland Selected as Annual Gathering Place for Alameda County General Contractors' Association on May 10th.

The General Contractors' Association of Alameda County will hold their annual banquet on the evening of May 10th at the Hotel Oakland. A fine and varied program is promised. A committee consisting of the following have been working hard to make the affair a huge success:

Chairman, Geo. Armstrong; T. D. Sexton; A. M. Poulson; L. C. Fraser, Jr., and F. T. Kennedy.

Tickets may be obtained from the Secretary, P. F. Bradhoff, who is authority for the statement that anyone attending who does not feel that he got his money's worth will have the purchase price of his ticket refunded.

BIDS OPENED FOR WORK AT CHABOT OBSERVATORY.

OAKLAND, Cal.—The following bids were received by Dan W. Pratt, Secretary of the Oakland Board of Education, for grading, cement work, fences, gates, planting, water system and fire protection at the Chabot Observatory. All bids were referred to the District Attorney:

Water System and Fire Protection.

R. W. Littlefield.....$8350
F. C. Bignami & J. O. Hager..... 6487
J. B. Cruz..... 7817
L. W. Murdock..... 7875
Peter Mathiesen..... 5200
Jas. Rankin & Sons..... 7990
Carl T. Doell..... 8275
C. H. & A. W. Gorrill..... 7013

Grading, Concrete Work and Fence.

Godfrey P. Watkins (a)$4004 (b)$3800
F. C. Bignami & J. O. Hager (a)..$4103
Peter Mathiesen (a)$4200 (b)$3950
R. W. Littlefield (a)$4399 (b)$4199
C. H. & A. W. Gorrill.....(a) $4580

Planting and Gardening.

Sunset Nursery Co (a)$3810 (b) $4060
H. E. Gill Nursery Co.....(a) $2500
Shephard & Wittelsey (a) $4472

MARKET IN SINGAPORE FOR CRUDE-OIL ENGINES.

SINGAPORE, Straits Settlements.—Inquiry elicits the fact that there is apparently a good demand in the Singapore market for crude-oil engines of about 10 horsepower for operating rubber mangles. An agency representing American manufacturers of this kind, with facilities for a proper demonstration of their merits, would undoubtedly do a profitable business in this district, where rubber production is of great magnitude and is rapidly increasing in volume.

IRRIGATION COMPANY IS SUED.

The Midland Counties Land and Irrigation Company is defendant in two suits filed in the Superior Court. R. M. Hardin alleges he served as general manager of the company from January 1, 1[illegible] until April 1, 1917, and that it was agreed his salary should be $5000 a year, but that he has received no salary. He sues for $21,500.

Attorney William C. Crittenden sues for $12,500 alleged to be due for legal services.

SUPERVISORS TO EXPLAIN.

Many members of the Board of Supervisors, including Messrs. Edw. I. Wolfe, James E. Power, and J. Emmet Hayden, will occupy seats at the speakers' table at the luncheon of the Home Industry League of California to be held today at the Palace Hotel. The Supervisors will give informal explanations of the attitude of each in the matter of buying "home-made" goods, and will be prepared to answer questions put them by the members of the League regarding future policy of the Board of Supervisors.

Final nominations will be made at this meeting for candidates to be selected as Directors of the League for two years. The nominations are open to the entire membership.

Several women members are already in the field.

The Oakland factory-owners, and those of Los Angeles are putting up candidates from their respective localities, and it is generally believed their candidates will be elected.

Spring gardening has lengthened many lives?

Today is the best time to begin to build for health?

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1184	Abernethy	Abernethy	1000
1185	Myers	Britt	15000
1186	Elosser	Arthur	5000
1187	Cal Packing	O'Mara	3840
1188	Same	Atlas	3055
1189	Same	Rigney	3599
1190	Grant	Mahony	18500
1191	Boston	Boston	25000
1192	Hughes	Braas	6070
1193	Same	Hansbrough	3000
1194	Lincoln Rlty	Wright	1780
1195	Simpton	Beck	1650
1196	Gheso	Gheso	1600
1197	Brunton	Brumfield	400
1198	Brady	Dowling	900
1199	Foppiano	Foppiano	500
1200	Hall	Hall	5000
1201	Hamill	Hamill	2500
1202	Nelson	Nelson	2500
1203	Traverso	Traverso	5000
1204	Wheeler	Band	6140
1205	Market St. Rlty.	Monarch	2100
1206	Same	Zelinsky	5375
1207	Dohrmann	Brandon	450
1208	Samuelson	Samuelson	1950
1209	Pope	Talbot	500
1210	Goldstein	Goldstein	4000
1211	Paganini	Paganini	5000
1212	Clark	Clark	3000
1213	Urioste	McLean	1335
1214	O'Connor	Central Iron	780
1215	Hart	Owner	500
1216	Francisco	Maffei	800
1217	Torba	Torba	700
1219	Urban Rlty	Owner	13000
1220	Bass Heuter	Palmer	14931
1221	Prot Epis Ch	Cole	3000
1222	Wrampelmeier	James	10217
1223	Emmons	Little	7200
1224	Granucchi	McLean	10600
1225	City & County	McMullen	23688
1226	Same	O'Mara	1255
1227	Same	Gladding	9270
1228	Same	Scott	2135
1229	Same	Asher	960
1230	Same	Graper	600
1231	Holdhusen	Moroncelli	550
1232	Anderson	Johnson	4200
1233	Cal Pkng Corp.	Vitrolite	1778
1234	Same	Musto	2498
1235	Pool	Higginson	6195

FRAME DWELLING

(1184) SE NAPLES 200 NE Avalon. One-story and basement frame dwlg.

Owner.....James Abernethy, 100 Edinburgh, San Francisco

Architect.....None.

Day's work. COST, $1000

BRICK STORES

(1185) S PINE 103 E Sansome. One-story and basement brick store.

Owner.....L. A. Meyers, 68 Post, San Francisco.

Architect.....Heiman & Schwartz, 212 Stockton, San Francisco.

Contractor....O. W. Britt, 330 Ivy Ave., San Francisco.

COST, $15,000

ALTERATIONS

(1186) SW PACIFIC AND PRESIDIO Raise, alter and change dwelling.

Owner.....Arthur Eloesser, 3201 Pacific Ave., S. F.

Architect.....Morris M. Bruce, 1281 Flood Bldg., S. F.

Contractor....Geo. Arthur, 1330 8th Ave San Francisco.

COST, $5000

ALTERATIONS

(1187) SW CALIFORNIA & DAVIS. W 87-6xS 137-6. Ventilating work for alterations and additions to bldg.

Owner.....California Packing Corp., 120 Market, S. F.

Architect.....Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor....J. E. O'Mara, 445 Minna, San Francisco.

Filed Apr. 30, '17. Dated Apr. 23, '17.

Conduits on ceilings of 1st floor in	$720
Conduits of basement in	720
Balance of conduits to roof and registers in	720
Completed and accepted	720
36 days after	960
TOTAL COST,	$3840

Bond, $1920. Surety, Massachusetts Bonding & Insurance Co. Limit, 32 days. Forfeit, $20. Plans and specifications filed.

(1188) HEATING WORK ON ABOVE

Contractor....Atlas Heating & Ventilating Co., 72 Freelon St., San Francisco.

Filed Apr. 30, '17. Dated Apr. 23, '17.

When piping for ceiling of 1st floor in	$ 750
Balance of piping completed	375
Completed and accepted	1160
36 days after	764
TOTAL COST,	$3055

Bond, $1527.50. Surety, New Amsterdam Casualty Co. Limit, 32 days. Forfeit, $20. Plans and specifications filed.

(1189) MARBLE AND TILE FLOORS and tile wainscoting on above.

Contractor....The Rigney Tile Co., 3828 22nd, San Francisco.

Filed Apr. 30, '17. Dated Apr. 25, '17.

On May 1st and 30th, 1917	75%
36 days after	$899.75
TOTAL COST,	$3599.00

Bond, $1799.50. Surety, Fidelity & Deposit Co. Limit, May 30, 1917. Forfeit $15. Plans and specifications filed.

BRICK STORES

(1190) N GEARY 92-1 E Mason. Two story and basement brick stores and lofts.

Owner.....J. D. Grant, Bush and Sansome, San Francisco.

Architect.....Herbert Schmidt, 201 Russ Bldg., S. F.

Contractor....Mahony Bros., 923 Crocker Bldg., S. F.

COST, $18,500

ALTERATIONS

(1191) NO. 942 MARKET. Install elevator, cut windows, add steam heat for each office, plumbing, metal lath and plaster partitions, tinting, etc., for commercial building.

Owner.....Boston Investment Co., 660 Market, San Francisco

Architect.....Will H. Toepke, 48 Kearny, San Francisco.

Day's work. COST, $25,000

STORE FIXTURES

(1192) COR. THIRD AND MARKET. Certain work and store fixtures for store in Claus Spreckels Building (The Star Drug Co.)

Owner.....J. A. Hughes, Bakersfield, California.

Designer.....J. C. Shafer.

Contractor....Braas & Kuhn, 58 Dearborn, San Francisco.

Filed Apr. 30, '17. Dated Apr. 30, '17.

One-half completed	¼
Three-fourth completed	¼
Completed and accepted	¼
Usual 35 days	¼
TOTAL COST,	$6070

Bond $3000. Surety, U. S. Fidelity & Guaranty Co. Limit, 6 weeks. Forfeit, $10. Plans and specifications filed

(1193) REINFORCED CONCRETE mezzanine floor and stairway and brick division wall in basement on above.

Contractor....Hansbrough-Johnson Co., Monadnack Bldg., S. F.

Filed Apr. 30, '17. Dated Apr. 30, '17.

Cement work completed	$1000
Completed and accepted	1250
Usual 35 days	2750
TOTAL COST,	$3000

Bond, $1500. Sureties, Alex Mennie and J. K. Stewart. Limit, 25 days. Forfeit, $10. Plans and specifications filed.

ALTERATIONS

(1194) SE FIFTH AND MARKET. Alterations and additions to 4th floor of Lincoln Building.

Owner.....The Lincoln Realty Co., Mills Bldg., S. F.

Supt.....Joseph Cahen, 333 Kearny, San Francisco.

Contractor....Chas. Wright and Alfred Kohn, 127 Montgomery, San Francisco.

Filed May 1, '17. Dated Apr. 25, '17.

Every 15 days	75%
Usual 35 days	25%
TOTAL COST,	$1780

Bond, $890. Surety, J. D. Isaacs. Limit, 14 days. Forfeit, none. Plans and specifications filed.

First report No. 1127.

FRAME FACTORY

(1195) E HARRIET 100 S Bryant S 25x75. All work except glass in basement doors and sidewalk lights and skylights for one-story and basement frame factory building.

Owner.....W. I. and H. E. Simpton, Monadnock Bldg., S. F.

Architect.....None.

Contractor....John E. Beck, 110 Jessie, San Francisco.

Filed May 1, '17. Dated Apr. 30, '17.

Completed and accepted	$1230
Usual 35 days	420
TOTAL COST,	$1650

Bond, $825. Sureties, P. P. Quinn and

Joel Johnson. Limit, 50 days from April 30, 1917. Forfeit, none. Plans and specifications filed.
First report No. 1030.

FRAME DWELLING
(1196) NO. 1383 QUESADA. One-story and basement frame dwelling.
Owner.....A. Gheso, 1421 Quesada, San Francisco.
Architect.....None.
Day's work. COST, $1600

ELECTRIC SIGN
(1197) NO. 553 GOLDEN GATE AVE. Electric sign.
Owner.....Julius Brunton & Son, 553 Golden Gate, S. F.
Architect.....None.
Contractor....Brumfield Elec. Co., 18 7th, San Francisco.
COST, $400

ADDITION
(1198) NO. 134 ELEVENTH AVE. Add to dwelling.
Owner.....Edw. R. Brady, Premises.
Architect.....None.
Contractor....J. C. Dowlin, 122 4th Ave., San Francisco.
COST, $900

ALTERATIONS
(1199) NO. 548 GREEN. Alterations.
Owner.....N. Foppiano, 451½ Green, San Francisco.
Architect.....None. .
Day's work. COST, $500

FRAME FLATS
(1200) SW FOURTH AVE & IRVING Two-story and basement frame (2) flats.
Owner.....C. A. Hall, 1318 5th Ave., San Francisco.
Architect.....None.
Day's work. COST, $5000

FRAME DWELLING
(1201) N BALBOA 107-6 E 18th Ave. One-story and basement frame dwlg
Owner.....Thos. Hamill, 4109 Balboa San Francisco.
Architect.....None.
Day's work. COST, $2500

FRAME DWELLING
(1202) N IRVING 90 E 28th Ave. Two-story and basement frame dwlg
Owner.....Fernando Nelson & Sons, 2701 Lincoln Way, S. F.
Architect.....None.
Day's work. COST, $2500

FRAME FLATS
(1203) S LOMBARD 40 W Grant Ave. Two-story and basement frame (4) flats.
Owner.....S. Traverso, 407 Lombard San Francisco.
Architect.....Bacigalupi & De Martini, 1731 Grant Ave., S. F.
Day's work. COST, $5000

PLUMBING
(1204) NE PINE AND FRONT E 57-6 xN 87-6. Plumbing, sewering fixtures, etc., for seven-story and basement Class "B" stores and offices.
Owner.....Kate Kirkham Wheeler, 2012 Broadway, S. F.
Architect.....O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor....S. W. Band, 580 Valencia, San Francisco.
Filed May 2, '17. Dated Apr. 17, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $6140
Bond, $3070 Surety, United States Fidelity & Guaranty Co. Limit, 50 days after structural work done. Forfeit, none. Plans and specifications filed.

PIPE RAILING
(1205) SE FOURTH AND MARKET S 170xE 100. All work for interior pipe railing for Class "A" theatre.
Owner.....Market Street Realty Co., Mills Bldg., S. F.
Architect.....Alfred H. Jacobs , 110 Sutter, San Francisco.
Contractor....Monarch Iron Works, 110 Jessie, San Francisco.
Filed May 2, '17. Dated Apr. 17, '17.
Completed $1575
Usual 35 days..... 525
TOTAL COST, $2100
Bond, $2100. Surety, London & Lancashire Indemnity Co. Limit, rapidly as possible. Forfeit, none. Plans and specifications filed.

(1206) PAINTING AND DECORATing on above.
Contractor....D. Zelinsky & Sons, 110 Jessie, San Francisco.
Filed May 2, '17. Dated Mar. 28, '17.
One-fourth completed $1000.00
One-half completed 1000.00
Three-fourth completed 1000.00
Completed 1031.25
Usual 35 days..... 1343.75
TOTAL COST, $5375.00
Bond, $5375. Surety, London & Lancanshire Indemnity Co. Limit, as required. Forfeit, $200. Plans and specifications filed.

EXTEND PORCH
(1207) NO. 3636 WASHINGTON. Extend brick porch.
Owner.....F. Dohrmann, Premises.
Architect.....T. P. Ross, 310 California San Francisco.
Contractor....Brandon & Lawson, 180 Jessie, San Francisco.
COST, $450

FRAME DWELLING
(1208) N NORIEGA 50 W 8th Ave. One and one-half-story and basement frame dwelling.
Owner.....A. M. Samuelson, 3732 21st, San Francisco.
Architect.....None.
Day's work. COST, $1950

SHAVING BIN
(1209) S KING 150 E Third. Erect shaving bin.
Owner.....Pope & Talbot, 859 Third, San Francisco.
Architect.....None.
Day's work. COST, $500

FRAME DWELLING
(1210) E SIXTEENTH AVE 157 S Pacheco. One and one-half-story and basement frame dwelling.
Owner.....Ludwig Goldstein.
Architect.....None.
Contractor....Jos. Leubean & Sons, 765 Haight, San Francisco.
COST, $4000

FRAME FLATS
(1211) S LOMBARD 45-6 W Stockton. Three-story and basement frame (3) flats.
Owner.....Paganini Bros., Premises.
Architect.....L. Traverso, 854 Union, San Francisco..
Day's work. COST, $5000

FRAME DWELLING
(1212) E TWENTY-FIFTH AVE 75 N Anza. One-story and basement frame dwelling.
Owner.....Elmer E. Clark, 574 26th 26th Ave., San Francisco.
Architect.....None.
Day's work. COST, $3000

STORES
(1213) NE VAN NESS AVE & McAllister. Mosaic, marble, concrete fill, Oregon pine floor, carpenter and painting to finish outside store fronts.
Owner.....Hannah de Urioste.
Architect.....J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor....R. A. McLean, 761 17th Ave., San Francisco.
Filed May 3, '17. Dated May 1, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1335
Bond, none. Limit, 30 days. Forfeit, none. Plans andspecifications filed.

FIRE ESCAPES
(1214) NE PINE AND BRODERICK N 137-6 E 110 S 27-6 W 55 S 110 W 55. Fire escapes for three-story and basement frame apartments.
Owner.....R. O'Connor, Ross, Cal.
Supt. .....J. C. Bateman' 593 Market, San Francisco.
Contractor....Central Iron Works, 651 Florida, San Francisco.
Filed May 3, '17. Dated Apr. 24, '17.
90% completed $350
Completed and accepted..... 240
Usual 35 days..... 190
TOTAL COST, $780
Bond, none. Limit, 25 days from May 2. Forfeit, $20. Plans and specifications filed.

FRAME SHED
(1215) FOURTH, FIFTH, BERRY & Channel. One-story frame shed.
Owner.....Hart Wood Lumber Co., 304 Berry, San Francisco.
Architect.....None.
Day's work. COST, $500

ALTERATIONS
(1216) NO. 1063 OAK. Alter flats.
Owner.....Antoni Francisco, Prem.
Architect.....None.
Contractor....Maffei Bros., 231 Pixley, San Francisco.
COST, $800

CONCRETE FOUNDATION
(1217) NO. 215 ARKANSAS. Concrete foundation and new porches.
Owner.....Carlos Torba, Premises.
Architect.....None.
Day's work. COST, $700

FRAME DWELLING
(1218) E MOULTRIE 100 N Crescent. One and one-half-story and basement frame dwelling.
Owner.....J. C. Schmidt, 65 Ellsworth, San Francisco.
Architect.....None.
Day's work. COST, $1500

FRAME RESIDENCE
(1219) W URBANO.. DRIVE 615.. W Alviso, Two-story and basement frame residence.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave., San Francisco.

Architect Jos. A. Leonard, 85 Cerritos Ave., San Francisco.
Day's work. COST, $13,000

ADDITION
(1220) BLK BDED BY TWENTY-third, 24th, Kansas and Rhode Island. All work for three-story addition to present brick factory.
Owner.....Bass Hueter Paint Co., 816 Mission, S. F.
Plans by Contractor
Contractor....Palmer & Petersen, Monadnock Bldg., S. F.
Filed May 4, '17. Dated May 3, '17.
On 1st and 15th of each month payments of cost of labor and material .....
Usual 35 days, fee of..... 10%
For cost of labor and material plus 10%, TOTAL not to exceed $14,931
Bond, none. Limit, 60 days. Forfeit, $20. Plans and specifications filed.

ALTERATIONS
(1221) SW ELEVENTH AVE AND Irving 57-6 on Irving and 100 on Eleventh Ave. All work for alterations and additions to church bldg.
Owner.....The Bishop of the Protestant Espicopal Church of the Diocese of Cal.
Architect .....None.
Contractor....P. J. Cole, 110 Jessie, San Francisco.
Filed May 4, '17. Dated May 4, '17.
Building raised and resting on new foundation $1000
Accepted 1250
Balance 750
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PLUMBING AND HEATING
(1222) SW VAN NESS AVE AND Greenwich 137-6 on Van Ness and 154-9 on Greenwich. Plumbing and heating for apartment building.
Owner.....F. J. Wrampelmeier, Monadnock Bldg., S. F.
Architect.....W. T. Steilberg, Oakland Bank of Savings Bldg., Oakland.
Contractor....James & Drucker, 450 Hayes, San Francisco.
Filed May 4, '17. Dated May 3, '17.
Roughed in 50%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $10,217
Bond, $5500. Surety, New Amsterdam Casualty Co. Limit, forfeit, none. Plans and specifications filed.

FRAME APRATMENTS
(1223) NW GEARY AND BAKER. All work for three-story frame building; apartments on 3rd floor and loft and work shop on 1st and 2nd floors.
Owner.....J. E. and Lottie Emmons, 2400 Geary, S. F.
Architect .....Rousseau & Rousseau, Inc., 110 Sutter, S. F.
Contractor....Wm. Little, 664 10th Ave., San Francisco.
Filed May 4, '17. Dated May 3, '17.
Frame up $1800
Ready for brown coat..... 1800
Completed and accepted..... 1800
Usual 35 days..... 1800
TOTAL COST, $7200
Bond, $3600. Sureties, Jas. H. Hardy and E. V. Lacey. Limit, 65 days. Forfeit, none. Plans and specifications filed.
First report 1114

BRICK STORES
(1224) NW MISSION AND 30TH 50 on Mission and 73-10¾ on 30th. All work for one-story and basement brick store building.
Owner A. Granucci & Theodore P. Murphy, 602 California, San Francisco.
Architect .....L. Traverso, 854 Union, San Francisco.
Contractor R. A. McLean, 761 17th Ave., San Francisco.
Filed May 4, '17. Dated Apr. 28, '17.
On completion of foundation....$1500
Brick walls 15 feet high..... 2600
Brown coated 1500
Marble work completed 1500
Completed and accepted..... 850
Usual 35 days..... 2650
TOTAL COST, $10,600
Bond, none. Limit, 60 days from May 1. Forfeit, none. Plans and specifications filed.

LIBRARY BUILDING
(1225) SW GREEN AND OCTAVIA S 50xN 124-7. Excavating, concrete, paving, brick work, terra cotta setting, tile roofing, carpenter, mill, structural steel, plastering, sheet metal, roofing, ornamental iron, marble, structural steel, glass and hardware for Golden Gate Branch Library Building (1-story and basement Class "C" building).
Owner .....City & County of S. F. by Board of Trustees of the Public Library & Reading Rooms.
Architect .....Coxhead & Coxhead, Hearst Bldg., S. F.
Contractor....C. E. McMullen, 110 Jessie San Francisco.
Filed May 4, '17. Dated May 2, '17.
On completion of concrete work (exclusive of paving).....$4000
All concrete work completed of rear roof and main roof ready for tiling 4000
Plastering completed, brick and terra cotta completed to window sills 4500
Completed and accepted..... 5266
Usual 35 days..... 5922
TOTAL COST, $23,688
Bond, $11,844 in favor material men and $5922 in favor of owner. Surety, U. S. Fidelity & Guarantee Co. Limit, 200 days. Forfeit, $10. Plans and specifications filed.

(1226) PLUMBING & GAS FITTING on above.
Contractor....J. E. O'Mara, 445 Minna, San Francisco.
Filed May 4, '17. Dated May 2, '17.
Roughed in $470
Completed and accepted..... 471
Usual 35 days..... 314
TOTAL COST, $1255
Bond, $313.75 in favor of owner and $627.50 favor material men. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

(1227) TERRA COTTA WORK ON above.
Contractor....Gladding, McBean & Co., Crocker Bldg., S. F.
Filed May 4, '17. Dated May 2, '17.
Work up to level of window sills $2317
Work up to top of window sills completed 2318
Completed and accepted..... 2317
Usual 35 days..... 2318
TOTAL COST, $9270
Bond, $2318 in favor of owner and $4635 in favor of material men Surety Massachusetts Bonding & Insurance Co. Limit, 120 days. Forfeit, $10. Plans and specifications filed.

(1228) HEATING ON ABOVE.
Contractor Scott Co., 243 Minna, S. F
Filed May 4, '17. Dated May 2, '17.
Roughing in boiler and oil tank done $1000
Completed and accepted..... 600
Usual 35 days..... 535
TOTAL COST, $2135
Two bonds, material men and owner, $1068 each. Surety, New Amsterdam Casualty Co. Limit, 40 days before completion of building. Forfeit, none. Plans and specifications filed.

(1229) ELECTRICAL WORK ON above.
Contractor....Asher Electrical Co., 110 Jessie, San Francisco.
Filed May 4, '17. Dated May 3, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $960
Bond, $480 in favor of material men and $240 in favor of owner. Surety Hartford Accident & Indemnity Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1230) PAINTING ON ABOVE.
Contractor....Harry Graper, 50 Farren, San Francisco.
Filed May 4, '17. Dated May 2, '17.
Completed and accepted.....$450
Usual 35 days..... 150
TOTAL COST, $600
Bond, $300 in favor of material men and $150 in favor of owner. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1231) NO. 316 LONDON. Raise and alter dwelling.
Owner.....Claus & Elizabeth Holdhusen, 316 London, S. F.
Architect .....None.
Contractor....John Moroncelli, 11 Bennington, San Francisco.
COST, $550

FRAME FLATS
(1232) W TWENTY-FOURTH AVE 150 S Clement. Two-story and basement frame (2) flats.
Owner.....Jonathan Anderson, 423 16th Ave. San Francisco.
Architect .....None.
Contractor....Alfred Johnson, 433 24th Ave., San Francisco.
COST, $4200

GLASS COUNTER TOPS
(1233) SW CALIFORNIA AND DAVIS W 87-6xS 137-6. Glass counter tops for alterations and additions to bldg.
Owner.....California Packing Corp. 120 Market, S. F.
Architect .....Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor....Vitrolite Constr. Co., 1490 Mission, San Francisco.
Filed May 5, '17. Dated Apr. 30, '17.
Completed and accepted.....$1333.96
36 days after 444.65
TOTAL COST, $1778.61

Bond $xxx. Surety, The Aetna Accident & Liability Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1234) MARBLE WORK FOR watercloset partitions, marble stair treads and risers from 1st story to mezzanine and marble covering for vestibule on above.
Contractor. Joseph Musto Sons-Keenan Co., 35 North Point, San Francisco.
Filed May 5, '17. Dated Apr. 28, '17.
Completed and accepted $1874.05
36 days after 624.69
TOTAL COST, $2498.74
Bond, $1249. Sureties, Alfred E. and Romolo A' Sbarboro. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1235) LOT 33 BLK 20, Forest Hill. All work except finish hardware, light fixtures, shades and wall paper for two-story and basement frame residence.
Owner.....Geo. T. Poole and wife, 133 Geary, San Francisco.
Architect.....Falch & Knoll, Hearst Bldg., San Francisco.
Contractor....Higginson Co., Inc., Humboldt Bank Bldg., S. F.
Filed May 5, '17. Dated Apr. 28, '17.
Frame up and roof boards on....$1549
Brown coated 1549
Completed and accepted..... 1548
Usual 35 days..... 1549
TOTAL COST, $6195
Bond, $3097.50. Sureties, J. H. McCallum and F. O. Benner. Limit, 90 days from filing. Forfeit, none. Plans and specifications filed.

BUILDING PERMIT TOTALS FOR APRIL.

The following is a report of Building Operations throughout the City and County for the month of April, 1917, as shown by the records of the Bureau of Building Inspection:

Class	No. of Bldgs.	Cost
"B"	2	$110,000
"C"	15	102,473
Frames	112	385,438
Alterations	383	176,133
Harbor Bldgs.	1	60,680
Public Bldgs.	3	72,122
Total	516	$906,846

For the same period last year the totals of the Bureau show 629 permits issued estimated to cost $2,247,187.

NOTICE OF NON-RESPONSIBILITY.

San Francisco County.

Apr. 30, 1917—N POST 37-6 E Buchanan E 25xN 87-6. Minnie D Jacobs as to improvements on leased property .....
Apr. 30, 1917 N MARKET 117 W Reservoir W 2xN 100. Kate A Benson as to improvements on leased property .....
May 3, 1917—OUTSIDE LAND BLK 1261-1262-1263. G W or Geroge W Greene as to improvements on leased property .....
May 1, 1917—E TAYLOR 65 S Jefferson S 30xE 50. Commercial Center Realty Co as to improvements on leased property.....
May 2 1917 S MARKET & THIRD SW 75xSE 70. City Investment Co as to improvements on leased property .....

LEASES.

San Francisco County.

Apr. 30, 1917—NE DUBOCE AV (13th) 205.44 SE Mission SE 75 th NE at angle 158.63 NW to a point fromed by intersection of a line with a line running NE at an angle 92 deg 31 min to NE Duboce Ave at beg SW to beg. Frederick W, Peter H Krone and Kathryn M Eden to The Pacific Telegraph & Telephone Co. 2 years $100 per month with option to purchase.
Apr. 30, 1917—N O'FARRELL 150-6 W Scott W 75xN 137-6. Pacific Improvement Co to Sanford G Lewald Co. 5 years. $3900.
Apr. 30, 1917—E TAYLOR 65 S Jefferson S 30xE 50. Commercial Realty Co to Leonardo Bologna. 10 years. $4200.
Apr. 30, 1917—W SAN BRUNO AVE and Felton NW 25xSW 90. Wm D Brown to Idal Waissman and David Rothman. 5 years. $1800.
May 2, 1917—SW HARRISON AND 18th W 187-3 S 93-1 E 12 N 22 E 80-9 NE 72-5 SE 18-8 NE 11 N 85-3. Mission Soap & Candle Works to Pacific Foundry Co. $22,500. May 30, 1922.
May 1, 1917—S TWENTY-EIGHTH 130 W Noe W 75xS 114. Louise M Wedel to J E Thompson. 30 months. $10.

ASSIGNMENT OF LIEN.

San Francisco County.

May 2, 1917—W ARGUELLO BLVD 50 S Anza — 25; W Arguello Blvd 100 S Anza S 25 Int in Deed of Trust; S Anza 79-1 E 24th Ave E 25xS 100. Patrick J McGaffigan to Mary Henrietta McGaffigan.....

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
Apr. 28, 1917—NE POST & FRANKlin E 82-6xN 120. Alma M Gillig to Barrett & Hilp.....Apr. 2, 1917
Apr. 30, 1917—E MISSION 40 S Virginia Ave W 20xS 83-6. G Cuneo and P Isola to Demartini & Segale.....April 21, 1917
Apr. 30, 1917—NO. 31 JANSEN bet. Lombard and Greenwich. F Cormond to whom it may concern.....April 23, 1917
Apr. 30, 1917—SE BLUXOME 320-10 NE Fifth NE 91-8xSE 120. Timothy Hopkins to Brandon & Lawson.....April 20, 1917
Apr. 30, 1917—SW THIRD 95 SE Market SE 75 SW 95 NW 70 NE 20 NW 5 NE 75. City Investment Co to G P W Jensen.....April 30, 1917
Apr. 30, 1917—E GOUGH 31-2 N Filbert N 48-11xE 80. J Pasqualetti to whom it may concern.....Completed
Apr. 30, 1917—N GREEN 107-6 W Webster W 30xN 137-6. Geo Geoppert to Foulkes & Hildebrand.....April 30, 1917
Apr. 30, 1917—S SIXTEENTH 75 E Capp E 26xS 75. Edward F Franks to A W Bryant.....April 27, 1917
Apr. 30, 1917—E ARGUELLO BLVD 325-1¾ N Euclid Ave N 50xE 120. York Realty Co to whom it may concern.....April 30, 1917
May 1, 1917—LOT 230 Gift Map No. 3. Anna Barbara Kemp to G A Johnson.....May 1, 1917
May 1, 1917—SE CLAY & BUCHANan No. 2231 Clay. John I Walter to Stockholm & Allyn....Apr. 23, 1917
May 1, 1917—PTN LYON ST. bet Broadway and a line 137-6 N from and parallel to Broadway. William A Magee to J Pasqualetti.....April 30, 1917
May 1, 1917—S PINE 103-1½ E Sansome E 34-4½xS 137-6. L A Myers to whom it may concern..May 1, 1917
May 2, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to W D Creighton..May 1, 1917
May 2, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to G McElhinney Tile Co. .....May 1, 1917
May 2, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to W D Henderson.....May 1, 1917
May 3, 1917—SE CLAY AND BUchanan No. 2231 Clay. John I Walter to Grace & Bernieri.....April 23, 1917
May 3, 1917—LOT 15 BLK "X" Park Lane Tract Map 3. John Johnson to whom it may concern..May 1, 1917
May 3, 1917—SE WASHINGTON & Gough S 45-2¼xE 137-6. Kathleen Y Thieriot to S A Born Bldg Co.....May 1, 1917
May 4, 1917—NW PRECITA AVE 27-5⅝ NE Florida NE 32-11 N 77-10⅛ W 30 S 92-11⅝. Harrold F Everett to Wm Miller..May 2, 1917
May 4, 1917—E JONES 25 S Chestnut 25x65. G Tomaghelli to whom it may concern.....May 4, 1917
May 4, 1917—NW PRECITA AVE 60-4⅝ NE from E Florida NE 32-11 more or less N 62-8½ more or less W 30 S 77-1⅛ more or less Wiliam Miller to whom it may concern. .....May 4, 1917
May 4, 1917—E TWELFTH AVE 125 N K N 25x120. A. C. Schlundt to H. J. Hansen.....April 30, 1917
May 4, 1917—E FORTY-SECOND Ave 250 S Balboa S 25xE 120. Thomas Hamill to whom it may concern .....May 4, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT
Apr. 28, 1917—N O'FARRELL 355.6 W Steiner W 22xN 82.6. M Stulsaft Co vs Red Front Plumbing & Hardware Co and Cathe Anderson $52.43
Apr. 28, 1917—NW CALIFORNIA & E Eighth Ave N 90-1¼ E 32-6 S 86-9⅛ SW 32-8. Daniel Hayes vs Jose V de Ryana, J Goldstein and H H Weidner.....$196.09
Apr. 30, 1917—LOT 23 and W 6 ft Lot 22 Blk 2976, Merritt Terrace W H Meyers vs Chas King, B O Smith and Adolph Gunzendorfer and Chas H Dyett.....$85
Apr. 30, 1917—N GREEN 97-6 W Leavenworth W 40xN 60. A D Nelson vs Roscoe L Logan.....$571.26

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
861	Taft	Cederborg	500
862	Sueboda	Darling	450
863	Ansel	Broadway	800
864	Howson	Graff	4250
865	Beresford	Krosca	2000
866	Jonas	Rubenstein	3500
867	Dalziel	Nelson	7980
868	Stivers	Stivers	400
869	Dwyer	Wooley	400
870	S F O T Ry.	Schnebly	1500
871	Lewis	Graff	- —
875	Gardner	Hopper	6451
876	Ford	Ford	800
877	Whitaker	Rose	400
880	Montgomery	Vezey	3481
881	Geitner	Pfrang	2500
882	Sinclair	Forbes	29488
883	Williams	Lord	400
884	Hillen	Hillen	2000
885	Same	Same	2000
886	Same	Same	2000
887	Same	Same	2000
888	Same	Same	2000
889	Same	Same	2000
890	Same	Same	2000
891	Same	Same	2000
892	Same	Same	2000
893	Same	Same	2000
894	Same	Same	2000
895	Same	Same	2000
896	Same	Same	2000
897	Same	Same	2000
898	Harrison	Wooley	700
899	Hillen	Hillen	2000
900	Dolan	Dolan	2500
901	Woodard	Woodard	1800
902	Same	Same	1800
903	Sandelin	Hachman	1900
914	Westphal	Jessup	1025
915	Busalacchi	Hedenn	500
916	Stallard	Boyd	2000

GARAGE
(861) NO. 137 MONTECITO AVE., Oakland. Garage.
Owner.....A. C. Taft.
Architect .....Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor....Cederborg & Anderson, 1445 E-37th, Oakland.
COST, $500

ALTERATIONS
(862) NO. 1305 FILBERT, Oakland. Alterations and additions.
Owner.....Mary E. Sueboda, Ala.
Architect .....None.
Contractor... A. D. Darling, 2900 23rd Ave., Oakland.
COST, $450

DWELLING
(863) S WHITTLE AVE 125 E Fruitvale, Oakland. One-story 4-room dwelling.
Owner.....Mrs. A. Ansel, 3428 Davis, Oakland.
Architect .....None.
Contractor .. H. Broadway, 3438 Paxton Oakland.
COST, $800

DWELLING
(864) W MARIPOSA 200 S Los Angeles, Berkeley. Two-story 6-room dwelling.
Owner.....Geo. Howson, 1422 San Pablo Ave., Oakland.
Architect .....None.
Contractor Edwin C. Graff, 1440 Broadway, Oakland.
COST, $4250

DWELLING
(865) MARIN AND OXFORD, Berkeley. One-story 5-room dwelling.
Owner.....Maude A. Beresford, 1000 Pine, San Francisco.
Architect .....None.
Contractor E. I. Krosca, 1908 Yolo Ave., Berkeley.
COST, $2000

FACTORY
(866) LOTS 25 AND 26, BLK 14, Kellersberger's Survey City of of Oakland. All work for one-story brick sausage factory.
Owner.....M. and Lilly Harris and Sara Jonas, Oakland.
Architect.....A. W. Smith, 1010 Broadway Oakland.
Contractor....K. Rubenstein, Oakland.
Filed May 1, '17. Dated Apr. 30, '17.
Walls ready for joists $1000
Roofed and floored 1000
Completed and accepted 600
Usual 35 days 900
TOTAL COST, $3500
Bond, $1750. Sureties, N. Savin and J. Gruttman. Forfeit, $5. Limit, June 14. Plans and specifications filed.

DWELLING
(867) S LA SALLE AVE 100 W Mandana Blvd., or Crocker Ave., S 139.62 W 100 N 152.40 E to point begin. All work for two-story and basement frame dwelling.
Owner.....Andrew Dalziel, 3831 Grove, Oakland.
Architect.....William E. Milwain, Albany Bldg., Oakland..
Contractor....H. P. Nelson, 2241 Grove, Berkeley.
Filed Apr. 30, '17. Dated Apr. 30, '17.
Frame up and chimneys built.... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $7,980
Bond, $3,990. Sureties, Laura B. and Wiliam Nelson. Forfeit, $2.50. Limit, 100 days. Plans and specifications filed.

ALTERATIONS
(868) NO. 340 SIXTY-THIRD, Oakland. Alterations and additions.
Owner.....D. A. Stivers, Premises.
Architect .....None.
Day's work. COST, $400

ALTERATIONS
(869) E WEBSTER 200 N 35th, Oakland. Alterations.
Owner.....Mrs. Dwyer, Premises.
Architect .....None.
Contractor....Wooley & Rich, 4051 Telegraph Ave., Oakland.
COST, $400

ALTERATIONS
(870) TWENTY-SECOND & BROADway, Oakland. Alterations to Arcade.
Owner.....San Francisco - Oakland Terminal Railway, 2179 Grove, Oakland.
Architect .....None.
Contractor....Schnebly & Hostrawser, 6th & Jefferson, Oakland.
COST, $1500

ALTERATIONS
(871) SAN LEANDRO. Alter pickle works and erect new building
Owner.....Lewis Packing Co.
Architect .....None.
Contractor Edwin C. Graff, Syndicate Bldg., Oakland.
COST, $

FRAME DWELLING
(874) LOT 13 AND E 5 LOT 14, BLK 5, East Piedmont HeightsExtension, Oakland. All work for two-story and basement frame dwelling.
Owner Chas. W. Gardner, Oakland.
Architect.....Chas. W. McCall, Central Bank Bldg., Oakland..
Contractor....Myron E. and Marshall E. Hopper, 90 Glen avenue, Oakland.
Filed May 1, '17. Dated Apr. 24, '17.
Frame up, roof sheathed and chimney build $1610.00
Brown coated 1610.00
Completed and accepted 1610.00
Usual 35 days 1621.55
TOTAL COST, $6,451.55
Bond, $3,226. Sureties, U. S. Fidelity and Guaranty Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(876) W MANILA AVE 150 S Hudson, Oakland. One and one-half-story 4-room dwelling.
Owner.....W. J. Ford, 5373 Manila Ave., Oakland.
Architect .....None.
Day's work. COST, $800

ALTERATIONS
(877) NO. 1540 BROADWAY, Oakland. Alterations.
Owner.....E. A. Whitaker, 2302 17th Ave., Oakland.
Architect .....None.
Contractor....A. H. Rose & Co., 545 17th, Oakland.
COST, $400

FRAME STORE
(880) E 73 LOT 30 BLK 2091, Map Central Oakland Tract, Oakland. All work for one-story frame store.
Owner.....Margaret H. and Jane E. Montgomery, 1815 Grove, Oakland.
Architect.....William E. Milwain, Albany Block, Oakland.
Contractor....Lawton & Vezey, 357 12th street, Oakland.
Filed May 3, '17. Dated May 3, '17.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3,481
Bond, $1,750. Sureties, H. J. Quinn and Ralph E. Eltse. Forfeit, $2.50. Limit, 33 days. Plans and specifications filed.

DWELLING
(881) E SHAFTER AVE 200 N 41st, Oakland. One-story 5-room dwlg.
Owner.....W. Geitner.
Architect .....None.
Contractor....C. J. Pfrang, 5487 Claremont Ave., Oakland.
COST, $2500

APARTMENTS
(882) N BELMONT 360 W Staten Ave., Oakland. Three-story 53-room apartments.
Owner Frederick Sinclair, 402 Grand Ave., Oakland.
Architect ... L. F. Hyde, 2745 26th Ave., Oakland.

Contractor....E. C. Forbes, 2828 Prince, Berkeley.
COST, $29,488

ALTERATIONS
(883) NO. 3755 SHAFTER AVE., Oakland. Alterations.
Owner....Mrs. Jos. Williams, 1744 8th, Oakland.
Architect....None.
Contractor....Martin L. Lord, 1625 Grant, Berkeley.
COST, $400

DWELLING
(884) SW MONTANA AND MAPLE, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(885) NW ARKANSAS AND MAPLE, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work .... COST, $2000

DWELLING
(886) SW ARKANSAS AND MAPLE, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(887) N MAINE 35 E Curran, Oakland. One-story 5-room dwelling.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(888) NE MAINE AND CURRAN, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(889) N ARKANSAS 41 W Maple, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(890) S ARKANSAS 35 E Curran, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(891) S REDDING 70 E Maybelle, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(892) S REDDING 35 E Maybelle, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(893) W VALE 140 S Porter, Oakland. One-story 5-room dwelling.
Owner....R. C. Hillen, 430 Haight Ave, Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(894) N PORTER 117 E Maybelle, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(895) W MAPLE AVE 80 S Arkansas, Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(896) W HIGH 80 S Redding, Oakland. One-story 5-room dwelling.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(897) W VALE 105 S Porter, Oakland. One-story 5-room dwelling.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

ALTERATIONS
(898) SE E-FOURTEENTH & HIGH, Oakland. Alterations.
Owner....Chas. Harrison, NE E-13th and High, Oakland.
Architect....None.
Contractor....Wooley & Rich, 4051 Telegraph Ave., Oakland.
COST, $700

DWELLING
(899) W MAPLE AVE 40 S Arkansas Oakland. One-story 5-room dwlg.
Owner....R. C. Hillen, 430 Haight Ave., Alameda.
Architect....None.
Day's work. COST, $2000

DWELLING
(900) N FAIRBANKS AVE 150 W Kenmore, Oakland. One-story six-room dwelling.
Owner....L. J. Dolan, 3827 Everett, Oakland.
Architect....None.
Day's work. COST, $3500

DWELLING
(901) S E-THIRTY-SEVENTH 100 W Woodruff Ave., Oakland. One-story 5-room dwelling.
Owner....Mabel Woodard.
Architect....None.
Contractor....E. W. Woodard, 4025 Brighton Ave., Oakland.
COST, $1800

DWELLING
(902) SE WOODRUFF AVE AND Miami Court, Oakland. One-story 5-room dwelling.
Owner....Mabel Woodard.
Architect....None.
Contractor....E. W. Woodard, 4025 Brighton Ave., Oakland.
COST, $1800

DWELLING
(903) W 107TH AVE 75 N Royal Ann Oakland. One-story 5-room dwlg.
Owner....S. Sandelin, 938 Chester, Oakland.
Architect....None.
Contractor....John Hachman, 1244 51st Ave., Oakland.
COST, $1900

ALTERATIONS
(914) NO. 432 FOURTEENTH, Oakland. Alterations to make into hairdressing parlors.
Owner....Westphal Estate.
Architect....None.
Contractor....F. H. Jessup, 69 Echo Ave., Oakland.
COST, $1025

ALTERATIONS
(915) NO. 2125 FORTY-EIGHTH AV., Oakland. Alterations and additions.
Owner....Vincent Busalacchi, Prem
Architect....None.
Contractor....O. Hedeen, 2153 48th Ave., Oakland.
COST, $500

(916) W RANDOLPH 300 S E-38th, Oakland. One-story 5-room dwlg.
Owner....T. A. Stallard, 3717 Randolph Ave., Oakland.
Architect....None.
Contractor....W. E. Boyd, 4175 Park Blvd., Oakland.
COST, $2000

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
859	Taylor	Taylor	1250
860	Faye	Kollmer	6000
872	Butler	Allen	400
873	Alexander	Franks	1650
874	Alexander	Franks	8775
878	Gaiha	Caretto	400
879	Bkly Bk Svgs.	McCullough	3000
904	Hillen	Hillen	2000
905	Hillen	Hillen	2000
906	Hillen	Hillen	2000
907	Hillen	Hillen	2000
908	Hillen	Hillen	2000
909	Hillen	Hillen	2000
910	Hillen	Hillen	2000
911	Hillen	Hillen	2000
912	Hillen	Hillen	2000
913	Hillen	Hillen	2000

DWELLING
(859) W SACRAMENTO 138 N Ada, Berkeley. One-story 4-room dwlg.
Owner....W. E. Taylor, 1433 Ada,
Architect....None.
Day's work. COST, $1250

ALTERATIONS
(860) NO. 3060 CLAREMONT AVE., Berkeley.. Addition and alteration to dwelling.
Owner....H. P. Faye, Premises.
Architect....Henry H. Gutterson, 68 Post, San Francisco.
Contractor....Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $6000

ALTERATIONS
(872) NO. 2352 SHATTUCK AVE., Berkeley. Alterations.
Owner....Butler-Veitch Co., Prem.
Architect....None.
Contractor....F. E. Allen, 2445 Ward Ave., Berkeley.
COST, $400

GRADING AND DRAINS
(873) DOMINGO AVE AND TUNNEL Road, Berkeley. All work of grading and drains for ten tennis courts for Berkeley Tennis Club.
Owner....W. M. Alexander and J. C. Rohlfs, Trustees.
Cons't Manager....Frederick Whitton, 805 Charleston Bldg., S. F.
Contractor....H. E. Franks, 2709 McGee Ave., Berkeley.
Filed May 2, '17. Dated Apr. 24, '17.
Semi-monthly 75%
Usual 35 days 25%
TOTAL COST, $1650
Bond, Sureties, none. Forfeit $10. Limit, 40 days. Plans and specifications filed.

(874) CONCRETE WORK ON ABOVE
Contractor....H. E. Franks, 2709 McGee Ave., Berkeley.
Filed May 2, '17. Dated Apr. 24, '17. Payments same as above.
TOTAL COST, $8775
Bond, Sureties, none. Forfeit, $20. Limit, 45 days after May 15. Plans and specifications filed.

ALTERATIONS
(878) NO. 910 GRAYSON, Berkeley. Alterations.
Owner.....G. Gaiha, Premises.
Architect .....None.
Contractor....C. Caretto, 2314 8th, Bkly
COST, $400

ADDITION
(879) NO. 2270 SHATTUCK AVE., Berkeley. Two-story brick addition to bank.
Owner.....Berkeley Bank of Savings & Trust Co.
Architect .....None.
Contractor....Henry McCullough, 1641 Allston Way, Berkeley.
COST, $3000

DWELLING
(904) SW CHANNING and Byron, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(905) E SACRAMENTO 345 N Dwight, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(906) E SACRAMENTO 489 N Dwight, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(907) E SACRAMENTO 417 N Dwight, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(908) E SACRAMENTO 453 N Dwight, Berkeley. One-story, five-room dwelling.
Owner R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(909) E SACRAMENTO 381 N Dwight, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(910) E SACRAMENTO 448 N Cedar, Berkeley. One-story, five-room Dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(911) S CHANNING 80 W Curtis, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(912) W CURTIS 165 S Channing, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

DWELLING
(913) W BROWNING 374 N Allston, Berkeley. One-story, five-room dwelling.
Owner.....R. C. Hillen, 430 Haight avenue, Alameda.
Architect.....None.
Day's work. COST, $2,000

NOTICE OF NON-RESPONSIBILITY.

Alameda County.

May 2, 1917—SE E-FOURTEENTH and High E 52½xS 125, Oakland. Charles Harrison as to improvements on leased property.....

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
Apr. 28, 1917—S ALAMEDA AVE 250 W Oak S 150 W 14 S 140 W 186 N 290 E to pt beg, Alameda. City of Alameda to Harvey A Klyce.....April 25,1917
May 1, 1917—LOT 6, BLK C, Map East Piedmont Heights, Oakland. Banning & Stewart Constrcution Co. to whom it may concern.....April 28, 1917
May 1, 1917—NO. 652 CHETWOOD street, Oakland. Mrs. Adelaide Eastman to L. S. Lewis..Apr. 20,1917
May 1, 1917—SW E-FOURTEENTH street 68 NW 35th Ave NW 30x SW 100, Oakland. Frank Vielhauer to E. D. Bassett .....May 1, 1917
May 1, 1917—LOT 40, BLK J, Map Fourth Ave. Terrace, Oakland Walter Jarvis to whom it may concern .....April 30, 1917
May 2, 1917—PTN LOTS 7 AND 8, Blk 18, Map North Cragmont, Oakland Tp. I. Ariel Kellogg to whom it may concern Apr 30, 1917
May 2, 1917—LOT 24, BLK 13, Resubdivision Blk 15 and ptn Blk 16, Rock Ridge Terrace, Oakland. J. N. and Eva M. Edmonds to Blake Bros. Co. .....Apr. 27, 1917
May 2, 1917—LOTS 20-31 AND N 10 lot 30, Blk 13, Resubdivision Blks 9, 10, 11, 12, 13, 14, and ptn blk 16, Rock Ridge Terrace, Oakland. A. F. Shulte to Blake Bros. Co.....April 21, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
Apr. 30, 1917—LOT 4 BLK A, Plat property James Riddell, Alameda. E. K. Wood Lumber Co. vs. Alex Melliras, John G. and Nellie Croll and C. A. Brown.....$47.20
May 1, 1917—N TWENTY-EIGHTH 40 E Myrtle E 85xN 100, Oakland. G Einars vs E A Ingram and A L Young $248
May 3, 1917—LOT 4 AND PTN LOT 15, Blk 7, Resubdivision Blks 9, 10, 11, 12, 13, 14, and ptn Blk 16, Rock Ridge Terrace, Oakland. John P. Maxwell (Maxwell Hdw. Co.) vs. Clarence L. and Effie L. Belt and Otto R. Stoeckel.....$293.14

BUILDING CONTRACTS.

San Mateo County.

ADDITION
SOUTH SAN FRANCISCO, San Mateo County. All work for three-story and basement mill construction factory addition.
Owner.....Bass-Heuter Paint Co., 816 Mission, S. F.
Architect .....None.
Contractor....Palmer & Peterson, Monadnock Bldg., S. F.
COST, $15,000

FRAME RESIDENCE.
BURLINGAME HEIGHTS, San Mateo. All work for one and one-half-story and basement frame residence.
Owner.....Philip Scheu.
Architect .....Thomas Edwards, Bank Bldg., Burlingame.
Contractor....Catherwood & Hamilton, Burlingame, Cal.
COST, $3100

FRAME BUNGALOWS
BURLINGAME, CAL. All work for two frame bungalows to cost $3000 each.
Owner.....Dr. C. P. Pond, 1520 Encinal Ave., Alameda.
Architect .....None.
Day's work. COST, $6000

DWELLING
LOT 7 EL CERRITO HEIGHTS, Hillsboro, San Mateo. All work for two-story dwelling and garage..
Owner.....Frances M. Breeze.
Architect .....W. S. Leadley, San Mateo
Contractor....Leadley & Wiseman, 207 Second St., San Mateo
Filed Apr. 28, '17. Dated Apr. 14, 17.
Sheathed and roofed $2500
When plastered 2600
When completed 3400
TOTAL COST, $8000

Bond, $4000. Sureties, F. J. Rochex and Wm. F. Turnbull. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
LOT 12 Abbey Tract, Daly City. All work for frame dwelling.
Owner.....E. Larson & P. Bengtson, Berkeley.
Architect .....None.
Contractor....Gust Bloomquist, Daly City, Cal.
Filed Apr. 30, '17. Dated Apr. 30, '17.
When framed $800
Brown plastered 600
When completed 700
Usual 35 days..... 150
TOTAL COST, $2250
Bond, none. Limit, 80 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES.

San Mateo County.

RECORDED ACCEPTED
Apr. 28, 1917—PORTOLA. William M Fitzhugh to F W Fox..Apr. 24, '17

RELEASE OF LIENS

San Mateo County.

RECORDED AMOUNT
Apr. 30, 1917—PTN LOT 8 BLK 6, Western Addition to Town of San Mateo. Wisnom Bonner Hardware Co to J J Morey, H W Arnold, Grace E Sibley & R R Sibley..$119.32

LIENS FILED.

San Mateo County.

RECORDED AMOUNT
Apr. 28, 1917—LOT 24 BLK "K," Hayward Park, San Mateo.. L W Phillips and Harry Bobbitt vs George W Kneass and J I Thomas $39.75
Apr. 28, 1917—LOT 24 BLK "K," Hayward Park, San Mateo. San Mateo Planing Mill Co vs George W Kneass, Jr, Edith R Kneass and Thomas & Clark (J I Thomas and Davis Clark).....$401.29
Apr 28, 1917—LOT 7 BLK 22, Easton Add'n to Burlingame No. 2, Burlingame. San Mateo Planing Mill Co vs Beatrice and E G Lloyd and Henry East $262.05

BUILDING CONTRACTS.

Marin County.

BUNGALOW
SAN ANSELMO. Carpenter work, etc. for bungalow.
Owner.....E. A. Biichse.
Architect .....None.
Contractor....R. Leonhart, Tamalpais Ave., San Anselmo.
Filed Apr. 28, '17. Dated Apr. 23, '17.
Frame up $875
When plastered 875
When completed 875
Usual 35 days 875
TOTAL COST, $3500
Bond, none. Limit, July 23. Forfeit, none. Plans only filed.

BUILDING CONTRACTS.

Contra Costa County.

FRAME DWELLING
EIGHTEENTH ST., bet. Nevin and Barrett, Richmond. One-story frame dwelling.
Owner..... Maria Desposito, 1616 Macdonald Ave., Richmond.
Architect .....None.
Contractor....M. Morton, Builders' Exchange, Richmond.
COST, $1800

BRICK GARAGE
NINTH ST., bet. Macdonald & Bissell Sts., Richmond. One-story brick garage.
Owner.....Noble & Oeschenreiter, 2d and Macdonald, Richmond
Architect .....J. B. Ogborn, 821 Bissell, Richmond.
Contractor....Carl Overaa, 1808 Roosevelt Ave., Richmond.
COST, $5878

FRAME COTTAGE
S-NINETEENTH ST., bet. Virginia & Cutting Blvd., Richmond. One-story frame cottage.
Owner.....H. Furseth, 18th & Roosevelt, Richmond.
Architert .....None.
Contractor....Carl Overaa, 1808 Roosevelt Ave., Richmond.
COST, $1500

FRAME COTTAGE
FLORIDA ST., bet. 10th and 11th Sts., Richmond. One-story frame cottage
Owner.....Chas. Swartout, 240 7th St., Richmond.
Architect .....None.
Contractor....Chris Lehman, San Pablo
COST, $1731

THIRD ST., bet. Barrett and Ripley, Richmond. One-story frame cottage
Owner.....C. E. Mentzes, 255 2nd St., Richmond.
Architect .....None.
Day's work. COST, $1200

FRAME COTTAGE
SW THIRD AND RIPLEY STS., Richmond. One-story frame cottage.
Owner.....C. E. Mentzes, 255 2nd St., Richmond.
Architect .....None.
Day's work. COST, $1200

COMPLETION NOTICE.

Marin County.

May 2, 1917—SAN ANSELMO. Florence F. Sites to J. E. Warner..... .....April 21, 1917

BUILDING CONTRACTS.

Fresno County.

BRICK BLOCK
LOTS 17 TO 26 BLK 39, Fresno. All work for brick block.
Owner.....H. M. S. Inv. Co.
Architect.....None.
Contractor....J. R. Church, 1221 U, Fresno.
COST, $22,000

PACKING HOUSE
SANTA FE RESERVATION, Fresno. All work for packing house.
Owner.....Guggenhime & Co. Santa Fe and Santa Clara, Fresno.
Architect.....None.
Day's work. COST, $10,000

CREAMERY
LOTS 27 TO 31, BLK 142, Fresno. All work for creamery.
Owner.....Western Meat Co., 744 P, Fresno.
Architect.....None.
Day's work. COST, $12,000

DWELLING
LOTS 6 AND 7 BLK 2 Bloomington Addition, Fresno. Dwelling and garage.
Owner.....A. Hasselbalch, 108 Van Ness, Fresno.
Architect .....None.
Contractor....Theodore Schmidt, 458 Poplar St., Fresno.
COST, $7000

DWELLING
LOTS 13 AND 14 BLK 1, Bartlett Heights, Fresno. Dwelling.
Owner.....O. D. Atkins, 3219 Kerckhoff St., Frseno.
Architect .....None.
Day's work. COST, $1800

LOTS 15 AND 16 BLK 41, Arlington Heights Tract, Fresno. Dwelling.
Owner.....C. A. Clark, 2366 Hill St., Fresno.
Architect .....None.
Day's work. COST, $1500

DWELLING
LOTS 14 AND 15, BLK 4, Arlington Heights. All work for dwelling.
Owner.....Peter Rasmussen, Fresno
Architect.....None.
Contractor....Morris Bros., Fresno.
COST, $1,500

TOWER AND TANK
LOTS 27 TO 32 BLK 50, Fresno. All work for tower and tank.
Owner.....Pacific Gas and Electric Co., J and Tuolumne Sts., Fresno.
Architect.....None.
Contractor....Pacific Tank and Pipe Co.
Filed May 3, '17. Dated Apr. 26, '17. No payments given.
TOTAL COST, $1,835.
Bond, $1,000. Sureties, U. S. Fidelity and Guaranty Co. Forfeit, Limit, none. No plans or specifications filed.

BUILDING CONTRACTS.

Sacramento County.

APARTMENTS
NO. 1703 Q, Sacramento. All work for two-story frame apartments (eight apartments, two rooms and bath.)
Owner.....W. H. McMorry, 1621 17th, Sacramento.
Architect.....None.
Contractor....M. F. Terra, 2315 G street, Sacramento.
COST, $12,000

DWELLING AND GARAGE
NO. 1503 THIRTY-SIXTH, Sacramento. All work for dwelling and garage.
Owner.....Alex B. Choppe or Chappe 1506 16th, Sacramento.
Architect.....None.
Contractor H. G. Birdsall, 1309 6th, Sacramento.
COST, $2,650

BARN
NO. 1820 X, Sacramento. All work for one-story frame barn.
Owner.....John Cereso, 1818 X, Sacramento.
Architect.....None.
Contractor....Peter Leoni, 1330 V St., Sacramento.
COST, $600

CLASS "A" OFFICES
TENTH AND K STS., being S 101-7¾ Lot 8 Blk J. K, 10th and 11th Sts., Sacramento. Reconstruct five-story Class "A" office building and one-story Class "C" building.
Owner.....Physicians Building Co. (a corp.), Sacramento.
Architect.....Woollett & Woollett, 1005 K St., Sacramento.
Contractor....Geo. D. Hudnutt, Inc. (a corp.), California Fruit Bldg., Sacramento.
Filed Apr. 26, '17. Dated Apr. 4, '17.
2nd Friday of each month..... 85%
Usual 35 days..... 15%
TOTAL COST, not to exceed $92,839
Bond, $46,419.50. Sureties, Geo. D. Hudnutt, Geo. J. Calder, J. Latourette, Jno. S. Butler and H. Miles. Limit, 240 working days. Forfeit, none. Plans and specifications filed.

PLUMBING AND COMPRESSED AIR on above.
Contractor....Scott, Lyman & Stack, 421 J St., Sacramento.
Filed Apr. 30, '17. Dated Apr. 25, '17.
Every two weeks..... 75%
Usual 35 days.....Balance
TOTAL COST, $9383
Bond, $4691.50. Sureties, Tom Scott, Geo. B. Stack, H. C. Keyes and Isidor Cohen. Limit, 200 working days. Forfeit, none. Specifications only filed.

ENAMELED ARCHITECTURAL terra cotta work on above.
Contractor....Gladding, McBean & Co., Crocker Bldg., S. F.
Filed Apr. 30, '17. Dated Apr. 9, '17.
On 10th of each month..... 85%
Usual 35 days..... 15%
TOTAL COST, $3945
Bond, none. Limit, 90 days 1st shipment; 130 days final. Forfeit, none. Specifications only filed.

REPAIRS
NO. 312 ALLEY, L and M Sts. Sacramento. Remodel and repair brick building.
Owner.....K. Takao.
Architect.....None.
Contractor....Chas. A. Vanina, 2022 M St., Sacramento.
COST, $1500

FRAME DWELLING
NO. 4204 SECOND ST., Sacramento. One-story 5-room and bath frame dwelling.
Owner.....Geo. P. Doney, 717 13th St., Sacramento.
Architect.....None.
Day's work. COST, $1500

FRAME WAREHOUSE
HOPFEN STATION SPUR S. P. right of way, Sacramento. One-story frame warehouse.
Owner.....E. Clemmens Horst.
Architect.....None.
Day's work. COST, $2600

FRAME DWELLING
NO. 1547 THIRTY-SIXTH ST., Sacramento. One-story 6-rooms and bath frame dwelling.
Owner.....N. J. Nielsen, 1531 M St., Sacramento.
Architect.....None.
Day's work. COST, $2500

FRAME SHOP
FRONT ST., bet. S and T Sts., Sacramento. One-story frame repair shop.
Owner.....Friend & Terry, 1012 10th St., Sacramento.
Architect.....None.
Day's work.. COST, $500

ALTERATIONS
NO. 1115 O ST., Sacramento. Remodel one-story frame dwelling.
Owner.....M. D. Reed.
Architect.....None.
Contractor....Peter Leoni, 1330 V St., Sacramento.
COST, $500

LIENS FILED.

Sacramento County.

RECORDED AMOUNT
Apr. 28, 1917—LOT 4— 27th, 28th, L, M Sts., Sacramento.. A T Cummins vs Scottish Rite Hall Association $299.50

BUILDING CONTRACTS.

San Joaquin County.

ADDITION
COMMERCE bet Lafayette and Sonora, Stockton. All work for addition to frame dwelling.
Owner.....Jeanette Barnum.
Architect.....None.
Day's work. COST, $1,000

FRAME FIATS
NORTH AND COMMERCE, Stockton. All work for frame flats.
Owner.....Elena Moore.
Architect.....None.
Day's work. COST, $7,898

FRAME DWELLING
YOSEMITE TERRACE, Stockton. All work for frame dwelling..
Owner.....Lean Harry.
Architect.....None
Day's work. COST, $3,000

FRAME DWELLING.
MOSSDALE, Stockton. All work for frame dwelling.
Owner.....Roy Potter.
Architect.....None.
Day's work. COST, $1,900

BUILDING CONTRACTS.

Santa Clara County.

DORMITORIES
UNIVERSITY CAMPUS, Palo Alto, Cal. Four 3-story and basement reinforced concrete dormitories for women.
Owner.....Trustees of Leland Stanford, Jr., University.
Architect.....George William Kelham, Sharon Bldg., S. F.
Contractor....P. J. Walker & Co., Monadnock Bldg., S. F.
TOTAL COST, $250,000

RESIDENCE
LOS ALTOS, Santa Clara County. All work for two-story and basement frame residence.
Owner.....Philip Cook, San Francisco.
Architect.....H. C. Baumann, 251 Kearny, San Francisco.
Day's work. COST, $5,000

BUNGALOW
PARK between Stockton and Baker, Stockton. All work for one-story frame bungalow.
Owner.....Nick Baurin, Union Restaurant, San Joaquin and Market Sts., Stockton.
Architect.....Ralph P. Morrell, 12-15, I. O. O. F. Bldg., Stockton.
Contractor.....J. A. Plecarpo and J. P. Morrell, care The Mecca, 312 E Market, Stockton.
Filed Apr. 27, '17. Dated Apr. 27, '17.
Frame up $700
Building enclosed and roof on.. 800
Plumbing tested and plastering complete 800
Building completed 800
TOTAL COST, $3,100
Bond, $1,580. Sureties, W. C. Ramsey and T. F. Emerson. Forfeit, none. Limit, 70 days. Plans and specifications filed.

FRAME FLATS
NORTH AND COMMERCE N ½ of lots 1, 3, 5, block 91, West Stockton. All work for two-story frame flats.
Owner.....Miss Elena Moore.
Architect.....Jos. Losekann, San Joaquin Bldg., Stockton.
Contractor....Joe Plecarpo and P. Morrell, The Mecca, 312 E Market St., Stockton.
Filed Apr. 24, '17. Dated Apr. 19, '17.
Concrete foundation complete..$ 598
Rough framing complete 1775
Building enclosed and ready for plastering 1775
Work completed and accepted 1775
Usual 35 days 1975
TOTAL COST, $7,898

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Bond, $3,949. Sureties W. C. Ramsey and T. F. Emerson. Forfeit, $5. Limit, 70 working days. Plans and specifications filed.

GRAIN ELEVATOR

VAN BUREN between Weber avenue and Channel, Stockton. All work for grain elevator and bins.

Owner.....Sperry Flour Co., Capitol and Union Mills, W. Weber, Stockton.

Architect.....Maurice C. Couchot, 110 Sutter, S. F.

Contractor....Palmer & Peterson, Monadnock Bldg., S. F.

Filed May 1, '17. Dated Apr. 30, '17.

Monthly 75%

Usual 35 days 25%

TOTAL COST, $25,800

Bond, Sureties, Forfeit, Limit, none. Plans and specifications filed.

BUILDING CONTRACTS.

Sacramento County.

STOCKTON BOULEVARD AND R street, Sacramento. All work for one-story frame kitchen and dining room.

Owner.....Libby, McNeil & Libby, 31st and P, Sacramento.

Architect.....None.

Contractor....E. A. Corum, 2523 First avenue, Sacramento.

COST $1,500

COMPLETION NOTICE.

Sacramento County.

May 1, 1917—LOT 4, 27, 28, L, M. Sacramento. Scottish Rite Cathedral Association to Thomas Day.....

.....April 20, 1917

OAKLAND COMMONWEAL COMMITTEE PLANS INDUSTRIAL AMITY.

OAKLAND, CAL.—No more strikes or lockouts, an end of boycotting and blacklisting by the establishment of industrial amity between employer and employed is the aim of the Commonweal Committee of the Oakland Chamber of Commerce, which has just been organized.

Its membership consists of four union leaders and five members of the Chamber of Commerce as representatives of the employers. The union men insisted that they should be in the minority on the committee so that there should be no ground for the charge that they were attempting to dictate. The committee's make up is as follows:

Representing labor—W. A. Spooner, secretary of the Central Labor Council; S. W. Lore, a delegate to the Council; S. J. Donohue, secretary of the Building Trades Council, and John F. Kerns, delegate of the Plasterers' Union to the same council.

Representing the Chamber of Commerce — Arthur Arlett, contractor, Progressive party leader, president of the State Board of Harbor Commissioners; Joseph R. Knowland, former Congressman, now publisher of a leading Oakland newspaper; James Traverse, factory manager; H. C. Capwell, department store proprietor, and James P. Maxwell, hardware man.

The committee immediately went to work, its first task being to arrange working conditions among the ship carpenters, the house carpenters and the bridge carpenters. This move was made following the offer of Oakland to lay down 100 wooden vessels in the government's shipbuilding program and the acceptance of the offer of co-operation by William Denman, chairman of the United States Shipping Board.

The Commonweal Committee has been in the process of formation for the last six months and therefore can not be considered in any way as a war measure. Its main purpose is to try to get back to first principles in industrialism—that is, revert to the days when the employer and employe were so close together that grievances could be threshed out man to man.

How the committee and its aims is regarded is indicated by the following expressions by those concerned:

Joseph H. King, president of the Chamber of Commerce—"I consider this one of the biggest things the Chamber of Commerce and labor have done in common. It makes Oakland the first city to stand for industrial peace and progress and will do much to heal the breach between capital and labor."

Secretary Spooner of the Labor Council—"Organized labor welcomes the opportunity to confer and collaborate with organized employers. We are satisfied that much, if not all, of the industrial turmoil of today might be avoided. The honest, conscientious workman does not possess the prejudice against the upright employer he is so often given credit for."

James Traverse, factory manager—"It strikes me as the only way employers and employes can co-operate for the best interests of the country. This committee is the best solution of labor troubles."

S. W. Lore delegate to the Labor Council—"Organized labor's position in the community in relation to all labor is precisely the same as the Chamber of Commerce's relation to all business. When representatives of the two visible heads that speak for and control the destinies of the city get together, their meeting means much to the community."

John P. Maxwell, hardware merchant—"The appointment of this committee will tend to obviate any future labor troubles."

President King of the Chamber of Commerce has received many messages of congratulation on the appointment of the Commonweal Committee.

CALIFORNIA WATERWAYS TO GET $1,850,000.

WASHINGTON.—The annual waterways appropriation bill, carrying $1,850,000 for California waterways came before the House Rivers and Harbors Committee for consideration May 2. Oregon gets, $1,517,000 of which $1,285,000 is for the improvement and maintenance of Columbia and lower Willamette rivers. Washington gets $315,000, Alaska $150,000 and Hawaii $200,000. California appropriations include: Improvement Los Angeles harbor, $50,000; completing improvements San Diego harbor, $85,000; maintenance San Diego, Los Angeles and San Luis Obispo harbors, $45,000; maintenance San Francisco, Oakland, Richmond, Monterey and Humboldt harbors, Redwood, San Rafael and Petaluma creeks, Napa River, San Pablo Bay and Suisun Channel, $287,500; continuing improvement Oakland, $92,000; improvement Richmond, $100,000; continuing improvement Humboldt harbor and bay, $190,500.

TO PERMIT SCHOOL CLOSING.

SACRAMENTO, Cal.—Under the terms of an emergency war measure, introduced in the Senate by Senator E. J. Gates of Los Angeles, chairman of the upper house of education committee, the State Board of Education will have power to suspend school sessions in rural districts at any time, as long as the suspension of the sessions meets with the approval of Governor Wm. D. Stephens. The bill, as Gates explained it, is designed to assist in the harvesting of crops in California during the period of the war with Germany.

LAY OF THE HOBO.

Under the bridge where I used to lie
There's a sentry stationed with eagle eye,
There's another standing with loaded gun
Where in the tunnel I used to run.
E'en in the car where I slept at night
They are carrying powder and dynamite,
With every soldier seeking a spy
The railroad's no place for a tattered guy.

Gone into the war refuse is another American institution—the railroad hobo. "Weary Willie" has forsaken the "side-door Pullman" as a means of transportation. His camp-fire no longer burns by the creek bed under the railroad bridge, nor does the tunnel entrance any longer constitute his rendezvous.

The fact that all approaches to railroad bridges, tunnels and terminals are now guarded by soldiers with instructions to challenge suspicious characters, has made the hobo's profession an unhealthy occupation. He faces the possibility of being shot, jailed, put to work or made to enlist, and none of these alternatives appeals to his fancy.

In this connection, P. J. Kindelon, chief special agent of the Southern Pacific Company, is seeking to safeguard thoughtless pedestrians who carelessly trespass upon railroad property. Southern Pacific agents are being urged to call to everyone's attention the fact that it is now more dangerous than ever to ignore warning signs.

As the movement of troop and ammunition trains increases, greater vigilance will be exercised by military authorities, and it will be dangerous for unauthorized persons to venture within the boundary lines.

DO YOU KNOW THAT

A good water supply in the spring may save an undertaker's bill in the fall?

It's the spring fly which makes the summer pest?

Building & Engineering News

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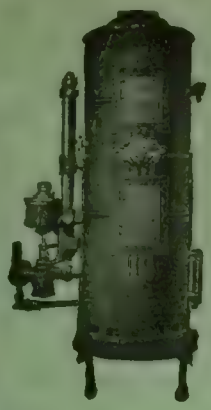
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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

Issued Weekly, $3.00 per year | San Francisco, Cal. May 16, 1917 | Seventeenth Year, No. 21



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GOVERNMENT APPOINTS LOCAL ARCHITECTS.

San Francisco Chapter Offers Services of Its Members to Government For Important Work.

The announcement of the appointment of a committee of three San Francisco architects, who, through the American Institute of Architects, have offered their professional services to the government gratis in connection with the preparation of plans for federal buildings on the Pacific Coast has just reached this city.

Walter A. Bliss has been appointed chairman of the committee with William Mooser and George William Kelham as the other two members. Plans for all buildings to be erected under the direction of the Navy Department, and including a large portion of the emergency appropriation of ninety million dollars, will be prepared by the committee. Work at the various navy yards, coaling stations, radio stations, and naval training stations, including those located at Puget Sound, Mare Island, Goat Island, San Diego, Pearl Harbor, Hawaii, and in the Philippines will come under the control of this committee. No definite information is as yet available as to the nature of improvements to be undertaken by the Navy Department.

The government is extremely fortunate in securing the services of such representative members of the architectural profession and the action of the American Institute of Architects, as well as the local Chapter, and the individuals in offering their services at this time is highly commendable.

In the past all of the large government building construction projects in the Western States have been designed by Eastern architects, with the possible exception of the public buildings for which competitions were held. The appointment of a committee of San Francisco men of accepted ability and thoroughly familiar with local conditions should result in better and more satisfactory conditions in all government construction.

KEEP BUSINESS GOING

For Our Country's Sake

Our country prosperous can pay our war costs, as they come, and have enough left over to aid our Allies.

Our country unprosperous, with business halting, money hoarded, through fear or false economy, will be hard pressed to keep food on the table and clothing on the back.

Keep Business Going

is a partiotic slogan. Keep money in circulation. Keep money in circulation. Keep employment for everybody. Keep wages good. Keep on making money that we may have money to spend for war sacrifiecs.

The worst thing that could happen to the world these days would be a business depression in our United States.

War in itself does not cause business depression.

The billions of dollars of money to be expended in war preparations will be put into circulation in our country, and this in itself will create new wealth for use in the world-struggle for humanity.

The one thing that might halt business now is an unpartiotic psychological feeling of panic and a false idea of patriotic economy.

Patriotic Economy

Patriotic economy means the elimination of waste and extravagance. It means the conservation of our food products, our natural wealth, our health, our energies, our labor, our very lives. It means putting more efficiency in everything we do so that each unit of money, energy and intelligence may accomplish the utmost.

Patriotic economy does not mean the lowering of America's standard of living, which would make us less efficient physically and mentally, nationally and individually, and would kill the spirit and the will to do the truly self-sacrificing things to be done.

Cities and communities must go on with their civic improvements. Road building and public works must proceed. Railroads must renew their equipment. Factories must be kept going to their full capacity. Labor must be employed. Homes must be kept up. Merchandise must be produced, distributed and used.

War duties and war expenditures must be in addition to peace duties and peace expenditures. The more we do the more we can do. The more money we spend the more we will have in our pockets to spend. Money creates money.

In a word. **The natural sane life of the country must proceed as though we were not at war, in order that we may have the necessary prosperity to promote the war to a quick and successful conclusion.**

President Wilson sounds the keynote in this sentence: "It is evident to every thinking man that our industries, on the farm, in the shipyards, in the mines, in the factories, must be made more prolific and more efficient."

Our industries can be made more prolific only if the people buy and use the merchandise produced by our industries. Manufacturing slackens when business slackens. Manufacturing grows in a prolific way when business grows. And business can grow and remain healthful only when the people buy and keep money in circulation.

Business IS Going Strong

Business is going in the East, the West, the North, the South. The country is prosperous. Last month's increase in business was very large. Banks may wait in their operations until the government bonds are assimilated. People may pause temporarily in their outfitting to arrange to meet the new conditions. But the unloosing of billions of dollars will unloose a flow of prosperity absolutely necessary to sustain the world's burden.

Government set the pace in their expenditures.

Individuals must not lag behind. Seven billions of dollars to pay is only $70 per capita in the United States. Yet seven billions of dollars, put into work at 6 per cent—a fair estimate of the producing power of money—will create 420 millions of new wealth.

The income tax we pay will not be a tax on prosperity, but a spur to prosperity. Every dollar the individual pays out will come back to him with interest in the general prosperity of the people.

Keep Business going for our country's sake. War cannot be waged and won without the sinews of war.

JOHN WANAMAKER
NEW YORK
April 21, 1917.

HOW Can you expect to be paid for figuring estimates, unless you demand it?

HOW Can you expect to get anything unless you work to get it?

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 1 story and base. Class C construction. Cost not stated. Architect, D. C. Coleman, Clunie Bldg., S. F. Owner, E. T. Osborn, Clunie Bldg. Location, Fourth and Natoma streets. Will contain stores on the first floor and a number of two and three room suites above. Plans are being prepared.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $16,000. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Edward E. Young. Location, west Larkin north California, covering an area of 30 by 70 feet. Will contain nine apartments of three and four rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Apartment house, 3 story and base, frame or brick. Cost not stated. Architect, none. Owner, James L. McLaughlin, 244 Kearny street, S. F. Location, northeast corner of Clay and Laurel streets, covering an area of 57 by 100 feet. Will contain two, three and four room apartments. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Apartment houses, 2, 3 story and base, frame, $12,000 each. Architect, Chester H. Miller, First Trust Bldg., Oakland. Owner's name withheld. Location, Lake District. Each building will contain six apartments of four rooms and bath. Plans are being prepared.

FRESNO, FRESNO CO., CAL. — Apartment house, 3 story and base. Class C construction, $50,000. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, Misses L. E. Hofmann and A. D. Peyton. Location, west J street between Stanislaus and Tuolumne, covering an area of 50 by 150 feet. Will contain 27 apartments of two, three and four rooms. Plans complete and figures being taken.

FRESNO, FRESNO CO., CAL. — Apartment house, 3 story and base, brick. Cost not stated. Architect, Thornton Fitzhugh, Story Bldg., L. A. Owner, I. Kinspel, 1821 Mariposa St., Fresno.. Will cover an area of 51 by 115 feet and contain a total of 18 apartments of two rooms each. Plans are complete and work will be done by Day Labor.

LOS ANGELES, CAL. — Apartment house, 4 story and base. Class C construction, $50,000. Architect, none. Owner, George L. Lovejoy, 1302 North Hobart Boulevard, L. A. Location, 667 South Carondelet street, covering an area of 80 by 102 feet. Will contain a total of 64 apartments of two and three rooms. Plans complete and figures being taken.

SAN FRANCISCO — Apartment house, 3 story and base, frame. Cost not stated. Architect, Albert Schroepfer, Nevada Bank Bldg., S. F. Owner's name withheld. Location, Mission District. Will contain stores on the first floor and a number of two and three room apartments above. Plans complete and figures being taken.

Contract Awarded.

OAKLAND, CAL.—Apartment house 3 story and base, brick veneer, $26,000. Architect, M. L. Newsom, 1748 Broadway, Oakland. Owner, A. Werum. Contractor, W. C. Brown, 1624 64th avenue, Oakland. Contract price, $26,000. Note—Contractor is taking subfigures.

OCEAN PARK, LOS ANGELES CO., CAL.—Apartment house, 4 story and base. Class C construction, $80,000. Architect, none. Owner, Mrs. Emma A. Summers. Contractor, L. T. Mayo, Black Bldg., L. A. Contract price, $80,000.

AVIATION BUILDING.

Contract Awarded.

SAN CARLOS, SAN MATEO CO., CAL.—Aviation buildings, 1 story and 4, 1 story, frame and reinforced concrete. Cost not stated. Architect, Norman R. Coulter, 46 Kearny street, S. F. Owners, California Aviation Corps, J. Pauld'ng Edwards, 1010 Flatiron Bldg., S. F. Contractor, R. P. Hurlbut, San Carlos. Contract price not stated.

BANKS.

Contract Awarded.

ALAMEDA, ALAMEDA CO., CAL.—Bank, 1 story and base. Class C construction. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owners, Alameda County Savings Bank. Contractor, W. W. Hayes, 110 Jessie street, S. F. Contract price not stated.

BONDS.

SACRAMENTO, CAL. — The City Board of Education has decided to postpone the bond election which was to be held in the near future to decide the question of issuing and selling bonds for increasing school facilities. It is thought that the issue would not carry at this time owing to the nation being at war.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—An election will be held May 28th in the Huntington Park School District to vote an issue of bonds amounting to $78,000 for erecting a new school building.

OROVILLE, BUTTE CO., CAL. — The Oroville Union High School Bond issue has been sold to the National City Company of San Francisco. The bonds amounted to $80,000 and will finance the construction of a new two-story and basement, concrete and hollow tile school. N. W. Sexton & Co., Merchants' National Bank Bldg., S. F., are the architects. Plans will be completed in about two weeks.

RIVERSIDE, RIVERSIDE CO., CAL. —The City Council has passed a resolution providing for an election to be held June 30th, when it will be decided whether or not bonds of $40,000 will be issued for the construction of an addition to the present library building.

YUBA CITY, SUTTER CO., CAL.—County Clerk Alvin Weis has been instructed by the Board of Supervisors to advertise for sale the $20,000 issue of County Hospital bonds voted in 1916. Three sets of plans have been drawn for the new hospital building, which will be erected on the site of the present frame structure.

YREKA, SISKIYOU CO., CAL.—The Supervisors have authorized Clerk Neilon to call for bids for the sale of the Siskiyou Union High School bonds in the amount of $70,000. The bids will be opened June 4th. Of the above amount $45,000 is for the main school building at Yreka, and $5,000 each for the branch high schools at McCloud, Sisson, Weed, Dorris and Fort Jones. Plans and specifications have already been tentatively accepted by the High School Trustees.

NAPA, NAPA CO., CAL.—The Trustees of Brown's Valley School District are discussing the proposed calling of an $8,000 bond election for a new school buidling.

FRESNO, FRESNO CO., CAL. — Bids will be received by the Board of Supervisors up to 2 p. m. of May 24th for the purchase of 25 bonds of the Clovis School District, of denominations of $1,000 each, 7 per cent, to be dated May 7, 1917. Certified check for 10 per cent required. D. M. Barnwell is the cleark.

SAN JOSE, Santa Clara Co., Cal.—County Clerk Henry A. Pfister has been instructed to receive bids up to May 21st, for the purchase of $190,000 State highway bonds. Proceeds will finance the construction of highways throughout Santa Clara County.

BRIDGES AND DAMS.

OAKLAND, CAL.—Pier and wharf shed, timber piles and frame, $100,000. Engineers, Cattell, Howard & Ashton, Foxcroft Bldg., S. F. Owners, Howard Co. Location, Oakland waterfront. Pier will be 110 by 550 feet and the wharf shed 65 by 450 feet. Plans complete and figures taken under advisement.

FRESNO, Fresno Co., Cal.—The City Council has instructed the City Engineer to report the probable cost of widening the Belmont avenue bridge, and submit same at the next meeting.

FRESNO, Fresno Co. Cal.—The Fresno City Council has appropriated

$3,800 which will provide for the construction of the Park Boulevard Bridge to be constructed in connection with the paving of H street.

YUBA CITY, Sutter Co., Cal.—The Supervisors have instructed County Surveyor L. M. Bunce to engage an engineer to prepare plans and specifications for construction of a combined wood and steel bridge to be erected over the Feather River at Nicolaus. The bridge is to have an asphalt floor.

The Chairman of the Board was authorized to enter into a contract for the bridge construction. No specification was made as to the cost.

MONTESANO, Wash.—County Auditor W. D. Campbell of Grays Harbor County, will receive bids up to May 28th for the following bridge work: Combination highway bridge and approaches over the Humptulips River, near Burrows Station, on the N. P. Railway, span to be 180-feet; pile piers; pile trestle approaches about 323 lin. feet, also a standard pile trestle bridge 57 feet long over a slough near the proposed bridge; also combination highway bridge and approaches over North River on Thomas Lund County Road, span to be 100 feet; pile piers; pile trestle approaches about 400-lin. ft.; there is also included a standard pile trestle bridge 100 feet long on same road. Plans and specifications from County Engineer Geo. Robertson.

MARYSVILLE, Yuba Co., Cal.—County Surveyor Crook has been instructed to prepare plans and specifications for five concrete bridges to take the place of the wooden structures at the following points: Plumas Lake on the old Marysville-Sacramento road; Shriner place over Dry Creek on the Marysville-Wheatland road; and three near the Creps place on the Spenceville road. It is estimated that these improvements will cost in the neighborhood of $22,000.

FLORENCE, Pinal Co., Ariz.—Engineer H. V. Clotts and his assistants, who are making final surveys for the diversion dam and main canal, for which Congress has appropriated $250,000, will have temporary quarters in Keating Hall. Plans for the work will be ready about July 1.

OLYMPIA, Wash.—The State Highway Commission will receive bids up to June 4th for the construction of a reinforced concrete viaduct over the Northern Pacific Railroad tracks at Nisqually in Pierce County, proposed last year, to cost about $35,000, and for the construction of 10 miles of state highway, as follows:

concrete paving of 3½ miles of the Pacific Highway between Olympia and St. Clair in Thurston County, cost $60,000; clearing, grading and draining and surfacing of 4 miles of the Pacific Highway between Toledo and the end of Permanent Highway No. 2B in Thurston County; clearing, grading and draining of 1.5 miles of the Pacific Highway near Forest in Lewis County; and grading and draining and surfacing of 1 mile of the same highway between Orillia and Renton in King County.

RIVERSIDE, Riverside Co., Cal.—The City Council has entered into a contract with E. T. Flaherty, 3984 Dalton street, Los Angeles, to prepare plans and specifications for the new Victoria avenue bridge. Flaherty will receive 5% commission on the contract price.

A. P. Campbell is City Engineer of Riverside.

MT. VERNON, Wash.—J. R. Wood of Seattle submitted the lowest bid to the County Commissioners for the construction of a 220 foot steel span bridge over the Skagit River, at $43,808, but this being above the estimate, bids were rejected. It is probable that a wooden structure will be erected. W. E. Costello is County Engineer..

Contract Awarded.

FAIRFIELD, Solano Co., Cal.—A contract for furnishing the steel for the intercounty bridge to be erected over the Sacramento River at Rio Vista by Sacramento and Solano Counties, was awarded to the United States Steel Products Co. on their bid of $58,333. Two other bids were received at Sacramento. .

SEATTLE, Wash.—The Board of Public Works has awarded a contract to the J. A. McEachern Co., at $61,609.49 for the construction of the wooden drawbridge over West Spokane street.

VISALIA, Tulare Co., Cal.—S. G. Smartt, Bakersfield, Cal., at $23,185 was awarded the contract by the Tulare County Supervisors for the construction of all the concrete bridges on the State Highway route between Visalia and Delano.

MERCED, Merced Co., Cal.—At the last meeting of the County Supervisors a contract was let to E. K. Angle for the erection of bridge No. 57 in District No. 5. The cost to be $7,940.

Contract for culvert No. 54 was awarded to David McElroy for $160 and for building bulkheads on bridge No. 58 to R. H. Montgomery for $398.

CHURCHES.

COALINGA, FRESNO CO., CAL.—Church, 1 and 2 story, frame and concrete. Cost not stated. Architect's name not given. Owners, First Methodist Episcopal Church. Will contain large main auditorium, Sunday school rooms, social hall and study. Plans complete and in the hands of the pastor, Rev. D. A. Allen, 120 West C street, who is now taking figures. Bids will be opened on June 4th.

FRESNO, FRESNO CO., CAL. — Mausoleum, 1 story and base reinforced concrete, $100,000. Architect's name not given. Owner, Fresno Lodge of Odd Fellows. Location, Mountain View Cemetery. Will contain 160 nitches. Plans complete. R. C. Palmer, Fresno, is representing the owners.

LOS ANGELES, CAL.—Church, 1 and 2 story, reinforced concrete and steel, $125,000. Architect's name not given. Owners, St. Paul's Pro Cathedral Church. Location, west Olive between 5th and 6th streets. Funds are now available for this construction and bids will be called for as soon as plans can be completed. An architect's name will be given in our next issue.

COURT HOUSES.

OROVILLE, BUTTE CO., CAL.—City hall vault, reinforced concrete. Cost not stated. Architect, none. Owners, City of Oroville. Bids are now being taken for furnishing and installing a fireproof vault in the City Hall. Plans can be secured from the City Clerk's office.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO--Factory, 1 story, frame and corrugated iron. Cost not stated. Architect, Haase, 431 Folsom street, S. F. Owners, Jewel Steel and Malleable Co. Location, 25th and Potrero streets, covering an area of 114 by 200 feet. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Warehouse, 2 story and base. Class C brick, $16,000. Architects, Ward & Blohme, Alaska-Commercial Bldg. Owners, Cudahy Packing Co. Location, Union street near Battery. Will be in the nature of an addition to the present plant. Plans are being prepared.

OAKLAND, CAL.—Flour mill and dock warehouse, 6 story and 2 story, reinforced concrete and frame. Cost not stated. Engineer, R. M. Henningsen, Security Bank Bldg., Oakland. Owners, Albers Bros. Milling Co. Location, foot of Seventh street, Key Route Fill. Mill will cover an area of 62 by 180 feet, a nest of 32 reinforced concrete wheat bins 70 by 32 feet. The dock building will cover an area of 170 by 418 feet. Plans are complete and figures being taken. Bids will be opened on May 19th at 10 a. m. in the offices of the owners, 332 Pine street.

SEATTLE, WASH.—Bakery, 2 story and base, brick. Cost not stated. Architect, Andrew Willatzen, Boston Block, Seattle. Owners, Seattle Baking Co. Location, 19th avenue and Main street, covering an area of 91 by 104 feet. Plans complete and work will be done by Day Labor.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—Factory and garage, 1 and 2 story and base, brick and frame. Cost not stated. Architect, A. Dudley, Bradbury Bldg., L. A. Owners, Angelus Carbon Co. The factory building will cover an area of 125 by 27 feet and the garage an area of 35 by 25 feet. Plans are being prepared.

Contract Awarded.

REEDLEY, FRESNO CO., CAL.—Packing plant, 2 story and base, brick, $19,770. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, California Fruit Growers' Association. Contractors, Hanson Construction Co., 2225 Fresno street, Fresno. Contract price, $19,770.

KINGSBURG, FRESNO CO., CAL.—Packing plant, 1 story, brick and concrete, $19,000. Architects, Glass & Butner, Rowell Bldg., Fresno. Owners, California Peach Growers' Association. Contractor, Anton Johnson Kingsburg. Contract price, $19,000.

MANTECA, SAN JOAQUIN CO., CAL.—Sugar refinery, 3 story and base, brick, $947,000. Engineers, Dyer Construction Co., Cleveland, Ohio. Owners, Spreckels Sugar Co. Contractors, Dyer Bros. Construction Co., Cleveland. Mr. Webster, superintendent in charge, is now located at Tracy.

FIRE HOUSES AND JAILS.

Contract Awarded.

SACRAMENTO, CAL.—Jail alteration, $2,850. Architect, none. Owners,

Sacramento County. Contractors, Teichert & Ambrose, Ochsner Bldg., Sacramento. Contract price, $2,850.

FLATS.

RICHMOND, CONTRA COSTA CO., CAL. Lodge hall and stores, 3 story Cost not stated. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owner, J. T. Jenkins. Location, northwest Ripley and 8th street. Will contain two flats. Plans complete and figures being taken.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base. Clas A construction, $25,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner's name not given. Location, Spencer street between 15th and 16th streets, covering an area of 100 by 170 feet. Plans complete and figures being taken.

SAN FRANCISCO—Garage, 1 story and base, brick and steel, $16,000. Architects, Weeks & Day, Phelan Bldg., S. F. Owners, McCreary Estate. Location, Brannan between 4th and 5th streets, covering an area of 75 by 160 feet. Plans complete and figures being taken.

SAN FRANCISCO—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, Albert Lapachet, 110 Sutter street. Owner's name withheld. Location, near Golden Gate Park. Will cover an area of 30 by 100 feet. Plans are being prepared.

OAKLAND, CAL.—Garage, 1 story and base, brick, $6,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, Hugo Abrahamson. Location, 26th and Broadway. Designed for a commercial garage. Plans are complete and figures being taken.

ANTIOCH, CONTRA COSTA CO., CAL.—Garage, 1 story and base, brick and steel, $20,000. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name not given. Will cover an area of 100 by 100 feet and will contain three stores besides the garage. Plans are being prepared.

SAN FRANCISCO—Garage, 1 story and base, brick. Cost not stated. Architect, C. O. Clausen, Hearst Bldg., S. F. Owner's name withheld. Location, south of Market street. Will contain 10,000 square feet of floor space. Plans being prepared.

GOVERNMENT WORK & SUPPLIES.

A complete list of all bids opened on May 9th at the office of the Constructing Quartermaster at San Pedro, Cal., for the construction of the 28 buildings at Fort MacArthur has been received. The number of unit prices submitted make it impossible to determine what combination of bids will be selected in awarding the contracts. Interested subscribers may consult the list and unit prices by calling at this office.

LAS Cruces, New Mexico, Post Office.

The supervising architect, Treasury Department, Washington, D. C., has awarded the contract for the construction complete, of the U. S. post office and courthouse and post office at Opelousa, to Latimer & Benning, Masachusetts Bldg., Kansas City, Mo., at $88,743, time to complete, 14 months.

Puget Sound, Power Plant.

The contract for making alterations, etc., for heating and power plant at the naval station, Puget Sound, Wash., has been awarded to Charles C. Moore & Co., at $27,803.

Mare Island, Dredge.

All bids received on March 6, at the bureau of yards and docks, Navy Department, for constructing a bucket dredge for the navy yard, Mare Island, have been rejected.

Billings, Mont., Post Office Repairs.

The contract for making repairs to the Billings, Mont., post office has been awarded to Bernard J. Martin, 243 Wyoming avenue, Billings, Mont. The work is to be completed in 60 days, at acost of $2,375.

Keyport, Wash., Magazine.

The contract for the construction of a magazine at the naval station Keyport, Wash., has been awarded to John Galber at $3,637.

San Francisco, Circular 246.

Following bids were rereived in response to circular 246 opened by depot quartermaster, San Francisco, Cal.:

Bid. 1. L. Feldmann & Co., 108 Davis street, San Francisco, Cal.

2. Haywood Bros. & Wakefield Co., 739 Howard street, San Francisco, Cal.

3. L. Dinkelspiel Co., Inc., 24 Battery street, San Francisco, Cal.

4. Greenbaum, Weil & Michels, 740 Mission street, San Francisco, Cal.

5. Hirsch-Weis Mfg. Co., 205 Burnside street, Portland, Ore.

6. Pacific Hardware & Steel Co., 700 7th street, San Francisco, Cal.

7. John Rothschild & Co., Spear and Market street, San Francisco, Cal.

8. Todt & Peters, 322 Main street, San Francisco, Cal.

9. Neustadter Bros., 461 Mission street, San Francisco, Cal.

10. A. W. Pike & Co., 711 Mission street, San Francisco, Cal.

11. H. H. Rice Corpj., 26 Exchange Place, New York city.

12. The Heyman Weil Co., 720 Mission street, San Francisco, Cal.

13. Evansville Tool Works, Washington, D. C.

14. Southwestern Broom & Warehouse Co., Wichita, Kans.

15. Baker & Hamilton, 4th and Brannan streets, San Francisco, Cal.

16. Dunham, Carrigan & Hayden Co., 140 Kansas street, San Francisco.

17. Portland Broom Co., 805 Holladay avenue, Portland, Ore.

18. Keyston Bros., 120 2nd street, San Francisco, Cal.

19. W. Davis & Sons, 333 Market street, San Francisco, Cal.

20. The Geo. Lawrence Co., 80 1st street, Portland, Ore.

21. The John Clark Saddlery Co., 104 Front street, Portland, Ore.

22. Washington Broom & Woodenware Co., Seattle, Wash.

23. Seller Bros. & Co., 14 Spear St., San Francisco, Cal.

Item 1. 400 axes, without handles, specification 1216 Bid 15, 85c ea, with handles; 16, $12.75 doz.

2. 20,000 bed sheets, specification 1225—Bid 3, 75c ea and 75c; 4, 66c; 11, 78c.

4. 10,000 brooms, corn, specification 1216—Bid 14, 65c ea and 64c; 17, 59c; delivery, Portland; 22, 64c; delivery, Seattle.

5. 9,000 brushes, scrubbing, specification 1216—Bid 1, 14.5c ea and 19.-75c; 12, 18 9-10c for 600 only.

6. 4,000 covers, mattress specification 685—Bid 3, $1.77 ea; 4, $1.70; 5, $1.65, $1.75; delivery, Portland, Ore.; 9,$1.63.

7. 300 handles, spade, specification 1216—Bid 6, $3.75 doz; 15, 28c ea; 16, $3.90 doz.

8. 800 hatchets, camp, specification 1216—Bid 6, $9 doz; 10, $7.50; 13, 35c ea without handle, 47c ea with handle; 15, 55c ea with handle; 16, $9.25 doz.

9. 800 handles, hatchet, specification 1216—Bid 6, 75c doz; 15, 5.5c; 16, 80c doz; 23, 6 2-10c ea.

10. 400 pickaxes, specification 1216—Bid 6, $8.75 doz; 15, 48c ea; 16, $7.50 doz.

11. 1,000 cases, pillow, specification 1225—Bid 3, 19.5c ea; 4, 23c, 22.5c and 21c, samples; 6, $8.75.

13. 100 slings, bugle, specification 1152—Bid 19, 38c ea; 20, 33c.

14. 1,000 straps, telescope case, specification 604—Bid 18, 64c ea; 19, 58c; 20, 44c; 21, $5.25 doz, 1 in wide, and $4.70, ⅞ in; delivery, Portland, Ore.

15. 3,000 spindles, barrack chairs, specification 1072—Bid 2, 35c ea.

16. 100 do, galv, ½x3½ ins, for wall poles, hospital tent, tropical, specification 1235—Bid 8, $6 lot.

16. 50 do, ⅝x11 ins for upright pole, storage tent, specification 1235—Bid 8, $7.50 lot.

HALLS AND SOCIETY BUILDINGS.

GLENDALE, LOS ANGELES CO., CAL.—Lodge hall and stores, 3 story and base, brick, $42,053. Architect, Alfred L. Priest, Fay Bldg., L. A. Owners, Glendale Elks' Hall Association. J. M. Connors, Tropico, presented the lowest bid for the general construction at $42,053 and will probably be awarded the contract. The work does not include plumbing, heating or electric work.

SAN FRANCISCO—Club house alterations, 1 story, frame, $1,700. Architect, Albert Lapachet, 110 Sutter street, S. F. Owners, Ardenglen Country Club. Location, 19th avenue and Sloat Boulevard. Work will consist of interior trim, plumbing, electric work, painting and installing hardwood floors. Plans complete and work to be done by Day Labor.

YREKA, SISKIYOU CO., CAL. — Lodge hall and store alteration and addition, 2 story, brick, $10,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Yreka Lodge of Odd Fellows. Work will consist of altering the interior and exterior of the present building and adding two stories. Plans complete and figures being taken from Yreka contractors only.

MODESTO, STANISLAUS CO., CAL. —Lodge hall, 2 story and base, brick, $25,000. Architect, none. Owners, Modesto Royal Arch. Location, 15th

and J streets, covering an area of 50 by 108 feet. Plans are being prepared.

LOS ANGELES, CAL. Club addition, 2 story, Class A construction. Cost not stated. Architect, Edwin Bergstrom, Citizens National Bank Bldg., L. A. Owners, Los Angeles Athletic Club. Location, northeast Olive and Seventh streets. Plans are being prepared.. .

BEND, ORE. Club house, 3 story and base, brick, $20,000. Architect, Lee A. Thomas, Bend. Owners, Bend Athletic Club. Will cover a considerable ground area and contain offices, living apartments and gymnasiums. Plans are being prepared and work will be done by Day Labor.

HOSPITALS.

OAKLAND, CAL.—Hospital kitchen equipment, $2,789. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Alameda County. The Western Range Co. submitted the lowest bid for this work at $2,789 and will be awarded the contract. A complete list of the bids received appears under the heading of Bids Opened in this issue.

BEND, ORE.—Hospital unit, 4 story and base, brick and stone, $150,000. Architect, Lee A. Thomas, Bend. Owners, Catholic Hospital. Will cover an area of 40 by 136 feet with two wings. Plans are being prepared.

SAN FRANCISCO—Hospital lighting fixtures. Cost not stated. Architect, August G. Headman, Call-Post Bldg., S. F. Owners, City and County of San Francisco. Bids will be opened by the San Francisco Board of Public Works on May 23rd for furnishing lighting fixtures for the pathological ward.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Hospital, 2 and 3 story, hollow tile, $50,000. Architect, Roland P. Sauter, San Marcos Bldg., Santa Barbara. Location, County Farm. Will contain wards, operating room and offices. Plans are being prepared.

Contract Awarded.

SALEM, ORE.—Hospital, 3 story and base, reinforced concrete, $50,644. Architect, Edgar M. Lazarus. Owners, State of Oregon. Contractors, Parker & Banfield, Portland. Contract price, $50,544.

ROSEBURG, ORE.—Soldiers' home, 3 story and base, brick, $20,000. Architect, Lewis Thompson, Central Bldg., Portland. Owners, State of Oregon. Contractors, Stebinger Bros., 626 Broadway, Portland. Contract price, $20,000.

HOTELS.

FLAGSTAFF, ARIZ. — Hotel and theatre 4 story and base. Class A reinforced concrete, $150,000. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, David Babbitt and T. Reardon. Will cover an area of 100 by 140 feet and contain a bank, theatre and hotel lobby on the first floor. Upper floors will contain about 100 modern hotel rooms. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL. —Hotel and stores, 3 story and base, reinforced concrete, $40,000. Architect, James W. Plachek, Acheson Bldg., Berkeley. Owners, Williamson and Mason. Location, west Shattuck south University. Will contain stores on the first floor and a large number of modern hotel rooms above. Plans are complete and figures being taken.

IRRIGATION PROJECTS.

TAFT, Kern Co., Cal.—A party who may be addressed Box 98, Taft, Cal., is in the market to purchase one million feet of second-hand pipe of all sizes.

STATE WATER COMMISSION GRANTS PERMITS.

The State Water Commission, Call-Post Bldg., San Francisco, has granted permits for the use of water from the sources named, as follows:

California Highways Commission of Los Angeles, 10 miner's inches of Salt Creek tributary to Castiac Creek in Los Angeles county for highway construction and irrigation of trees. The main portion of the work is a pipe line 18 miles long and the cost of the work is given as $30,000.

Oakdale Irrigation District, 20 cubic feet per second of Stanislaus River as auxiliary to its regular gravity system, by means of a pumping plant. Estimated cost, $8,000.

Atascadero Mutual Water Company of Atascadero, 7 cubic feet per second of the waters of Salinas river for municipal and irrigation purposes. The water is to be drawn from wells in the bottom of the river by pumping plants and conducted to a reservoir capable of storing 60,000 acre feet. It is intended to water 23,000 acres and the cost of the project is estimated at $750,000.

Samuel L. Miller of Mojave, 2 cubic feet per second of the waters of Barrel Springs in Kern county. By means of a pipe line ½ mile long and a dam of rock and cement, the water will be carried to 760 acres of land at a cost of $4,500.

Natomas Company of San Francisco, 50 cubic feet per second of the Sacramento river in Sacramento county for the irrigation of 6,600 acres by means of pumping plant, a main ditch 5½ miles long and 17 miles of laterals at a cost of $120,000.

The Farm Lands Investment Company of San Francisco, 100 cubic feet per second of the waters of the Yuba and Feather rivers for rice irrigation, by means of a series of three pumping plants and seven miles of ditches conducting the water to 7,152 acres at a cost of $31,000. The same company, 150 second feet of Feather river and Plumas and Messick lakes in Yuba county, by means of three pumping plants and six miles of main canals for the irrigation of 6,463 acres at a like expenditure.

T. M. O'Keefe of Palo Cedro, 14.42 cubic feet per second of Main Cow Creek tributary to Sacramento river in Shasta county, for the irrigation of 1,442 acres. There is a rock and timber dam four feet high and 200 feet long and a main canal and branch canals 8 miles in length. The estimated cost is given as $10,000.

R. L. Peirson and James Diamond of Tuolumne, 1.60 miner's inches of springs in that county for use at Pine Crest resort at Strawberry Lake, by means of 5,000 feet of pipe line.

Henry Pattison of Crescent City, 3 cubic feet of Hayden Gulch tributary to Hurdy Gurdy Creek in Del Norte county for mining purposes, by means of a dam 20 feet high, 30 feet long on top and 16 feet at the bottom of timber, rock and brush.

Louisa S. Paulsen of Lewiston, 30 cubic feet per second for one diversion and 20 cubic feet per second for another diversion of Rush Creek tributary to Trinity river in that county for hydraulic mining. The main portion of the works is a ditch six and a half miles long. The estimated cost of both diversions is $7,000.

Eugene Rutherford of Gridley, 10 cubic feet per second of an unnamed slough tributary to Hamilton Slough in Butte county for the irrigation of rice. A main ditch 2.4 miles long carries the water to 560 acres the estimated cost of the works being $2000.

Contract Awarded.

PARADISE, Butte Co., Cal.—W. A. Krammer, Rialto Bldg., San Francisco, has been awarded the contract for all work in the Paradise Irrigation District, Butte County, Cal., with the exception of the hydraulic dam construction which will be done by the district under his direction. Mr. Krammer's contract envolves about 35 miles of trenching, the same amount of wood stave pipe in dimentions of from 4" to 36", about 20,000 cubic yards of excavation aside from the above mentioned trenches and 2,000 cubic yards of concrete. The hydraulic dam will be 100 feet high and 900 feet on top. The entire work is estimated to cost in the neighborhood of $285,000.

LIBRARIES.

HANFORD, KINGS CO., CAL.—Libraries, 1 story, frame. Cost as follows. Architects, none. Owners, Kings County. The County Supervisors have adopted resolutions covering the construction of library buildings at Armona and Stratford to cost $4,000 each. The buildings are to be constructed by the Carnegie Corporation, the county to bear the expense of maintenance.

CORVALLIS, ORE.—Library, 2 story and base, reinforced concrete, $100,000. Architect, John V. Bennes, Chamber of Commerce Bldg., Portland. Owners, Oregon Agriculture College. Will contain the college library and study rooms. Plans complete and figures being taken. Bids will be opened on May 21st.

POWER PLANTS.

According to President John A. Britton of the Pacific Gas & Electric Co. that corporation will expend in the next three years the sum of $17,500,000 in construction of what is to

be the largest hydro-electric plant in the world.

The company has purchased all water rights of the Mount Shasta Power Co., located on the Pit River in Shasta County and plan the construction of a central power plant at Big Bend, about 60 miles northeast of Redding. Besides the power plant the plans include a large amount of other construction.

FRESNO, Fresno Co., Cal.—The San Joaquin Light & Power Corporation has been authorized to expend $2,362,942.44 on improvements to its system. They will consist of the completion of Power House No. 2, now under construction; remodeling and rebuilding of the Kern River Canyon power house; the erection of three new substations costing $60,521.95, at Chowchilla, near Hanford, and at Alpaugh. One battery of boilers and a new circulating water cooling system will be constructed at the plant in Bakersfield. The sum of $1,052,000 will be expended on the extension of distributing lines, transformers and meters. A total of $269,885 will be the estimated cost of line as follows: A 60,000 volt line from Raymond to Merced Falls, 33 miles, $72,600; a 60,000 volt line from Corcoran to Alpaugh, 25 miles, $53,255; a line from Alpaugh to Famosa, 35 miles, $77,000; Merced to Los Banos, $55,000. The rebuilding of the old plant in Kern River Canyon will cost about $31,000 A. G. Wishon, Fresno, is general manager.

RAILROAD CONSTRUCTION AND EQUIPMENT.

The Railroad Commission has authorized the purchase by the Western Pacific of that portion of the Nevada-California and Oregon Railroad between Reno, Nev., and Hackstaff, Cal., and a branch line 39 miles in length between Plumas Junction and Davies Mill. The total milage is 103 miles, which is now a narrow gauge road and is to be reconstructed for a standard gauge by the new owners.

The San Francisco Board of Public Works has awarded a contract to A. F. Mahony, 1 Drumm street, San Francisco, for furnishing and delivering wood ties for use in the Municipal Railway. The Works Board has requested the Supervisors to appropriate $18,480 to cover the cost of the contract.

Contract Awarded.

SEATTLE, Wash.—Steel rods for bridge construction, tie rods, iron castings and other steel and iron products to the total value of $131,991.32 were purchased by C. E. Dole, general purchasing agent of the Alaskan Engineering Commission, for use on the Anchorage division of the Alaskan railroad. The bulk of the orders were placed with Portland firms, the Northwest Steel Co., of Portland, getting a single order of $61,201 for steel rods, while the Peninsula Iron Works, also of Portland, secured the contract for iron castings to a total of $47,405.37. The other items on circular No. 262 were distributed as follows: Pacific Coast Steel Co., steel rods, $15,192.51; South Seattle Foundry Co., iron castings, $4,240, and Seattle Car & Foundry Co., tie rods, $3,952. The three last named firms are all of Seattle.

RESIDENCES.

SAN FRANCISCO—Residence, 1½ story and base, frame, $2,500. Architect, none. Owner, F. Nelson & Sons, 2701 Lincoln Way, S. F. Location, east 30th avenue north Irving. Will contain six rooms, bath and basement garage. Plans complete and work to be done b Day Labor.

BERKELEY, ALAMEDA CO., CAL—Residences, 10, 1 story and base, frame, $2,000 each. Architect, none. Owner, R. C. Hillen, 430 Haight street Alameda. Location, southwest Channing Way and Byron street. Each dwelling will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residences, 2, 1 story and base, frame, $2,000. Architect, none. Owner, G. H. Noble, 2205 Santa Clara avenue, Alameda. Location, 2528 Broadway and 1220 Pearl street. Each house will contain six rooms and bath. Sleeping porches. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL—Residence, 2 story and base, frame, $2,000. Architect, none. Owner, Thomas N. Badger, 2946 Linden avenue Berkeley. Location, north Dowling Place east Telegraph avenue. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL—Residence, 1 story and base, frame, $1,400. Architect, none. Owner, Thomas N. Badger, 2946 Linden avenue, Berkeley. Location north Dowling Place east Telegraph avenue. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL—Residence, 2 story and base, frame, $3,500. Architect, none. Owner, H. S. Pratt, 1015 Glendora street, Oakland. Location, north Fairbanks avenue east Crofton avenue. Will contain eight rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $2,500. Architect, none. Owners, Richards and Hopper, 1769 Pleasant Valley avenue, Oakland. Location, east Josephine north Berryman. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

ROSS VALLEY, MARIN CO., CAL.—Residence, 1½ story and base, frame, $2,500. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, A. Gunzendorfer. Location, Winship Park. Will contain five rooms, bath and sleeping porch. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, A. B. Benton, 114 North Broadway, L. A. Owner, George P. Thresher. Location, Blue Snake Ranch near San Fernando. Will contain fourteen rooms, three baths and sleeping porches. Separate garage and other outbuildings. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL. Residence, 1 story and base, frame, $2,000. Architect, none. Owner, George S. Risher, 1914 Hearst avenue, Berkeley. Location, east Grant avenue north Delaware. Will contain six rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $4,500. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, C. D. Gillispie. Location, Berkeley Square. Will contain seven rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

ALBANY, ALAMEDA CO., CAL.—Residences, 4, 1 story and base, frame, $1,500 each. Architect, none. Owner, C. M. MacGregor, 470 13th street, Oakland. Location, west Ventura north Posen. Each dwelling will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story annd base, frame, $2,000. Architect, none. Owner, Ernest Anderson, 226 Joaquin avenue, San Leandro. Location, east 35th avenue south East 17th street. Will contain five rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $4,000. Architect, Harris Allen, Central Bank Bldg., Oakland. Owner, Mrs. Alys Cornwall. Location, Claremont. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, C. H. Allison, 34 Brookside, Berkeley. Location, southwest Channing Way and Bonar street. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 1 story and base, frame, $3,500. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owner, J. A. Waldy. Location, East Richmond. Will contain seven rooms, bath and sleeping porch. Plans complete and figures in and under advisement.

Contract Awarded.

ALTADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, $16,500. Architect, John C. Austin, Baker-Detwiller Bldg., L. A. Owner, Paul F. Johnson. Contractor, O. M. Sanford, 343 East Orange avenue, Pasadena. Contract price, $16,500.

SCHOOLS.

SAN FRANCISCO—School, 1 story, frame, $10,000. Architect, City Department of Architecture, City Hall, S. F. Owners, City and County of San Francisco. Location, north Union east Kearny. Will contain six class rooms. The building will be of a temporary nature. Plans are being prepared.

OAKLAND, CAL.—School toilet system. Cost as follows. Architect's name not given. Owners, City of Oakland. J. E. O'Mara, 445 Minna street, San Francisco, submitted the lowest

bid for furnishing and installing a new system of toilets in the Highland and Lafayette Schools at $6,450 and $8,300 respectively. He will probably be awarded the contract. A complete list of the bids received will be found under the heading of Bids Opened in this issue.

JACKSON, AMADOR CO., CAL. — School addition, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Plans and specifications are being drawn and bids will soon be asked for the construction of a reinforced concrete addition to the Jackson High School to be used for domestic science work. The new addition will be 50 feet long and 30 feet wide.

WASHINGTON, YOLO CO., CAL.—School, 1 story and base, hollow tile or brick, $25,856. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Washington School District. Powell & Birdsall, Sacramento, submitted the lowest bids for this work at $25,856 and will be awarded the contract. A complete list of these bids will be found under the heading of Bids Opened in this issue.

TIELMAN, FRESNO CO., CAL. — School, 1 story, frame, $7,500. Architects, Swartz & Swartz, Rowell Bldg., Fresno. Owners, Tielman School District. Designed for a district school and will contain three class rooms. Plans complete and figures being taken.

MODESTO, STANISLAUS CO., CAL. —School, 1 and 2 story and base, brick and hollow tile. Cost not stated. Architects, De Remer & Hewitt, Title Insurance Bldg., L. A. Owners, City of Modesto. Location southwest First and H streets. Will contain 28 class rooms and a large auditorium. Plans complete and figures being taken. Separate bids for general construction, heating, ventilating and electric work.

MONROVIA, LOS ANGELES CO., CAL.—School, 1 story and base, reinforced concrete, $30,000. Architects, Wilson & Eager, American National Bank Bldg., L. A. Owners, City of Monrovia. Will cover an area of 100 by 120 feet and contain six class rooms and an auditorium. Plans complete and figures being taken.

FALLON, NEVADA—School, 1 and 2 story, hollow tile or reinforced concrete. Cost not stated. Architects, Wilson & Eager, American National Bank Bldg., L A Owners, Fallon School District. Caldwell & Sons, 110 Jessie street, S. F., have been notified by the Fallon School Trustees that their bid for erecting the one-story brick and hollow tile school building is the lowest received and has been taken under advisement. A contract will probably be awarded within the next ten days.

ELKO, NEVADA—Schools, 1 and 2 story and base, brick and concrete. Cost not stated. Architects, C. W. Dickey and J. J. Donovan, Perry Bldg., Oakland, Cal. Owners, City of Elko. There will be two buildings, the main one containing twelve class rooms and the other a dormitory and gymnasium. Plans complete and figures being taken. Plans can be secured from the architects' offices.

SEATTLE, WASH.—School, 2 story and base, brick, $17,000. Architects, Stephen & Stephen, New York Block, Seattle. Owners, School District No. 177. Will contain eight class rooms and a small auditorium. Plans are being prepared.

SEATTLE, WASH.—Schools, 2, 2 and 3 story and base, brick and concrete. Cost as follows. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. The following is a list of the low bids received by the Seattle Board of Education for the construction of the Fauntleroy and Latona grade schools. For the Latona School (general contract)—Booker, Kiehl & Whipple, $71,000. For the Fauntleroy School (general contract) —A. S. Peterson, $41,700. Latona School—Plumbing, P. J. Lavan, $11,263; heating, West Coast Heating Co., $11,050. Fauntleroy School—Plumbing, J. H. Stock, $5,704; heating, West Coast Heating Co., $10,906. All bids were taken under advisement.

SAN FRANCISCO — School fire escapes. Cost not stated. Architect, none. Owners, City and County of San Francisco. Bids will be opened by the Board of Public Works on May 23rd for furnishing and installing fire escapes on the Redding School.

OAKLAND, CAL. — Toilet systems. Cost not stated. Architect, none. Owners, City of Oakland. Bids will be opened on May 21st at 5 p. m. for replacing the present toilet systems in the Piedmont and Lincoln Schools. Plans can be secured from the Clerk of the Board of Education.

AUBURN, PLACER CO., CAL.—School gymnasium, 3 story, frame. Cost not stated. Architect, Allen D. Fellows, East Auburn. Owners Auburn School District. Bids will be opened on June 9th at 7:30 p. m. for a gymnasium building. Plans can be secured from the architect.

RICHMOND, CONTRA COSTA CO., CAL.—School sanitary system and building. Cost not stated. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owners, City of Richmond. Plans are complete for the new sanitary system to be installed at the Peres School.

Contracts Awarded.

ESTACADA, ORE.—School, 1 story and base, brick. Cost not stated. Architect, Charles H. Burgraf, Albany, Ore. Owners, Estacada School District. Contractors, Snook & Travers, Salem. Contract price not stated.

CLOVERDALE, SONOMA CO., CAL. —School, 1 story and base, brick. Cost as follows. Architect, Ernest Norberg, Bank Building, Burlingame. Owners, City of Cloverdale. Contractors, E. E. Etherton & Co., Monadnock Bldg., S. F., general construction, $23,700; J. C. Hurley Co., 509 Sixth street, S. F., heating and ventilating, $2,892.

SEWERS, STREET WORK & WATER SYSTEMS.

YUBA CITY, Sutter Co., Cal.—Completed specifications for street improvements in this city will be presented to the Trustees at their next meeting. The engineers named to make a survey of street conditions have their report ready. As soon as it is presented a resolution of intention to carry out the provisions contained in the report will be passed.

CASTELLA, Shasta Co., Cal.—Work has been started by a crew under the supervision of Fred Chapman on an eight mile road near Castle and Crow Creek, about 20 miles from here. The work is being undertaken by the Crow Creek Chrome Mining Co., a concern financed by San Francisco capitalists. The work will cost $8,000.

PORTLAND, Ore. — Montague-O'Reilly Co., of Portland, submitted the only bid for the improvement of portions of Front and 17th streets as a district on their bid of $14,194.88.

Two bids were submitted for the improvement of 15th street SE from Powell Valley road to Division street as follows:

Oregon Hassam Paving Co., "A" Hassam, $1.45 sq. yd., $28,550.65.

Warren Construction Co., bitulithic in roadway, $1.85 sq. yd.; concrete in tracks, $1.35 sq. yd., $31,788.77.

DAYTON, Wash.—An ordinance has been passed by the City Council providing for street work which is estimated to cost $303,000.

SEATTLE, Wash.—Bids opened by the Port of Seattle, Bell Street Dock, for filling a portion of Salmon Bay shows the Puget Sound Bridge & Dredging Co., Central Bldg., Seattle, low at 22 cents per cubic yard or $28 600.

SAN LEANDRO, Alameda Co., Cal.—The City Trustees will receive bids up to May 21st, 8 P. M., for the following work:

For constructing a bituminous-concrete pavement and concrete curbs and gutters on that portion of Washington avenue bounded as follows, to-wit:

On the NE by the SW line of East Fourteenth street; on the S by a line drawn at right angles to the E line of Washington avenue, distant thereon, 159 feet N from the N line of Ward street; and on the W by the center line of said Washington avenue.

W. J. Gannon is City Clerk.

VALLEJO, Solano Co., Cal.—City Engineer T. D. Kennedy is considering the petition of property owners for the paving of Carolina street, bet. Sacramento and Santa Clara streets. The petition asks that the street be paved its full width, the pavement to consist of a concrete foundation and bituminous rock wearing surface crowned in the center.

FRESNO, Fresno Co., Cal.—A petition has been filed with the City Council asking the construction of a sewer in Block No. 3 of the Belmont Addition. The city will pay one-half and the property owners the other, according to the petition.

SPRAGUE, Wash.—Bids are being received by City Clerk J. F. Hall up to May 22nd for the paving of approximately thirteen blocks. Plans were prepared by Engineers Sawyer Bros., Lindelle Block, Spokane, Wash.

OAKLAND, Alameda Co., Cal.—County Clerk Geo. E. Gross will receive bids up to May 28th, 10 A. M., for the oiling and screening of County Road No. 2568 or Tassajara Road, in Murray Road District, Murray Township, Alameda County.

MARTINEZ, Contra Costa Co., Cal.—Bids have been received from S. R. Barney, Harris & Riggs and Tony Albi for the cement walks, retaining wall and steps to the City Hall Park beautification scheme under the W. A. Doctor plans, but all were taken under advisement.

City Engineer Brown is working in conjunction with Doctor

STOCKTON, San Joaquin Co., Cal. The following bids were received by the City Council for the improvement of American street, between Market and Channel streets:

Clark & Henery, Stockton	$5,183.05
Paul & Caldwell, Stockton	5,340.80
Federal Constr. Co., S. F.....	5,356.83

All bids were taken under advisement. The City Engineer's estimate was $4,475.42.

FRESNO, Fresno Co., Cal.—Clarence C. Murray has been appointed City Engineer by the City Council. Murray will succeed J. J. Van Valkenburgh, Jr.

VISALIA, Tulare Co., Cal.—The County Supervisors have rejected all bids for furnishing cement, rock, sand and gravel to be used in the construction of the county highway system and have decided to call for new bids. All bids were considered too high.

LOS ANGELES, Los Angeles Co., Cal.—John Sutalo, 911 Sunset Blvd., Los Angeles, was the lowest bidder at $29,300 for the construction of a sewer in Avenue 50 and Buchanan street from Pasadena avenue to York boulevard and on portions of other streets. The other bids were: Mike Chutuk, $29,818; R. A. Wattson, $41,500; Leo Miletich, $92,842.50.

SAN RAFAEL, Marin Co., Cal.—The Supervisors have instructed the County Surveyor to make a survey for the building of a lateral highway from Belvedere to join the State Highway at Alto Station.

FRESNO, Fresno Co., Cal.—The Fresno County Supervisors have appropriated $7,000 with which to build the $14,000 road north of Huntington Lake. Half of the cost will be borne by the County and the remainder by the Government. The proposed road will be about six miles long.

BAKERSFIELD, Kern Co., Cal.—The Bakersfield City Council will receive bids up to May 22nd for the construction of a sewer in Sewer District No. 36.

FAIRFIELD, Solano Co., Cal.—The Board of Supervisors has officially approved Supervisor Connelly's plan of building fifty miles of concrete highway in the western portion of the Third Road District and has ordered posted and published a notice of intention to proceed with the work.

This plan constitutes a method of permanent road building at a cost of $500,000, the money to be obtained by a bond issue on seven districts, including Suisun and Green Valley and the Benicia section. Action is being taken under the Act of 1907.

May 21st is the date set for a hearing and final action on the proposed work. The proposed concrete highways will be twelve feet wide.

STOCKTON, San Joaquin Co., Cal.—Considerable street paving will be done at Escalon this summer, according to action taken by the Board of Supervisors. The exact extent of the work has not yet been determined, but it will mean the expenditure of several thousand dollars. Bids will be called at the Board meeting, June 5th. The plans and specifications call for work on First, Main and Second streets.

REDWOOD CITY, San Mateo Co., Cal.—The County Supervisors have rejected all bids submitted for the driving of a tunnel for water supply at the County Hospital Grounds. New bids will be received on June 4th.

REDWOOD CITY, San Mateo Co., Cal.—At the last meeting of the County Supervisors action in awarding the contract for the building of the septic tanks at the county farm and hospital bids for which had been opened at the meeting of April 16th, was postponed for two weeks.

NAPA, Napa Co., Cal.—County Clerk N. W. Collins will receive bids up to June 13th, 10 A. M., for crushing fifteen hundred cubic yards of rock, at the Harris Quarry on the Sonoma Road. Rock to be crushed during the month of July, 1917, and placed in bunkers. County to accept the same in bunkers and take delivery at the rate of Sixty (60) Yards or more per day.

County to furnish rock, power, crusher and bunkers. Rock to be crushed from two (2) inches to fine.

MERCED, Merced Co., Cal.—The City Trustees have passed resolutions of intention preparatory to undertaking anew the street paving program which was recently ordered and then nullified by a technical flaw. The streets and alleys to be paved are the same as those included in the former plan, save for the alley of the one block having no established grade, which was the flaw in the previous plan. The following streets and alleys are included in the plan:

Streets—O from 16th to 22nd, K from 19th to 23rd, 22nd from O to M, J from 20th to 22nd.

Alleys in the following blocks—Nos. 73, 75, 85, 86, 87, 88, 108, 109, 110, 123, 124, 125, 126, 143, 144, 145, 146, 147, 165, 187, A and B.

J. H. Shafer of Los Angeles submitted the lowest bid for this work when bids were opened by the Trustees some time ago.

FRESNO, Fresno Co., Cal.—City Clerk W. H. Ryan will receive bids up to May 21st, 5 P. M., for the following work:

That Ventura avenue from "R" street to Angus street be graded, curbed and guttered with cement concrete curb and gutter, and paved with a pavement consisting of a 4-inch cement concrete ½ base and a 1½-inch Bitulithic wearing surface, and culverted with corrugated iron culverts.

Certified check of 10% payable to Mayor and City Clerk.

VISALIA, Tulare Co., Cal.—The Tulare County Supervisors will shortly call for bids for furnishing the county with three big auto trucks, which will be used in the construction of the county highway system.

EUREKA, Humboldt Co., Cal.—City Clerk J. P. Wunderlich will receive bids up to May 22nd, 8 P. M., for the following work:

That all of Buhne street, Fairfield street to O street, be graded.

That all of Garland street from Buhne street to the northern terminus of said Garland street, be graded.

That a concrete pipe culvert, 30 inches in diameter, 2½ inches thick, and 184 feet long, free from cracks and manufactured of first class material, one part cement and three parts sand, to be a first class concrete pipe in all respects, be placed in the bottom of the gulch, crossing Buhne street between "L" and "M" streets.

Contract Awarded.

MONTESANO, Wash.—The County Commissioners have let contracts for highway work as follows:

To Keasel & Co., Tacoma, for the Cosmopolis-North River Relocation at $21,551.

The construction of Highway No. 15 to Nels Johnson of Hoquiam, Wash., at $24,715.

Geo. D. Robertson is County Engineer.

YUMA, Ariz.—The O. & C. Construction Company, Fullerton, Cal., was the only bidder and will be awarded the contract at about $84,000 for paving Second avenue and First street, by grading, paving, curbing, etc. Work will start within a few days.

REDWOOD CITY, San Mateo Co., Cal.—The contract for the construction of the State highway on El Camino Real fronting Wellesley Park, in Redwood City, has been awarded by the San Mateo County Supervisors to the Federal Construction Co., Sharon Bldg., San Francisco, on their bid of $5,964.38. Four bids were received, the others being:

Tieslau Bros., $7,431.75.
Frank Bryant, $7,332.02.
Blanchard, Brown & Co., $7,169.62.
Jas. V. Neuman is County Surveyor.

COQUILLE, Ore.—The Coos County Highway Commissioners have awarded a contract to E. G. Perham for the construction of the Coquille-Marshfield section on his bid of $80,030.

The contract for the construction of the Bandon-Curry Section was awarded to Hagpuist & Bjorkquist of Marshfield, Ore., on their bid of $49,665.

EVERETT, Wash.—The H. J. Kaiser Paving Co., of Everett, has been awarded the contract for paving with concrete that section of the Snohomish County Highway, between Hartford and Granite Falls, on their bid of $64,300.

W. C. Bickford is County Engineer.

OAKLAND, Alameda Co., Cal.—The City Council has awarded a contract to Bernard Ransome, 28th and Poplar Sts., Oakland, for the following work:

That the following described portion of Avenal avenue be graded, curbed with redwood, guttered with a concrete gutter 3 feet wide, paved with oil-macadam and sidewalked with a cement sidewalk, six feet wide to-wit: beginning at the intersection of the SW line of Avenal avenue with the NW line of Seminary avenue; running thence along the NW line of Seminary aveue to a point distant 3 feet SW, measured at right angles, from the NE curb line of Avenal avenue; thence parallel to said NE curb line of Avenal avenue to a point distant 80 feet S, measured at right angles, from the N line of Bond street; thence parallel to the SW line of Avenal avenue; thence in a direct line to the point of beginning.

TUCSON, Ariz.—The Aubrey Investment Company was the lowest bidder and was awarded the contract for constructing Section B, Nogales road, in Pima county, a length of approximately 18¼ miles. R. Toohey & Sons, of Tuscon, were the only other bidders.

BAKERSFIELD, Kern Co., Cal.—At the last meeting of the Kern County Supervisors bids were opened as follows:

For the construction of Division No. 8 of Section No. 2 of the Old River-Maricopa road.

John D. Marsh, Los Angeles..$58,859.10
Rogers Bros. & Co., L. A..... 72,067.90
Geo. S. Benson & Sons, L. A.. 63,633.65

Contract awarded to John D. Marsh, Wilson Block, Los Angeles, or Box 211, Bakersfield, Cal.

TURLOCK, Stanislaus Co., Cal.—The California Paving Co., of Modesto, has been awarded a contract for the improvement of North First street and Geer avenue.

REDDING, Shasta Co., Cal.—The Chico Construction Co., 408 Broadway, Chico, has been awarded the contract by the Trustees for the paving of eight blocks. The company's bid was as follows:

Asphalting pavement, complete, 24½ cents per square foot; curb 41 cents a linear foot; gutters, 21 cents per square foot; culverts, $2.10 per linear foot.

The entire job will cost close to $50,000.

AUBURN, Placer Co., Cal.—At last night's meeting of the City Council Tibbitts Pacific Co., 16 California St., San Francisco, was awarded a contract for paving all the streets in the business section of the city. The contract price is $40,891.05.

MT. VERNON, Wash.—The County Commissioners have awarded a contract to the Skagit Construction Company, of Mt. Vernon, for the paving of Permanent Highway No. 3B with concrete, on its bid of $34,120. W. E. Costello is County Engineer.

STORES AND OFFICES.

SAN FRANCISCO—Store and lofts addition, 1 story. Class C construction, $6,000. Architect, William Wilde 46 Kearny street, S. F. Owner J. B. Reite, 110 Jessie street. Location, south Bush betwen Polk and Van Ness avenue. Plans complete and in the hands of the owner who will take sub-figures.

SAN FRANCISCO—Lofts, 2 story and base, brick or reinforced concrete. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, George A. Webster. Location, north Sacramento between Drumm and Davis, covering an area of 60 by 120 feet. Plans are complete and figures are now being taken for both brick and reinforced concrete types of construction.

SAN FRANCISCO—Stores and lofts, 7 story and base, reinforced concrete. Cost not stated. Architects, Willis Polk & Co., Hobart Bldg., S. F. Owners, Regents of the University of California. Location, north Sutter street east of Kearny, covering an area of 103 by 137¼ feet. Plans are being prepared and when complete segregated figures will be taken.

SAN FRANCISCO—Stores, halls and offices, 3, 2 story and base, brick and steel, $60,000. Architect, none. Owners, Commercial Center Realty Co. Superintendent, R. W. Moller, Call-Post Bldg., S. F. Location, northeast Stockton and Green streets, covering an area of 87½ by 137½ feet. The first unit of this work is now under construction and the balance of the work will be started as soon as the first unit is completed.

SAN FRANCISCO — Stores alteration, 1 story, frame, $1,700. Architect, Bernard J. Joseph, Call-Post Bldg., S. F. Owner, B. Schapiro. Location, 1350 Polk street. Work will consist of installing new store fronts, exterior facing of tile, interior plastering, mill work, plumbing, painting and electric work. Plans are complete and figures are being taken.

MANTECA, SAN JOAQUIN CO., CAL.—Stores and rooms, 2 story and base, brick, $12,000. Architect, O. R. Thayer, 443 Georgia street. Vallejo. Owner, R. J. Treder.. Location, Yosemite avenue, covering an area of 50 by 100 feet. Plans complete and figures being taken by the owner.

VERNON, LOS ANGELES CO., CAL. Offices, 2 story and base. Class C construction, $55,000. Architects, Hibbard & Cody, Marsh-Strong Bldg., L. A. Owners, General Petroleum Corporation. Location, 37th and Santa Fe avenue, covering an area of 100 by 100 feet. Plans are being prepared.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base. Class A construction. Cost not stated. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owners, Dillon Estate. Location, northwest Hill and Seventh streets, covering an area of 100 by 165 feet. Plans are being prepared.

Contracts Awarded.

SEATTLE, WASH.—Telephone exchange, 1 and 2 story and base, brick. Cost not stated. Architect, E. J. Ivey, Boston Block, Seattle. Owners, Pacific Tel. and Tel. Co. Contractor, Harvey Allen, Seattle. Contract price not stated.

MODESTO, STANISLAUS CO., CAL.—Stores and shop, 2 story and base, brick, $12,000. Architect, none. Owners, Turner Hardware and Implement Co. Contractor, George J. Ulrich, 419 Sycamore street, Modesto. Contract price, $12,0000.

SAN FRANCISCO—Offices, 5 story and base. Class A construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Mills Estate. Superintendent J. S. Bogart, Mills Bldg., announces the award of the following contracts in connection with the construction of the annex to the Mills Bldg. to be erected on Pine street: Concrete and masonry awarded to James L. McLaughlin, 247 Kearny street; reinforcing steel to Woods, Huddart & Gunn, 444 Market street; carpentry work to Stockholm & Allyn, Monadnock Bldg.; plumbing, heating and sheet metal work to Robert Dalziel Co., 218 First street; elevators and dumb waiters to Otis Elevator Co., Beach and Stockton streets; electric work to H. S. Tittle, 245 Minna street; painting to J. H. Keefe & Co., 1442 Bush street; granite work to McGilvray-Raymond Granite Co., 634 Townsend street; plastering to Bradley & O'Reilly, 180 Jessie street; tile work to Holloway Expanded Metal Co., 517 Second St.; finish hardware to Palace Hardware Co., 581 Market street; pneumatic tube conveyors to Lampson & Co., 617 Mission street; roofing and pipe covering to H. W. Johns-Manville Co., Howard and Second streets, glass and glazing to W. P. Fuller & Co., Beale and Mission streets; marble work, ventilating and shades have not been awarded.

RICHMOND, CONTRA COSTA CO., CAL. Stores and offices, 2 story and base, brick. Cost not stated. Architect, James T. Narbett, 910 Macdonald avenue, Richmond. Owner's name withheld. Will contain stores on the first floor and a number of modern offices above. Plans are being prepared.

EUREKA, HUMBOLDT CO., CAL. Stores, bank, hotel and theatre, 1, 5 story and 2, 1 story, reinforced concrete, $350,000. Architect, W. H. Crim, Jr., 425 Kearny street, S. F. Owners, Roy Carruthers, Palace Hotel, S. F., and Alfred Swinnerton, Monadnock Bldg., S. F. Location, Fifth from F to G streets. Plans are being prepared and construction will be carried out by Lindgren & Co., Monadnock Bldg., S. F.

RICHMOND, CONTRA COSTA CO., CAL.—Offices, 3 story and base, brick and steel, $145,000. Archhitect, Washington J. Miller, 417 Market street, S. F. Owners, Standard Oil Co. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price, $145 000.

THEATRES.

Contract Awarded.

LOS ANGELES, CAL.—Theatre and stores, 2 story and base, reinforced concrete, $78,000. Architects, W. J. Dodd and William Richards, Brockman Bldg., L. A. Owners, Shirley Ward et al. Contractors, Winter & Nicholson, Marsh-Strong Bldg., L. A. Contract price, $78,000.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 4, 1917.—Sealed proposals will be opened in this office **at 3 p. m. June 13, 1917,** for the construction of the United States post office at Raton, N. Mex. Drawings and specifications may be obtained from the custodian of the site at Raton, N. Mex., or at this office in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

PROPOSALS FOR CEMENT.

CEMENT—Department of the Interior, U. S. Reclamation Service, Denver, Colo.—Sealed proposals will be received at the office of the United States Reclamation Service, Tramway Building, Denver, Colo., until **2 o'clock p. m. May 23, 1917,** and will at that hour be opened for furnishing 75,000 barrels of Portland cement, f. o. b. cars at the works of the bidder. For particulars address the U. S. Reclamation Service, Washington D. C., or Denver, Colo. R. F. WALTER, acting chief of construction.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1142 — Proposals for Gasoline and Kerosene.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington D. C., until **10:30 a. m. May 21.**

1917, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 1142) may be obtained from the office or the offices of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the U. S. engineer offices in the principal cities. EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CRANES.

CRANES—Sealed proposals indorsed "Proposals for Shipbuilding Cranes" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 28, 1917,** and then and there publicly opened, for furnishing four 15-ton traveling, revolving, hammerhead, shipbuilding cranes at the navy yard, Puget Sound, Wash. Specification (No. 2374) can be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. F. R. HARRIS, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1144 — Proposals for Steel, Steel Rail, Steel Ties and Fittings, Steel Reinforcing Bars, Cast Iron Bollards, Mooring Rings, Spur Pinions, Manganese Steel Tumblers, Wire Rope, Chain, Steel Pipe, Bronze Doors, Paint and Putty Mixers, Electric Motor, Storage Batteries, Forges, Dishwashing Machine, Files, Saucepans, Drinking Glasses, Window Glass, Hose, Cheesecloth, Bond Paper, Sal Soda, Caustic Soda, White Zinc, White Lead, Red Lead, Turpentine, Varnish, Ochre, Creosoted Lumber and Untreated Piles.—Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. May 25, 1917,** at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and information relating to this circular (No. 1144) may be obtained from this office or the office of the assistant purchasing agent, Fort Mason, San Francisco, Cal.; also from the United States engineer offices in the principal cities throughout the United States. EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR AIR COMPRESSORS.

AIR COMPRESSORS—Sealed proposals indorsed "Proposals for Air Compressors at Various Navy Yards" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 21, 1917,** and then and there publicly opened, for steam turbine-driven turbo and engine-driven reciprocating air compressors of capacities varying from 2,500 to 8,000 cubic feet per minute. Specifications (No. 2380) can be obtained on application to the bureau. F. R. HARRIS, chief of bureau.

PROPOSALS FOR GENERATORS.

GENERATORS—Sealed proposals indorsed "Proposals for Turbo-Generators for Various Yards" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 21, 1917,** and then and there publicly opened, for furnishing and installing 500 and 750 k. w. turbo-generators and 2 500, 3,125, 3,750 and 4,375 k. v. a. turbo-alternators for the various navy yards. Specifications (No. 2379) can be obtained on application to the bureau. F. R. HARRIS, chief of bureau.

PROPOSALS FOR ELEVATOR.

ELEVATOR—Sealed proposals indorsed "Proposals for Hydropneumatic Freight Elevator for Pearl Harbor" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 28, 1917,** and then and there publicly opened, for furnishing and delivering one hydropneumatic freight elevator, structural frame work and wire mesh inclosure complete at the naval station, Pearl Harbor, Hawaii. Drawing and specification (No. 2320) can be obtained on application to the bureau or to the commandant of the naval station named. F. R. HARRIS, chief of bureau.

NOTICE TO CONTRACTORS.

SEALED bids will be received at the office of Albers Bros. Milling Co., 332 Pine street, San Francisco, Cal., on or before **10 o'clock a. m. May 19th, 1917,** for the construction of a 6-story reinforced concrete Mill Building with Wheat Tanks 182′ 0″ by 62′ 0″, and Dock Building, located at the west end of Seventh street, Key Route Basin, City of Oakland, Cal., for Albers Bros. Milling Co.

Plans and specifications may be obtained at the office of the Engineer in charge of the work, R. M. Henningsen, on and after May 5th, at 311 Security Bank Bldg., Oakland, California.

The right is reserved by Albers Bros. Milling Co. to reject any and all bids. R. M. HENNINGSEN, Engineer in Charge of Construction.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on May 28, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Yolo County, at Davis (III-Yol-6-A), an undergrade crossing with the Southern Pacific Railroad, including substructure for subway and about 1200 feet of Portland cement concrete pavement.

Solano County, between Batavia and Putah Creek (III-Sol-7-E), about 8.4 miles in length to be paved with Portland cement concrete.

Santa Barbara County, between Zaca Station and Los Alamos (V-S.B-2-C), about 9 miles in length to be paved with Portland cement concrete.

Tulare County, between ¼ mile west of Visalia and Tulare (VI-Tul-4-C), about 9 miles in length to be paved with Portland cement concrete.

Ventura County, between Santa Clara River and Ventura (VII-Ven-2-C), about 4 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contracts, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated: April 24, 1917.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 4, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Shasta County, between Northerly boundary and Hazel Creek (II-Sha-3-D) about 11.2 miles in length to be graded.

Tulare County, between Southerly boundary and Earlimart (VI-Tul-4-A), about 6.6 miles in length to be paved with Portland cement concrete.

Tulare County, between Earlimart and Pixley (VI-Tul-4-A), about 5.9 miles in length to be paved with Portland cement concrete.

Los Angeles County, between Seeley's Ranch and a point near Acton (VII-L. A-23-D), about 10.6 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

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California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated: May 8, 1917.

NOTICE TO CONTRACTORS.

OFFICE Constructing Quartermaster, 1206 Pacific avenue, San Pedro, Cal.—Sealed proposals will be received here until **10:00 A. M., June 1, 1917,** and then opened, for furnishing and installing gas-fired heating systems in various buildings to be constructed at Fort MacArthur, Cal. Further information on application.

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1236	Walcott	Fetter	600
1237	Framm	Framm	850
1238	Concilla	De Luca	500
1239	Morris	Morris	2700
1240	O'Brien	Montgomery	16393
1241	Lange	Kneppler	2100
1242	Casson	Dahl	5600
1243	Am Nt'l Bk	Williams	9235
1244	Isaaks	Levi	450
1245	Kuhl	Reynolds	550
1246	Mizono	Kamiye	600
1247	Western Imp	Coggins	500
1248	Nelson	Nelson	2500
1249	Fazackerley	Bessett	4871
1250	Eastwood	Holm	9300
1251	Young	Young	16000
1252	Helbush	Barz	5500
1252	Helbush	Barz	5500
1254	Reed	Baddeley	2800
1255	Boardman	Atlas	2300
1256	Heller	Janssen	19150
1257	Rollins	Franz	4056
1258	Same	Morehouse	2309
1259	Same	Musto	1331
1260	Chinn	Novelty	400
1261	Eastern Outfng	Novelty	550
1262	No Percentage	Novelty	450
1263	Same	Same	450
1264	McCormick	Leigh	1000
1265	Kellie	Arthur	550
1266	Sorsoppi	Diestel	800
1267	Markey	Conservative	2950
1268	Mills Estate	Palace	2000
1269	Same	McGilvray	2285
1270	Same	Bradley	12600
1271	Same	Tittle	3000
1272	Same	Dalziel	11500
1273	Same	Keefe	2500
1274	McMcCarthy	Leiter	35000
1275	Bkly Bank	Swenson	500
1276	Demartini	Demartini	550
1277	Morton	Hamill	500
1278	Farley	Shalaba	840
1279	Stoecker	Rixen	550
1280	Roth	Swanson	450
1281	Speiser	Speiser	3000
1282	Bernhardt	Christensen	1500
1283	Bernhardt	Olson	1398
1284	Yee Sing	Owner	600
1285	Kammer	Muster	1700
1286	Lund	Ferriter	2000
1287	Delamater	Stahl	9000
1288	McArdle	Higginson	1000
1289	Bradley	Duncan	6200
1290	Dempniak	Pioneer Pl	432
1291	Same	Standard	750
1292	Same	Goldberg	1650
1293	Same	Gibbs	3503

ALTERATIONS
(1206) NO. 425-39 WALNUT. Alter flats.
Owner.....E. A. Walcott, 427 Walnut San Francisco.
Architect .....None.
Contractor....F. Fetter, 301 Guerrero, San Francisco.
COST, $600

CONCRETE FLOOR
(1237) NOS. 42-44 OTIS. Concrete floor.
Owner.....Framm Draying Co., 138 12th. San Francisco.
Architect .....None.
Day's work. COST, $850

UNDERPIN
(1238) S FILBERT 94 E Jones. Underpin, etc.
Owner.....V. Concilla, 2256 Jones, San Francisco.
Architect .....None.
Contractor....R. De Luca, 2256 Jones, San Francisco.
COST, $500

FRAME DWELLING
(1239) E EASTWOOD DRIVE 31 N San Ramon Way. One-story and basement frame dwelling.
Owner.....Linnie Morris, 132 Judson Ave.., San Francisco.
Architect .....A. W. Smith, 1010 Broadway, Oakland.
Contractor....G. W. Morris, 132 Judson Ave., San Francisco.
COST, $2700

FRAME APARTMENTS
(1240) NE EDDY AND FRANKLIN 77-6 on Eddy and 50 on Franklin. All work except plumbing, heating and wall beds for three-story frame apartments and stores.
Owner.....O'Brien Kiernan Realty Co., 1756 Mission, S. F.
Architect .....Theo. W. Lenzen, Humboldt Bank Bldg.., S. F.
Contractor....E. J. Montgomery, 1320 Broadway, San Francisco.
Filed May 7, '17. Dated Apr. 26, '17.
Frame up and roof on.....$4000
Plastering completed 4100
Completed and accepted..... 4193
36 days after 4100
TOTAL COST, $16,393
Bond, $8200. Surety, Chas. Schlessinger and Jno. H. Brickwedel. Limit, 85 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
(1241) LOT 9 BLK 3173 Westwood Park. All work for one and one-half-story frame bungalow.
Owner.....Fredk. Z and Wilhelmina K. Lange, 2426 Bryant, San Francisco.
Architect .....Ida F. McCain, 660 Market, San Francisco.
Contractor....R. W. Kneppler & Co., 606 Haight Ave., Alameda.
Filed May 7, '17. Dated May 2, '17.
Frame up and enclosed $525
Brown coated 525
Usual 35 days..... 525
Usual 35 days..... 525
TOTAL COST, $2100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS
(1242) E PRESIDIO AVE 125 S California 25x100. All work for two-story frame apartments.
Owner.....Albert Casson, 3241 Sacramento, San Francisco.
Plans by Contractor.
Contractor....Alfred C. Dahl, 828 Fulton, San Francisco.
Filed May 7, '17. Dated May 7, '17.
Frame up $1000
Brown coated 1000
Completed 1700
30 days after..... 1900
TOTAL COST, $5600
Bond, none. Limit, 4 months after May 14. Forfeit, $10. Plans and specifications, none.

OFFICE BUILDING
(1243) SE CALIFORNIA & MONTgomery E 68-9xS 137-6. Receive, store, distribute, assort, erect, rivet and paint all structural steel and cast iron bases for ten-story and basement office building.
Owner.....The American National Bank of San Francisco, Merchants' Exch. Bldg., San Francisco.
Architect .....G. W. Kelham, Sharon Bldg., San Francisco.
Contractor....J. G. Williams Constr. Company.
Filed May 7, '17. Dated Apr. 30, '17.
Semi-monthly payments of..... 75%
TOTAL COST, $9275
Bond, $4637.50. Surety, Maryland Casualty Co. Limit, as required. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1244) NW GEARY AND GRANT Ave. Alter store.
Owner.....Abe Isaaks, Premises.
Architect .....None.
Contractor....S. Levi, 243 7th, S. F.
COST, $450

ALTERATIONS
(1245) NE SICKLES & WINNIPEG. Alter dwelling.
Owner.....Mrs. H. Kuhl, 203 Sickles, San Francisco.
Architect .....None.
Contractor....E. A. Reynolds, 116 Sadowa, San Francisco.
COST, $550

ADDITION
(1246) NO. 425 DIVISADERO. Add windows and cement floor.
Owner.....S. Mizono, Premises.
Architect .....None.
Contractor....J. S. Kamiye, 1663 Post, San Francisco.
COST, $600

ALTERATIONS
(1247) NO. 108 CALIFORNIA Alterations.
Owner.....Western Import Co., 112 Market, San Francisco.
Architect .....None.
Contractor....L. M. Coggins, 115 Turk, San Francisco.
COST, $500

FRAME DWELLING
(1248) E THIRTIETH AVE 270 N Irving. One and one-half-story and basement frame dwelling.

Owner Fernando Nelson & Sons, 2701 Lincoln Way, S. F.
Architect None.
Day's work. COST, $2500

RESIDENCE
(1249) SE PLYMOUTH & MONTEcito being Lots 16 and 17 Blk 3135, Westwood Park. All work for two-story residence and garage.
Owner.. R. E. Fazackerley, Care Baldwin & Howell, S. F.
Architect . Ida F. McCain, 660 Market, San Francisco.
Contractor. C. H. Bessett, 343 29th Ave., San Francisco.
Filed May 8, '17. Dated Apr. 30, '17.
Frame up and enclosed.....$1217.75
Brown coated 1217.75
Completed and accepted..... 1217.75
Usual 35 days..... 1217.75
TOTAL COST, $4871.00
Bond, $2436. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. . Forfeit, none. Plans and specifications filed.

BRICK STORES
(1250) N HOWARD 100 E Fremont E 67-6xS 108-4. All work for a one-story brick building (stores.)
Owner.....Jos. Eastwood, 25 Tehama, San Francisco.
Architect.....E. P. Antonovich, 20 Montgomery, S. F.
Contractor....Mathaus Holm, 68 Post San Francisco.
Filed May 8, '17. Dated May 5, '17.
Trusses in place and steel lintels set $2325
Roof completed, skylights, plumbing and electric work roughed in 2325
Completed and accepted 2325
Usual 35 days 2325
TOTAL COST, $9,300
Bond, $4,650. Sureties, New Amsterdam Casualty Co. Forfeit, $20. Limit, 45 days after removal of material on lot. Plans and specifications filed.

FRAME APARTMENTS
(1251) W LARKIN 87 N California. Three-story and basement frame (9) apartments.
Owner.....Edw. E. Young, 251 Kearny, San Francisco. .
Architect .....E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $16,000

FRAME FLATS
(1252) E ARGUELLO BLVD. 175 N Euclid Ave., Two-story and basement frame (2) flats.
Owner.....H. Helbush, 75 Sutter, San Francisco.
Architect .....Harris & Antonovich, 20 Montgomery, S. F.
Contractor....A. Barz, Arguello Blvd. & Euclid Ave., S. F.
COST, $5500

FRAME FLATS
(1253) E ARGUELLO BLVD. 150 N Euclid Ave., Two-story and basement frame (2) flats.
Owner.....H. Helbush, 75 Sutter, San Francisco.
Architect .....Harris & Antonovich, 20 Montgomery, S. F.
Contractor....A. Barz, Arguello Blvd. & Euclid Ave., S. F.
COST, $5500

FRAME FACTORY
(1254) NO. 1507 FOLSOM. Two-story frame factory.
Owner.....Reed Pickle Works, Inc., Premises.
Architect .....None.
Contractor....B. F. Baddeley, 11 College Terrace, S. F.
COST, $2800

HEATING AND VENTILATING
(1255) NO. 514 GUERRERO. Steam heating and hot water plant including all excavating, concrete and cement work, hollow tile work, sheet metal work, plastering, patent flues, electric work, glass, plumbing, etc., for St. Thomas Apartments.
Owner.....Ellen Boardman.
Architect .....W. G. Hind, 46 Kearny, San Francisco.
Contractor....Atlas Heating & Ventilating Co., 72 Freelon, S. F.
Filed May 9, '17. Dated May 8, '17.
Steam and hot water pipes installed 25%
Completed and accepted..... 50%
Usual 35 days.....Balance
TOTAL COST, $2300
Bond, none. Limit, 45 days from issuance of permit. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS
(1256) E PRESIDIO AVE 100 N Sacramento N 27-8¼ E 99-11 S 27-8¼ W 25 S 1-6 W 40 N 1-6 W 34-11. All work for three-story and basement frame apartments.
Owner.....Chas. L. and Nonie Heller, Care of architect.

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Architect .....C. O. Clausen, Hearst Bldg., San Francisco.
Contractor . E. A. Janssen, Hearst Bldg., San Francisco.
Filed May 9, '17. Dated Apr. 21, '17.
Frame up $4787.50
Brown coated 4787.50
Completed and accepted... . 4787.50
Usual 35 days 4787.50
TOTAL COST, $19,150.00
Bond, $9575. Sureties, Geo. Seeger and Isabel Jannsen. Limit, 90 days from recording. Forfeit, $5. Plans and specifications filed.

OFFICE AND INTERIOR FINISH
(1257) NE MONTGOMERY & PINE E 77-6xN 73-1½. Carpentry and cabinet work for offices and interior finish.
Owner.....E. H. Rollins & Sons, 1st National Bank Bldg., S. F.
Architect .....Willis Polk & Co., Hobart Bldg., S. F.
Contractor....Val Franz & Son, 180 Jessie, San Francisco.
Filed May 9, '17. Dated Apr. 28, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $4056
Bond, $2100. Surety, Maryland Casualty Co. Limit, Aug. 15. Forfeit, $5. Plans and specifications filed.

(1258) LATHING, PLASTERING & artificial stone work on above.
Contractor....C. C. Morehouse, 872 Folsom, San Francisco.
Filed May 9, '17. Dated Apr. 28, '17.
Payments same as above.....
TOTAL COST, $2309
Bond, $1200. Surety, London & Lancanshire Indemnity Co. Limit, Aug. 1. Forfeit, $5. Plans and specifications filed.

(1259) MARBLE WORK ON ABOVE.
Contractor....Joseph Musto Sons-Keenan Co., 535 North Point, San Francisco.
Filed May 9, '17. Dated Apr. 28, '17.
Payments same as above.....
TOTAL COST, $1331
Bond, $700. Surety, New Amsterdam Casualty Co. Limit, July 25. Forfeit, $5. Plans and specifications filed.

ELECTRIC SIGN
(1260) NO. 164 POWELL. Electric sign.
Owner.....Chinn Beretta, Premises.
Architect .....None.
Contractor....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $400

ELECTRIC SIGN
(1261) NO. 1017 MARKET. Electric sign.
Owner.....Eastern Outfitting Co., Premises.
Architect .....None.
Contractor....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $550

ELECTRIC SIGN
(1262) SW MISSION & 18TH. Electric sign.
Owner.....No Percentage Drug Co., Premises.
Architect .....None.
Contractor....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $450

ELECTRIC SIGN
(1263) SW MISSION & 18TH. Electric sign.
Owner.....No Percentage Drug Co., Premises.
Architect .....None.
Contractor....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $450

FRAME GARAGE
(1264) W NINETEENTH AVE 250 S Pacheco. One-story frame garage, reception room and dog kennels.
Owner.....T. J. McCormick, 18 Ramona, San Francisco.
Architect .....None.
Contractor....Leigh & Schultz, 731 34th Ave., San Francisco.
COST, $1000

ALTERATIONS
(1265) NO. 1257 ARGUELLO BOULEvard. Raise dwelling for garage.
Owner.....Chas. Kellie, Premises.
Architect .....None.
Contractor....L. Arthur, 1230 Arguello Boulevard, San Francisco
COST, $550

REPAIRS
(1266) SE BROADWAY & POWELL Repair fire damage.
Owner.....M. Sorsoppi, 1400 Powell, San Francisco.
Architect .....None.
Contractor....John Diestel, 248 Russ Bldg., San Francisco.
COST, $800

FRAME DWELLING
(1267) NW FAXON AND ELMWOOD Way. One-story and basement frame dwelling.
Owner.....Geo. A. Markey, 4672 18th, San Francisco.
Designer .....Ed. Musson Sharpe.
Contractor....Conservative Bldg. & Investment Co., 200 Phelan Bldg., San Francisco.
COST, $2950

ALTERATIONS
(1268) S PINE 182-6 W Sansome W 40xS 137-6. Finish hardware for alterations to five-story and basement reinforced concrete office bldg.
Owner.....Mills Estate Incorporated, Mills Bldg., S. F.
Architect .....Benj. G. McDougall, Sheldon Bldg., S. F.
Contractor....Palace Hardware Co., 581 Market, San Francisco.
Filed May 10, '17. Dated Apr. 20, '17.
On receipt of all hardware.... 75%
Usual 35 days..... 25%
TOTAL COST, $2000
Bond, $100. Surety, The Aetna Accident & Liability Co. Limit, 90 days. Forfeit, $100. Plans and specifications none.

(1269) GRANITE WORK ON ABOVE.
Contractor... McGilvray Raymond Granite Co., 634 Townsend San Francisco.
Filed May 10, '17. Dated Apr. 25, '17.
Between 1st and 10th of each month payments of .. 75%
Usual 35 days 25%
TOTAL COST, $2285
Bond, $1150. Surety, The Aetna Accident & Liability Co. Limit, 15 days. Forfeit, $100. Plans and specifications none.

(1270) PURRING, LATH & PLASTER on above.
Contractor Bradley & O'Reilly, 180 Jessie, San Francisco.
Filed May 10, '17. Dated Apr. 25, '17.
Payments same as above .....
TOTAL COST, $12,600
Bond, $6300. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, $100. Plans and specifications none.
(1271) ELECTRIC WIRING ON above.
Contractor....H. S. Tittle, 245 Minna, San Francisco.
Filed May 10, '17. Dated Apr. 19, '17.
Payments same as above.....
TOTAL COST, $3000
Bond, $1500. Surety, The Aetna Accident & Liability Co. Limit 120 days. Forfeit, $100. Plans and specifications none.

(1272) HEATING, PLUMBING AND sheet metal work on above.
Contractor....Robert Dalziel Jr., 218 1st, San Francisco.
Filed May 10, '17. Dated Apr. 30, '17.
Payments same as above.....
TOTAL COST, $11,500
Bond, $5750. Surety, The Aetna Accident & Liability Co. Limit, 90 days. Forfeit, $100. Plans and specifications none.

(1273) PAINTING ON ABOVE.
Contractor....J. H. Keefe & Co., 1442 Bush, San Francisco.
Filed May 10, '17. Dated Apr. 25, '17.
Payments same as above.....
TOTAL COST, $2500
Bond, $1250. Surety, The Aetna Accident & Liability Co. Limit, 30 days. Forfeit, $100. Plans and specifications none.

STORE AND LOFTS
(1274) S SACRAMENTO 128-9 W Davis W 42-10 S 45-10 W 5-11 S 45-10 E 48-9 N 91-8. All work for four-story and base brick store and loft building.
Owner.....Catherine McCarthy, care Levi Strauss, Pine and Battery, S. F.
Architect.....Edgar A. Mathews, 251 Post, San Francisco.
Contractor....E. T. Leiter & Sons, Inc., Call Bldg., S. F.
Filed May 10, '17. Dated May 3, '17.
Before 10th of each month.....75%
Usual 35 days 25%
TOTAL COST, $35,000
Bond, Sureties, Forfeit, none. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(1275) NO. 1799 McALLISTER. Alter front.
Owner.....Berkeley Bank of Savings, Berkeley.
Architect .....None.
Contractor....Swenson & Franzen, 145 Natoma, San Francisco.
COST, $500

ALTERATIONS
(1276) NO. 653 PACIFIC. Alter for laundry.
Owner.....Mrs. Adele Demartini & Mrs. Eugenia Perasso.
Architect .....None.
Day's work. COST, $550

ADDITION
(1277) NO. 5715 GEARY. Add one room.

Owner.....R. H. Norton, Geary near 21st Ave., S. F.
Architect.....None.
Contractor....Thos. Hamill, 4109 Balboa, San Francisco.
COST, $500

ALTERATIONS
(1278) NO. 1523 GUERRERO. Concrete foundation and cement floor.
Owner.....T. Farley, Premises.
Architect.....None.
Contractor....A. Shalaba, 500 Gates, San Francisco.
COST, $840

ALTERATIONS
(1279) NO. 680 MARKET. Alter store and tea room.
Owner.....W. H. Stoecker, 529 Bush, San Francisco.
Architect.....None.
Contractor....Jas. Rixen, 125 Gambetta St., Daly City.
COST, $550

ALTERATIONS
(1280) NO. 1350 EIGHTH AVE. Brick steps, brick veneer front, etc.
Owner.....Paul Roth, Premises.
Architect.....None.
Contractor....Oscar Swanson, 572 Clipper, San Francisco.
COST, $450

ALTERATIONS
(1281) SW PACIFIC & STOCKTON. Lath plaster partitions on 2nd floor, alter fronts, etc., rooming house.
Owner.....A. Speiser, 2866 Sacramenta, San Francisco.
Architect.....M. G. Bugbee, 619 Washington, San Francisco.
Day's work. COST, $3000

STORAGE ROOM
(1282) N TWENTIETH 75 E Eureka. One-story frame storage room.
Owner.....Emil Bernhardt, 328 Lick Bldg., San Francisco.
Architect.....None.
Contractor....B. R. Christensen, 328 Lick Bldg., S. F.
COST, $1500

FRAME GARAGE
(1283) N TWENTIETH 75 E Eureka N 110xE 25. Grading, filling, concrete, carpentry and joiner's work, plumbing, electrical work and painting, etc., for one-story and basement frame garage.
Owner.....Emil Bernhardt, 3700 23d, San Francisco.
Architect.....B. R. Christensen, 328 Lick Bldg., S. F.
Contractor....A. E. Olson, 125 Jersey, San Francisco.
Filed May 11, '17. Dated May 8, '17.
Frame up $466
Completed and accepted..... 466
Usual 35 days..... 466
TOTAL COST, $1398
Bond, $699. Sureties, Thos. P. Duffy and John S. Nelson. Limit, 45 days from filing. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1284) NO. 421 GRANT AVE. Concrete floor, new tar and gravel roof for laundry.
Owner.....Yee Sing, Premises.
Architect.....None.
Day's work. COST, $600

ALTERATIONS
(1285) NE NINTH AVE AND IRVING New fronts.
Owner.....Geo. Kammer, Cr Arch't-tect.
Architect.....Henry Shermund, 803 Mills Bldg., S. F.
Contractor....Munster & Bornholdt, 1530 Broderick, S. F.
COST, $1700

FRAME DWELLING
(1286) E FAXON AVE 45 S Southwood Drive. One-story and basement frame dwelling.
Owner.....Chas. Lund.
Architect.....A. W. Smith, 1010 Broadway, Oakland.
Contractor....D. J. Ferriter, 3002 California, San Francisco.
COST, $2000

FRAME APARTMENTS
(1287) E SIXTH AVE 250 N Cabrillo Two-story and basement frame (4) apartments.
Owner.....R. C. Delamater, 660 6th Ave., San Francisco.
Architect.....None.
Contractor....J. J. Stahl, 668 8th Ave., San Francisco.
COST, $9000

ALTERATIONS
(1288) E SCOTT 25 N Page. Alter 4 residences into (8) flats. New kitchens, porches, etc.
Owner.....A. McArdle, 803 Humboldt Bank Bldg., S. F.
Architect.....None.
Contractor....Higginson Co., 803 Humboldt Bank Bldg., S. F.
COST, $4000

ALTERATIONS
(1289) NO. 2714 PACIFIC AVE. General alterations for residence.
Owner.....F. W. Bradley, Crocker Bldg., San Francisco.
Architect.....Weeks & Day, Phelan Bldg., San Francisco.
Contractor....W. C. Duncan & Co., 508 Sharon Bldg., S. F.
COST, $6200

FRAME APARTMENTS
(1290) SW FELL AND OCTAVIA. Glass and glazing for three-story and basement frame (21) apartments
Owner.....Michael Dempniak, 1828 Hyde, San Francisco.
Architect.....None.
Contractor....Pioneer Plate & Window Glass Co., 1037 Mission, San Francisco.
Filed May 12, '17. Dated Apr. 21, '17.
Upon installation of all exterior glass $192.00
Upon completion 132.38
Usual 35 days..... 198.12
TOTAL COST, $432.50
Bond, limit, forfeit, none. Plans and specifications, none.
NOTE:—Work has commenced.

(1291) TIN AND SHEET METAL work on above.
Contractor....C. T. Newman (as Standard Sheet Metal Works), 337 Valencia, S. F.
Filed May 12, '17. Dated Apr. 18, '17.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $750
Bond, limit, forfeit, none. Plans and specifications, none.
NOTE:—Work has been commenced and 1st payment made.

(1292) PAINTING, ETC. ON ABOVE.
Contractor....S. Goldberg.
Filed May 12, '17. Dated Apr. 24, '17.
Inside and outside primed.....$300.00
Inside work finished and outside primed 300.00
Completed and accepted..... 637.50
Usual 35 days..... 412.50
TOTAL COST, $1650.00
Bond, $825. Surety, United States Fidelity & Guaranty Co. Limit, without delay. Forfeit, none. Plans and specifications, none.
NOTE:—Work has commenced.

(1293) PLUMBING AND GAS FITting on above.
Contractor....J. Gibbs, 2505 California, San Francisco.
Filed May 12, '17. Dated Mar. 1, '17.
Roughed in $875.75
Sinks and trays delivered..... 875.75
Plumbing completed..... 875.75
Usual 35 days..... 875.75
TOTAL COST, $3503.00
Bond, none. Limit, without delay. Forfeit, plans and specifications, none.
NOTE:—Plumbing roughed in and 1st payment made.

LEASE.

San Francisco County.

May 12, 1917—E DIVISADERO 37-6 N O'Farrell N 127-6xE 100. Harris, Louis H and Benj Anixter to Anixter & Sons. 50 years.
May 11, 1917—NO. 2728 UNION bet. Broderick and Baker. Gertrude M Austin to Captain James M Hobson, Jr. 3 months. $225.
May 9, 1917—NO. 3276 MISSION. Erminia Lercari, Adeline Williams, Dora Meherin and Jos Cereghino to Paul J Michieli. 5 years. $65 per month.

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
May 5, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to W D Henderson, May 3; D Zelinsky & Son.....May 4, 1917
May 5, 1917—E FORTIETH AVE 250 S Clement 30x120. Martin Nelson to whom it may concern.....May 5, 1917
May 5, 1917—W RAILROAD AVE 125 S Paul Ave 25x107. C Z Sutton to whom it may concern.....April 28, 1917
May 5, 1917—N BALBOA 95 E 3rd Ave 25x100. Conrad Herman to H C Keenan.....May 3, 1917
May 7, 1917—W DELMAR (De Long Ave) 240 S Waller S 25xW 86-3. Emil Nelson to whom it may concern.....Completed ——
May 7, 1917—E TWELFTH AVE 225 N Cabrillo (C) N 25xE 120. Robert McLelland to whom it may concern.....May 7, 1917
May 7, 1917—LOT 9 Belle Roche City Tract on Havelock 198 W San Jose Ave. Andrew and John Ghiotto to G Palma.....May 2, 1917

May 7, 1917 E TWELFTH AVE 200 N Cabrillo (C) N 25xE 120. Robert McLelland to whom it may concern ..... May 7, 1917

May 7, 1917 E TAYLOR bet. Turk & Eddy No. 140 Taylor. Josephine Dupuy to Bernard Becaas May 5, '17

May 8, 1917 E TAYLOR bet Turk & Eddy No. 140 Taylor. Josephine Dupuy to S F Elevator Co ..... May 5, 1917

May 8, 1917 E TWENTY-FOURTH Av 220 N Vincente N 30x120. William and Ida Thompson to whom it may concern.....May 7, 1917

May 9, 1917 E DE HARO 250 S 22d S 25xE 100. Steve and Maine Sohriakoff to whom it may concern..... May 4, 1917

May 9, 1917—SW CALIFORNIA & Davis W 87-6xS 137-6. California Packing Corp to P J Lynch..... May 5, 1917

May 9, 1917 E FIFTEENTH AVE 126-10 S Balboa S 50xE 88-3. Emil Nelson to whom it may concern..... May 9, 1917

May 9, 1917—E PLUTO 62 S Masonic Ave 27-6x81 m or l. E V Lacey to Jac Steur .....May 1, 1917

May 9, 1917—N EDDY 87-6 E Larkin E 25xN 137-6. Samuel or S Schell and Conradina Schell to whom it may concern.....May 9, 1917

May 10, 1917—N BRUNSWICK and Curtis NW 75xNE 72. Albin M. Samuelson to whom it may concern.....May 1, 1917

May 10, 1917—SE NAPLES 125 NE Brazil Ave NE 25xSW 100, Blk 54 Excelsior Homestead. August and Ida Peters to John Casty..... May 10, 1917

May 10, 1917—NW TWELFTH AVE and Anza N 75xW 45. W H Buster to N A Carlson.....May 9, 1917

May 10, 1917—NW DIVISADERO & Fulton W 137-6 N 63-1⅜ NE 148-4 m or l S 117-11½. William Crocker to A M Wallen.....May 9, 1917

May 10, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Gilley Schmid Co..... May 9, 1917

May 10, 1917—N JACKSON 132-1 W Franklin W 60xN 1278¼. Annie Peyser to Gilley Schmid Co..... May 9, 1917

May 11, 1917—E GUERRERO 110 S 19th 24-10¾xE 90. William J and Caroline E Sullivan to A Klahn & Son.....May 10, 1917

May 11, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to M A De Lew....May 10, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

May 2, 1917—NE POWELL AND Sutter. T D Gilmore to Alice M Hager and Ethel B Kellogg.....

May 3, 1917—W THIRTY-FOURTH Ave 225 S Geary W 120xS 50. J J Calish Co to Paul and Chas M Tieburg .....

May 8, 1917—NE GRANT AVE and Bush. Hooper Lumber Co. vs. J. J. Hannaberry and Louis Friedman $204.27

May 9, 1917—W CHILTON AVE 325 S Bosworth S 50xW 100. Jas Tobin to Thos. J. Crowley.....

May 9, 1917—NE PAGE & STANYAN N 25 S 25 W 100. Vermont Marble Co to H Schulz .....

May 10, 1917—N BROADWAY 125 W Broderick N 137-6xW 55. Thomas A. Cavanagh vs. Julia de Welsh..... .....$6,623.90

May 10, 1917—N BROADWAY 125 W Broderick N 137-6x W 55. Thomas A. Cavanagh vs. Julia de L. Welsh and Floodberg McCaffery.....$562.70

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
920	Williamson	Owner	500
921	Martin	Martin	500
922	Grandjean	Holmes	12000
923	Mottino	Garello	1346
925	Reis	Boga	1600
926	Myers	Nelson	975
927	Gilpin	Schnebly	18000
928	Pratt	Pratt	3500
929	Davenport	Davenport	400
930	May	Chick	2200
941	Mazzola	Hunter	600
942	Quality Laundry	Owner	400
943	Kurtz	Schualzer	3500
944	Kelly	Davis	3000
945	Edwards	Larson	3000
948	Mazzanti	Anderson	1980
949	Anderson	Anderson	1980
950	Allison	Allison	1200
951	MacGregor	MacGregor	1500
952	Same	Same	1500
953	Same	Same	1500
954	Same	Same	1500
955	Locan	Livingston	3497
956	Taylor	Taylor	2500
957	Same	Same	2500
958	Shaw	Pedgrift	450
959	Oliver	Powell	400
960	Noble	Noble	2250
961	Myers	Anderson	19950

ADDITION
(920) NO. 3268 LYNDE, Oakland. Addition.
Owner.....J. Williamson, Premises.
Architect .....None.
Day's work. COST, $500

ALTERATIONS
(921) NO. 2439 MAGNOLIA, Oakland Alterations.
Owner.....Joe Martin, 2241 Valdez, Oakland.
Architect .....None.
Day's work. COST, $500

BRICK GARAGE
(922) E BROADWAY 150 S Brook, Oakland. One-story brick garage.
Owner.....Henry Grandjean, 1800 E-24th, Oakland.
Architect .....None.
Contractor....A. S. Holmes, 565 16th, Oakland.
COST, $12,000

DWELLING
(923) N FORTY-SIXTH 300 W Grove, Oakland. One-story 4-room dwelling.
Owner.....G. Mottino, 698 46th, Okd.
Architect .....None.
Contractor....Garello & Cisero, 311 51st Oakland.
COST, $1346

FRAME DWELLING
(925) S JOAQUIN AVE 150 E Santa Clara street, E 50xS 143.25, San Leandro. All work for one-story frame dwelling.
Owner Frank Dia Rei and Izabel Mendonca Rei, San Leandro.
Architect.....None.
Contractor....J. M. Boca, San Leandro.
Filed May 8, '17. Dated May 2, '17.
Frame up and roof on ¼
Plastered ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, $1600
Bond, $1600. Sureties, J. S. Bettencourt and J. A. Cunha. Forfeit, $5. Limit, 60 days from May 7. Plans and specifications filed.

CONCRETE FOUNDATION
(926) E HARRISON 140 S 24th, Oakland. Concrete foundation for two-story apartments.
Owner.....J. S. Myers, 1494 Alice, Oakland.
Architect .....A. W. Smith, 1010 Broadway, Oakland.
Contractor....F. E. Nelson, 3090 King, Berkeley.
COST, $975

GARAGE
(927) NE ORCHARD AND BROADway, Oakland. One-story concrete garage.
Owner.....Mary B. Gilpin and Hattie Bowen, 2938 Webster, Oakland.
Architect .....A. W. Smith, 1010 Broadway, Oakland.
Contractor....Schnebly & Hostrawser, 6th and Jefferson, Okd.
COST, $18,000

DWELLING
(928) N FAIRBANKS AVE 600 E Crofton Ave., Oakland. Two-story 8-room dwelling.
Owner.....H. S. Pratt, 1015 Glendora Oakland.
Architect .....None.
Day's work. COST, $3500

ALTERATIONS
(929) NO. 348 SIXTY-THIRD, Oakland. Alterations.
Owner.....J. E. Davenport, Premises
Architect .....None.
Day's work. COST, $400

DWELLING
(930) E SEMINARY AVE 90 S Avenal Ave., Oakland. One-story 5-room dwelling.
Owner.....Walter L. May, Foothill Blvd. near 58th Ave., Okd
Architect .....None.
Contractor....Edw A. Chick, 405 Syndicate Bldg., Oakland.
COST, $2200

ADDITION
(941) NO. 848 FORTY-SECOND, Oakland. Addition.
Owner.....Lorenzo Mazzola, 846 43d Oakland.
Architect .....None.
Contractor....A. W. Hunter, 528 Broadway, Oakland.
COST, $600

SHED
(942) NO. 1893 CYPRESS, Oakland. Shed.
Owner.....Quality Laundry Co., 1893 Cypress, Oakland.
Architect .....None.
Day's work. COST, $400

FRAME RESIDENCE
(943) LOT 31 NOVA PIEDMONT, Piedmont. Two-story 6-room frame residence.
Owner.....Mary C. Kurtz.
Architect .....None.
Contractor....Harry Schulazer.
COST, $3500

BRICK WAREHOUSE
(944) W CLAY 100 N Sixth, Oakland. One-story brick warehouse.
Owner.....Wm. J. Kelly, 2028 Clinton Ave., Alameda.
Architect .....None.
Contractor....A. L. Davis, 2626½ Union, Oakland.
COST, $3000

DWELLING
(945) W EDGEWOOD AVE 375 S Hollywood, Oakland. Two-story 7-room dwelling.
Owner.....Mrs. Sarah Edwards, 1200 E-24th, Oakland.
Architect .....None.
Contractor....Anderson & Larson, 2503 12th Ave., Oakland.
COST, $3000

DWELLING
(948) SE THIRTY-FIFTH AVE AND Poa, Oakland. One-story five-room dwelling.
Owner.....Valentino Mazzanti, 3447 E-14th, Oakland.
Architect .....None.
Contractor....Ernest Anderson, 226 Joaquin Av., San Leandro
COST, $1980

DWELLING
(949) E THIRTY-FIFTH AVE 100 S E-17th, Oakland. One-story 5-room dwelling.
Owner.....Ernest Anderson, 226 Joaquin Av., San Leandro
Architect .....None.
Contractor....Ernest Anderson, 226 Joaquin Av., San Leandro
COST, $1980

DWELLING
(951) W VENTURA 900 N Posen, Albany. One-story 5-room dwelling.
Owner.....C. M. MacGregor, 470 13th Oakland.
Architect .....None.
Day's work. COST, $1500

DWELLING
(952) W VENTURA 970 N Posen, Albany. One-story 5-room dwelling.
Owner.....C. M. MacGregor, 470 13th Oakland.
Architect .....None.
Day's work. COST, $1500

DWELLING
(953) W VENTURA 935 N Posen, Albany. One-story 5-room dwelling.
Owner.....C. M. MacGregor, 470 13th Oakland.
Architect .....None.
Day's work. COST, $1500

DWELLING
(954) W VENTURA 1015 N Posen, Albany. One-story 5-room dwelling.
Owner.....C. M. MacGregor, 470 13th Oakland.
Architect .....None.
Day's work. COST, $1500

FRAME DWELLING
(955) LOT 18 BLK 2 Map Cragmont, Oakland Township. All work for one and one half story frame dwelling.
Owner.....Mrs. Ninole Locan, 1528 Scenic Ave., Berkeley.
Architect.....Stafford Lelean Jory, 1420 Scenic Ave., Berkeley.
Contractor....Wm. Livingston, 2918 Ellis, Berkeley.
Filed May 11, '17. Dated May 8, '17.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3497
Bond, Sureties, Forfeit, none. Limit, 100 days. Plans and specifications filed.

FRAME BUNGALOW
(956) N MORAGA AVE 40 E Highland, Piedmont. One-story frame bungalow.
Owner.....G. Taylor, 96 Pearl, Okd.
Architect .....None.
Day's work. COST, $2500

BUNGALOW
(957) N MORAGA AVE 40 E Messa, Pidemont. One-story frame bungalow.
Owner.....G. Taylor, 96 Pearl, Okd.
Architect .....None.
Day's work. COST, $2500

ALTERATIONS
(958) NO. 427 FOURTEENTH, Oakland. Alterations.
Owner.....Shaw & Allen, Premises.
Architect .....None.
Contractor....Jas. H. Pedgrift, 565 16th, Oakland.
COST, $450

GARAGE
(959) NO. 303 PERKINS, Oakland. Garage.
Owner.....Mrs. J. M. Oliver, Prem.
Architect .....None.
Contractor....Powell Bros. Constr. Co., 2708 Harrison Ave., Okd.
COST, $400

DWELLING
(960) W TWENTY-NINTH AVE 187 N E-16th, Oakland. One-story five-room dwelling.
Owner.....G. H. Noble, 703 Haight Ave., Alameda.
Architect .....None.
Day's work. COST, $2250

APARTMENTS
(961) W HARRISON BLVD. 141 S 24th, Oakland. Two-story 36-room apartments.
Owner.....J. S. Meyers, 13th and Webster, Oakland.
Architect .....A. W. Smith, 1010 Broadway, Oakland.
Contractor....Anderson & Holt, 1927 Napa Ave., Oakland.
COST, $19,950

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
917	Welcker	Morse	400
918	Brown	Brown	1200
919	Stewart	Banning	1800
924	Richmond	Hopper	2500
938	Cutter	Sattin	650
939	Badger	Badger	1500
940	Badger	Badger	2000
946	Risher	Risher	1800
947	Howson	Graff	4080

ADDITION
(917) NO. 1303 OXFORD, Berkeley. Addition.
Owner.....M. Welcker, Premises.
Architect .....None.
Contractor....T. O. Morse, 1398 Scenic Ave., Berkeley.
COST, $400

DWELLING
(918) S JULIA 112 W California, Berkeley. One-story 5-room dwlg.
Owner.....Mrs. S. E. Brown, 1729 6th Berkeley.
Architect .....None.
Contractor....D. M. Brown, 1729 6th, Berkeley.
COST, $1200

BUILDING
(919) LOT 24, BLK 6, Map Dwight Way Terrace, Berkeley. All work for building.
Owner.....Florence Stewart.
Architect.....None.
Contractor....Banning & Stewart Construction Co., 5204 Desmond, Oakland.
Filed May 7, '17. Dated May 5, '17. As work progresses.
TOTAL COST, $1,800
Bond, Sureties, Forfeit, none. Limit, 60 days. No plans or specifications filed.

DWELLING
(924) E JOSEPHINE 150 N Berryman, Berkeley. One-story 6-room dwelling.
Owner.....Richmond & Hopper, 1769 Pleasant Valley Ave., Oakland.
Architect .....None.
Day's work. COST, $2500

GARAGE AND WORK SHOP
(938) S PARKER at 4th St., Berkeley. Garage and work shop.
Owner.....Cutter Laboratories, 6th and Grayson, Berkeley.
Architect.....None.
Contractor....H. G. Sattin, 2536 Chilton Way, Berkeley.
COST, $650

DWELLING
(939) N DOWLING PLACE 125 E Telegraph, Berkeley. One-story three-room dwelling.
Owner.....Thos. N. Badger, 2946 Ave., Berkeley.
Architect.....None.
Day's work. COST, $1500

DWELLING
(940) N DOWLING PLACE, 125 E Telegraph, Berkeley. Two-story, five-room dwelling.
Owner.....Thos. N. Badger, 2946 Ave., Berkeley.
Architect.....None.
Day's work. COST, $2000

DWELLING
(946) E GRANT 98 N Delaware, Berkeley. One-story 6-room dwelling.
Owner.....Geo. S. Risher, 1814 Hearst Ave., Berkeley.
Architect .....None.
Day's work. COST, $1800

FRAME DWELLING
(947) W MARIPOSA 200 S Los Angeles, being Lot 5, Blk I, Map Northbrae Terrace, Berkeley. All work for two-story frame dwelling.

Owner George W. and Gertrude A. Howson, 1422 San Pablo Ave., Oakland.
Architect.....None.
Contractor....Edwin Graff, 1440 Broadway, Oakland.
Filed May 10, '17. Dated April 26, '17.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $4080
Bond, $2,000. Sureties, Louise T. Graff. Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(950) SW CHANNING AND BONAR, Berkeley. One-story 4-room dwlg.
Owner.....C. H. Allison, 34 Brookside, Berkeley.
Architect .....None.
Day's work. COST, $1200

Building Contracts Awarded

Alameda

No.	Owner	Contractor	Amt.
931	Noble	Noble	1000
932	Noble	Noble	2000
933	Noble	Noble	2000
934	Calwell	Strang	2000
935	Calwell	Strang	2000
936	Sunset Beach	Macauley	1000
937	Abraham	Barber	400

DWELLING
(931) NO. 2611 ST. MARGARET Court, Alameda. One-story, five-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara, Alameda.
Architect.....None.
Day's work. COST, $1000

DWELLING
(932) NO. 1528 BROADWAY, Alameda. One-story five-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara, Alameda.
Architect.....None.
Day's work. COST, $2000

DWELLING
(933) NO. 1220 PEARL ST., Alameda. One-story, five-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara, Alameda.
Architect.....None.
Day's work. COST, $2000

DWELLING
(934) NO. 615 LINCOLN AVE., Alameda. One-story, five-room dwelling.
Owner.....C. H. Calwell, Los Gatos.
Architect.....None.
Contractor....F. N. Strang, 805 Pacific Ave., Alameda.
COST, $2000

DWELLING
(935) W EIGHTH ST., 37½ S Pacific Ave., Alameda. One-story five-room dwelling.
Owner.....C. H. Calwell, Los Gatos.
Architect.....None.
Contractor....F. N. Strang, 805 Pacific Ave., Alameda.
COST, $2000

ADDITION
(936) CENTRAL AVE bet 5th and 6th streets, Alameda. Addition.
Owner Sunset Beach. Premises.
Architect.....None.
Contractor.....F. Macauley.
COST, $1000

ALTERATIONS
(937) NO. 1528 BROADWAY, Alameda. Alterations.
Owner.....C. B. Abraham, 615 Lincoln avenue, Alameda.
Architect.....None.
Contractor.. D. E. Barber, 3621 Lyon Ave., Oakland.
COST, $400

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
Apr. 28, 1917—W 21 LOT 31 and E 40 Lot 32 Crocker Oaks Tract, Okd. Mrs J A Owens to I W and Frank Button.....April 26, 1917
May 5, 1917—LOT 6 in E ½ BLK "L" lands adjacent to Town of Encinal Alameda. Mary Dickson to whom it may concern.....May 2, 1917
May 5, 1917—NE PORTOLA AVE 160.28 SE Burbank SE 40 N 132.44 W 36 S 115, Ala. South Shore Land Co to R B Litton..May 3, 1917
May 5, 1917—LOT 3 and Ptn Lot 4 Blk 1 Amended May Arlington Oaks, ——. Berkeley Development Co to Mason-McDuffie Co.....April 30, 1917
May 5, 1917—LOT 23 BLK "B" Map Waterside Terrace, Ala. Mark T Cole to whom it may concern.....May 3, 1917
May 5, 1917—LOT 3 and adjacent 15 Lot 4 Blk 11, Havenscourt, Okd. Claudia M Lawton to Lawton & Vezey.....April 28, 1917
May 7, 1917—W MABEL ST 33 S Derby St., W 80xS 34, Berkeley. William J. Baker to whom it may concern .....May 5, 1917
May 7, 1917—S PARK BLVD 201.34 NE E-28th St., being lot 16 and ptn lot 17, Map Ardlsey Heights, Oakland. C. M. Peck to C. M. Urch .....May 7, 1917
May 7, 1917—LOT 28 BLK 3, Northbrae, Berkeley. Neil C. Whyte to Richmond & Hopper....April 28, 1917
May 8, 1917—NW BLAKE ST and Telegraph Ave, N 75 W 145 S 72-2-12 E 124, Berkeley. E. P. and Stella C. King to Phil Sheridan.....May 5, 1917
May 10, 1917—LOT 3, HIGH COURT Tract, Berkeley. Wm. W. Gilmore to H. C. Pfrang.....May 10, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
May 5, 1917—S SANTA RAY AVE 50.94 W Paloma being Ptn Lot 26 Blk "C" Map East Piedmont Heights, Okd. I M Toalson (Alameda Hardwood Floor Co) vs W A Cooper and C M Blabon.....$109
May 8, 1917—S McKINLEY AVE 75 E Spruce street, E 46xS 100, Oakland. John M. Bartlett vs Tench C. and Maude M. Coxe, trustee, and Otis M. Coxe $1,162.40
May 9, 1917—LOT 4 AND PTN LOTS 15 and 3, Blk 7, Map Resubdivision, Blks 9, 10, 11, 12, 13, 14 and ptn Blk 16, Rockridge Terrace, Oakland. H. Peterson Co. vs. Otto R. Stoeckel and W. G. Biddle $163.75
May 9, 1917—LOT 4 AND PTN LOTS 15 and 3, Blk 7, Map Resubdivision Blks 9, 10, 11, 12, 13, 14 and ptn Blk 16, Rockridge Terrace, Oakland. H. Peterson Co. vs. Otto R. Stoeckel and Clarence L. Belt..... .....$172.70
May 9, 1917—N GOLDEN GATE AVE 256 W Acacia St., W 160x N 100, Oakland. W. D. Creighton vs. Clarence L. Belt and H. Johnston $198.55

BUILDING CONTRACTS.

Santa Clara County.

FRAME RESIDENCE
SINGLETARY AVE., Hester Park Tract, near San Jose. All work for one-story frame and stucco residence.
Owner.....Violet A. Smith.
Architect .....Higbie & Hill, Porter Bldg., San Jose.
Contractor....D. H. Main, Tillman and Yosemite Sts., San Jose.
Filed May 2, '17. Dated Mar. 17, '17.
Frame up $625
Brown plastered 625
Accepted 625
Usual 35 days..... 625
TOTAL COST, $2500
Bond, $1250. Sureties, E. P. Main and A. L. Hubbard. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

FRAME FRAT HOUSE
POST VILLAGE of Stanford University, Palo Alto. All exterior and interior lathing and plastering and all cement finishing for three-story and basement frame frat house.
Owner.....The Mu Co. of S. F.
Architect .....John K. Branner, of Tantau & Branner, 519 California, S. F.
Contractor....MacGruer & Co., 258 Connecticut, San Francisco.
Filed May 4, '17. Dated May 1, '17.
On 1st of each month..... 75%
Usual 35 days..... Final
TOTAL COST, $2600
Bond, none. Limit, 90 days from filing Forfeit, $5 per day. Plans and specifications filed.

EXCAVATIONS, GRADING, CONcrete, carpentry, mill work, sheet metal, etc., on above.
Contractor....R. Dewar & Son, 180 Jessie, San Francisco.
Filed May 4, '17. Dated Apr. 28, '17.
Payments same as above.....
TOTAL COST, $12,550
Bond, $12,550. Sureties, J. D. and H. S. McGilvray. Limit, 125 days from filing. Forfeit, $5. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor....Fred Snook & Co., 596 Clay, San Francisco.
Filed May 4, '17. Dated May 1, '17.
Payments same as above.....
TOTAL COST, $2040
Bond, none. Limit, 90 days from filing. Forfeit, $5 per day. Plans and specifications filed.

BRICK WAREHOUSE
MOUNTAIN VIEW, Santa Clara Co. One and two-story brick warehouse.

Owner ..... California Supply Co., 738 Folsom, San Francisco.
Architect .....None.
Contractor ..... Finn Anderson, 1941 15th St., San Francisco.
COST, $20,000
NOTE:—Work started, walls half up.

ADDITION
N FIRST AND SAN ANTONIO, San Jose. All work for two-story and basement reinforced concrete addition to hotel.
Owner.....Montgomery Hotel.
Architect. ..... Wm. Binder, Binder Bldg., San Jose.
Contractor....Twohy Bros., James F. Horan, Montgomery Hotel, San Jose.
COST, $50,000

APARTMENTS
ST. JOHNS near 4th, San Jose. All work for two-story and basement frame apartments.
Owner.....G. Allen.
Architect. ..... Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor....Steve Pelton, San Jose.
COST, $9,000

REMODELING
SW NINTH AND SAN CARLOS, San Jose. All work of remodeling two-story frame residence.
Owner.....J. Whitman.
Architect.....Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor....P. E. Peterson, 722 S. 5th, San Jose.
Filed May 8, '17. Dated May 8, '17.
Frame up $956.25
First coat of plaster inside and outside 956.25
Accepted 956.25
Usual 35 days 956.25
TOTAL COST, $3,825
Bond, $1,912.50. Sureties, W. T. Lloyd and N. O. Berg. Forfeit, none. Limit, 80 days from filing. Plans and specifications filed.

E SAN FELIPE ROAD, southeast San Jose. All work for one-story, five-room bungalow.
Owner.....Nic Gerdts.
Architect.....None.
ContractorJ. G. Luebben, 897 Delmas, San Jose.
Filed May 5, '17. Dated May 4, '17.
Rough framed $500
First coat of plaster on..... 500
Completed 500
Usual 35 days 500
TOTAL COST, $2,000
Bond, Sureties, Forfeit, none. Limit, not given. Plans and specifications filed.

COMPLETION NOTICES.

Santa Clara County.

RECORDED ACCEPTED
Apr. 23, 1917—LOT 28 Lynnhurst Tract, San Jose. Kate E Druck to whom it may concern....Apr. 23, 1917
Apr. 26, 1917—NE FIRST AND Margaret, San Jose. Associated Oil Co to Morrison Bros..Apr. 19, '17
Apr. 28, 1917—EIGHTH near San Carlos, San Jose. C J Field et al to whom it may concern..Apr. 28, '17
Apr. 30, 1917—SE FIFTEENTH & San Salvador, San Jose. A M Whiteside to whom it may concern ..... April 30, 1917

LIENS FILED.

Santa Clara County.

RECORDED AMOUNT
May 5, 1917—LOTS 22 AND 23, Pyle Subdivision No. 1 of resubdivision Lots 28 and 29, Block 47, Reed Addition to San Jose. A. E. Holmes vs. American Can Co.....$289.91
May 5, 1917—LOTS 22 AND 23, Pyle Subdivision No. 1 of Resubdivision Lots 28 and 29, Block 47, Reed Addition to San Jose. J. W. McClay vs. American Can Co.....$170.05

COMPLETION NOTICES

San Mateo County.

RECORDED ACCEPTED
May 2, 1917—"FILOLI" Canada de Raymundo, San Mateo. W B Bourn to Frederick W Snook Co.... .....April 30, 1917
May 2, 1917—EL CERRITO PARK Lot 5 Blk "F" San Mateo. Samuel Goslinsky to Charles Hutchings.... .....April 19, 1917
May 5, 1917—LOT 5 BLK 10, San Mateo. B A Peckham to Leadley & Wiseman.....May 3, 1917
May 7, 1917—LOT 8 BLK 3 Sub 2 of Burlingame Park, Burlingame. Joseph M Geary to Thomas McCormick .....May 5, 1917

BUILDING CONTRACTS.

Marin County.

FRAME RESIDENCE
SAN ANSELMO, Marin Co. Concrete, carpenter work, etc., for one-story and attic frame residence.
Owner.....I. W. McFarland, San Anselmo, Cal.
Architect .....W. Garden Mitchell, Bankers' Invst. Bldg., San Francisco.
Contractor....E. L. Wilson, San Anselmo, Cal.
Filed May 5, '17. Dated May 4, '17.
Frame up $400
Plastered 450
Completed 450
Usual 35 days..... 450
TOTAL COST, $1750
Bond, none. Limit, 55 days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

Contra Costa County.

FRAME DWELLING
LOT 15 BLK 107 Map City of Richmond Tract. Excavating, concrete and cement work, brick, carpenter, plastering, painting, electrical work, roofing, etc., for one-story and basement frame dwelling.
Owner.....Mary Deposito, 1616 Macdonald Ave., Richmond.
Architect .....None.
Contractor....Mathew Morton, Builders' Exchange Bldg., Bkly.
Filed May 2, '17. Dated Apr. 26, '17.
Foundation up and frame on.....$400
1st coat plaster on..... 400
Completed 400
Usual 35 days..... 400
TOTAL COST, $1600
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
S-TWENTIETH ST., bet. Florida and Maine, Richmond. One-story frame dwelling.
Owner.....R. W. Byrne, 919 Macdonald Ave., Richmond.
Architect .....None.
Contractor....E. A. F. Carson, 05 Nevin Ave., Richmond.
COST, $1900

FRAME DWELLING
S- TWENTIETH bet. Ohio and Florida Sts., Richmond. One-story frame dwelling.
Owner.....G. F. Lumsden, 919 Macdonald Ave., Richmond.
Architect .....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $1700

FRAME DWELLING
PENNSYLVANIA AVE. Cor. Eighth St., Richmond. One-story frame dwelling.
Owner.....E. H. Keuffer, 715 Macdonald Ave., Richmond.
Architect .....None.
Contractor....N. E. Anderson, 441 13th St., Richmond.
COST, $1800

FRAME DWELLING
TWENTY-SECOND ST., bet. Maine & Virginia Sts., Richmond. One-story frame dwelling.
Owner.....H. C. McAtee, Righi Apts., First St., bet. Macdonald and Bissell, Richmond.
Architect .....None.
Contractor....N. E. Anderson, 441 13th St., Richmond.
COST, $1600

BUILDING CONTRACTS.

Sonoma County.

CLOVERDALE, Sonoma Co. General construction of one-story and basement reinforced concrete school.
Owner.....Town of Cloverdale.
Architect .....Ernest Norberg, Bank Bldg., Burlingame.
Contractor....E. E. Etherton & Co., Monadnock Bldg., S. F.
COST, $23,700

HEATING AND VENTILATING ON above.
Contractor....J. C. Hurley, 509 6th St., San Francisco.
COST, $2892

COTTAGE, ETC.
IN THE WAUGH DISTRICT, Petaluma, Cal. Cottage, barn and tank house.
Owner.....L. B. Hardin.
Architect .....None.
Contractor....J. McGovern, Petaluma.
COST, $3000

LIENS FILED.

Contra Costa County.

RECORDED AMOUNT
Apr. 26, 1917—LOT 6 BLK "G" Central Addition to Pittsburg. Sunset Lumber Co vs J I Mitrovich Bldg Co, Inc $682.27

May 3, 1917—LOT 15 BLK 213 Walls Second Addition to Richmond. Pacific Mfg Co vs J G Taylor $75
May 3, 1917—LOT 11 BLK 219 Walls Second Add'n to Richmond. Pacific Mfg Co vs J G Taylor $78
May 3, 1917—LOT 12 BLK 209 Walls Second Addition to Richmond. Pacific Mfg Co vs J G Taylor $62
May 3, 1917—LOT 13 BLK 209 Walls Second Addition to Richmond. Pacific Mfg Co vs J G Taylor.....$75

RELEASE OF LIENS.

Contra Costa County.

RECORDED AMOUNT
Apr. 27, 1917—LOTS 5 AND 6 BLK 94 "Official" Map, City of Antioch Raisch Improvement Co to Louise Cheetham $325

BUILDING CONTRACTS.

Fresno County.

REPAIRS
LOTS 21 TO 26 BLK 186, Fresno. Repair fire loss to sanitarium.
Owner.....Burnett Sanitarium, Fresno Co., Fresno.
Architect .....None.
Contractor....R. F. Felchlin, Rowell Bldg., Fresno.
COST, $15,000

DWELLING
LOTS 1 AND 2 BLK 2 Leona Heights, Fresno. All work for dwelling.
Owner.....Howard Bingham.
Architect .....None.
Contractor....Stewart Bros., Fresno.
Filed May 4, '17. Dated Apr. 28, '17.
Roofed ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $1730
Bond, $900. Surety, J. H. Roughton. Limit, June 28. Forfeit, none. Plans and specificfiations filed.

BRICK BLOCK
LOTS 17 TO 26 BLK 39, Fresno. All work for five-story brick block.
Owner.....H. S. M. Invst. Co.
Architect .....None.
Contractor....Jesse R. Church, 1221 U St., Fresno.
Filed May 5, '17. Dated ——.
2nd floor joists in..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days.....Balance
TOTAL COST, $22,000
Bond, $11,000. Sureties, J. W. Couey, J. O. Keeger and C. A. Clark. Limit, 90 working days. Forfeit, none. Plans and specifications filed.
NOTE:—First report May 5, 1917.

ALTERATIONS
LOT 27 BLK 72, Fresno. Alterations.
Owner.....— Kutner.
Architect .....None.
Contractor....E. Riggins, 1908 Fresno St., Fresno.
COST, $2000

STORE BUILDING
LOTS 9 TO 13 BLK 35, Fresno. All work for store building.
Owner L. Gundelfinger, 2201 Calavaras St., Fresno.
Arrhitect .....None.
Contractor....J. L. Daly, Griffith-McKenzie Bldg., Fresno.
COST, $31,500

BRICK PACKING PLANT
REEDLEY, CAL. Brick packing plant
Owner.....California Fruit Growers' Association.
Architect .....Glass & Butner, Republican Bldg., Fresno.
Contractor....Hanson Constr. Co., 2225 Fresno St., Fresno.
COST, $19,770

BRICK APARTMENTS
FRESNO. Three-story and basement brick apartments.
Owner.....I. Kanspel, 1321 Mariposa St., Fresno.
Architect .....Thornton Fitzhugh, 916 Story Bldg., Los Angeles.
COST, $15,000

ENGINE HOUSE
VAN NESS AND MONO STS., Fresno. Two-story Class "A" fire house Engine House No. 2.
Owner.....City of Fresno.
Architect .....Coates & Traver, Rowell Bldg., Fresno.
Contractor....D. A. Cowan, 415 Glenn St., Fresno.
COST, $14,200

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
May 7, 1917—LOTS 1, 2, 3 BLK 56, Orange Cove. Carl F Noel to whom it may concern.....Mar. 24, 1917

LIENS FILED

Fresno County.

RECORDED AMOUNT
May 3, 1917—PTN OF SE ¼ SEC 12, 14-17, Fresno. C S Pierce Lumber Co vs J A Johnson.....$211

BUILDING CONTRACTS.

Sacramento County.

BRICK WAREHOUSE
NO. 101 K ST., Sacramento. One-story brick warehouse.
Owner.....Katherine and C. W. Haub 1012 H St., Sacramento.
Architect .....None.
Contractor....Gene Pendergast, 1311 22nd St., Sacramento.
COST, $5000

REPAIRS
NO. 2209 J ST., Sacramento. Repair basement.
Owner.....V. S. McClotchy, Prem.
Architect .....None.
Contractor....Wm. Murcell, Ochsner Bldg., Sacramento.
COST, $500

REPAIRS
NO. 1131 EIGHTH ST., Sacramento. Repairs.
Owner.....Henry Feldhusen.
Architect .....None.
Contractor....G. E. Hook, 718 18th St., Sacramento.
COST, $500

DWELLING
NO. 1435 THIRTY-SIXTH ST., Sacramento. Dwelling.
Owner.....J. J. McDermott, 615 H St. Sacramento.
Architect .....None.
Contractor....Rowell & Birdsall, 1309 6th St., Sacramento.
COST, $2500

FRAME DWELLING
NO. 1531 FORTIETH ST., Sacramento. Two-story frame dwelling.
Owner.....James S. Dean, 616 29th St., Sacramento.
Architect .....None.
Contractor....Teichert & Ambrose, Ochsner Bld., Sacramento
COST, $3600

FRAME DWELLING
NO. 1240 FORTIETH ST., Sacramento. Two-story 7-room and bath frame dwelling.
Owner.....Florence Adele Jones, 1419 16th St., Sacramento.
Architect .....None.
Contractor....Jas. A. McCullough, 1631 M St., Sacramento.
COST, $5400

REPAIRS
NO. 1121 EIGHTH ST., Sacramento. Repair fire damage.
Owner.....Fancher & Washburn, 1117 8th St., Sacramento.
Architect .....None.
Contractor....W. Murcell, Ochsner Bldg Sacramento.
COST, $8000

STORE HOUSE
NO. 205 EIGHTEENTH ST., Sacramento. One-story Denisen Tile store house 127-6x65x42.
Owner.....California Almond Growers' Exchange, 311 California, San Francisco.
Architect .....None.
Contractor....C. J. Dahl, 1809 C St., Sacramento.
COST, $8500

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PUBLIC GARAGE
NO. 1708 K ST. (rear), Sacramento. Brick public garage 80x80x20.
Owner.....W. H. McMorry, 1621 17th St., Sacramento.
Architect.....None.
Contractor. W. R. Saunders, 2810 I St., Sacramento.
COST, $4500

BRICK STORE ROOM
NO. 506 K ST., Sacramento. Two-story brick store room.
Owner.....Theodore Blauth; Lesee I. K. Lewis, Stohl Bldg., Sacramento.
Architect.....None.
Contractor....W. Harper, 431 Holly Park Circle, S. F.
COST, $800

ALTERATIONS
NO. 2401 FORTY-FIRST ST., Sacramento. Remodel dwelling.
Owner.....W. O. Kelley, 2409 Miller St., Sacramento.
Architect.....None.
Contractor....C. J. Hopkinson, 1318 25th St., Sacramento.
COST, $900

FRAME FLATS
NO. 1810 I ST., Sacramento. Two-story frame (2) flats (7 & 5-rooms)
Owner.....O. Schnetz, 514½ 8th St., Sacramento.
Architect.....F. A. S. Foale, Ochsner Bldg., Sacramento.
Contractor....W. J. Montgomery, 2211 H St., Sacramento.
COST, $3530

COMPLETION NOTICES.

Sacramento County.

RECORDED ACCEPTED
May 7, 1917—LOTS 5, 6, 7, Brannan's Addition, Sacramento. Pacific Gas & Electric Co to Teichert & Ambrose.....May 2, 1917

LIENS FILED.

Sacramento County.

RECORDED AMOUNT
May 4, 1917—LOT 4 27TH, 28TH, L, M Sts., Sacramento. Dochert & Cotal vs C J Guth, Cummins Contracting Co, Jane Doe Cummins doing business under name of Cummins Contracting Co and Scottish Rite Cathedral Association $669

RELEASE OF LIENS.

Sacramento County.

RECORDED AMOUNT
May 8, 1917—LOT 4, L, M, 27th and 28th Sts., Sacramento. A T Cummins to Scottish Rite Hall Association and Cummins Contracting Company $299.50

BUILDING CONTRACTS.

San Joaquin County.

ALTERATIONS
CHANNEL AND AMERICAN STS., Stockton. Alter one-story concrete and stucco garage.
Owner.....Sunset Carriage Works, Lessee, 227 North American St., Stockton.
Architect.....W. B. Thomas, Yosemite Bldg., Stockton.
Day's work. COST, $3500

FACTORY
OAK AND AURORA STS., Stockton. Two-story brick ice cream factory.
Owner.....Gloria Ice Cream Co., Stockton.
Architect.....Joe Losekann, San Joaquin Bldg., Stockton.
Day's work. COST, $10,000

CONCRETE WAREHOUSE
W 125 LOT 13 and N ½ BLK 108 E of Center St., Stockton. All work for four-story reinforced concrete fireproof warehouse.
Owner.....H. S. Dawson, 825 N-San Joaquin St., Stockton.
Architect.....Glenn Allen, 216 Eddy St. San Francisco.
Contractor....H. L. Petersen, 62 Post St., San Francisco.
Filed May 3, '17. Dated Apr. 28, '17.
Monthly payments of..... 75%
Usual 35 days.....Balance
TOTAL COST, $29,005
Bond, $15,000. Surety, New Amsterdam Casualty Co. Limit, 75 working days. Forfeit, $30. Plans and specifications filed.

BRICK SUGAR PLANT
MANTECA. All work for three-story brick sugar plant.
Owner.....Spreckels Sugar Co., Manteca and Spreckels, Cal.
Engineers.....Dyer Co., Cleveland, Ohio
Contractor....Dyer Co., Cleveland, Ohio
Filtd May 4, '17. Dated Dec. 5, '16.
On 15th of each month..... 90%
When accepted 5%
TOTAL COST, $947,000
Bond, none. Limit, Oct. 1, 1917. Forfeit, none. Plans and specifications filed.
NOTE:—Contractor's percentage approximately 10%.

ALTURAS, Modoc Co., Cal.—The Nevada - California - Oregon Railroad Company, it is announced here, has signed a contract and a bond closing a deal with the citizens of Alturas for the establishment of general headquarters and machine shops of the company in this city.

In return the city has delivered to the company deeds to tracts of land desired by the latter, together with a $10,000 cash bonds promised by Alturas citizens.

The railroad company, it is understood, intends to begin construction work at once.

WASHINGTON, Yolo Co., Cal.—The school trustees have planned to open the bids for the new $30,000 school at a public meeting to be held at the town hall on Wednesday evening, May 9, at 8 p. m. Bids for the school furniture will be opened at another public meeting at the town hall at 2:30 p. m. on Friday, May 11.

Figures on wrecking the old school building were opened last Saturday by the school board. The best offer was a little more than $200 for the materials. The bid was held up pending a decision on the moving of the primary room to the town hall to be used as a storeroom.

CITY BIDS OPENED.

The following bids were received by the San Francisco Board of Public Works for furnishing and installing kitchen equipment in the northwest wing of the San Francisco Hospital:

	Prop. 1	Prop. 2
John G. Ills Co	$5,992.00	$5,542.00
Nathan, Dohrman Co.	5,870.15	5,398.15
Mangrum & Otter	7,463.00	6,917.00

BIDS RECEIVED FOR SCHOOL PLUMBING

J. E. O'Mara Low Bidder for New System to be Installed in the Highland and Lafayette Schools.

	Highland School	Lafayette School
J. E. O'Mara	$6,450	$ 8,300
Carl T. Doell	7,176	9,976
Jas. Rankin & Sons	7,236	9,599
R. W. Littlefield	7,428	10,777

STOCKING MOUNTAIN RANGES TO THE LIMIT.

As part of the systematic campaign of the United States Department of Agriculture to increase the country's food supply the National Forest stock ranges are being gone over with a fine tooth comb to discover every acre available for summer grazing and the sheep and cattle to stock them.

For the last two years the Forest Service has devoted much time and money to promoting and developing the recreation use of the Forests. It was planned to continue this work aggressively this season, to improve camp grounds and to issue more maps. This will be postponed, however, until the successful termination of the war with Germany.

In many cases range areas hitherto reserved for campers' horses will be used to produce beef, mutton, and wool. The time of the Forest Rangers will be spent in aiding the stockmen to so develop the ranges that more stock can be carried. By means of co-operative work with the Live Stock Associations and the University of California, the Department hopes to have many thousand more cattle on the Forest ranges this season than last.

In the opinion of the Forest officers meat and men are more needed this season than vacations, and while travel for pleasure in the mountains will in no way be discouraged, the Forest officers agree that the camper will meet more cows than deer in the National Forests.

ALTURAS, Modoc Co., Cal.—Considerable interest is being taken here in the proposal to bond Modoc County for $300,000 to finance the building of a system of permanent county highways.

J. W. Cummings, a member of the Board of Supervisors, is taking an active part in furthering the proposed bond issue. A number of other well known citizens are also interested in the move.

Court Decision Rendered In Favor Of Architect.

A decision, rendered several months ago in the lower court, in the case of C. O. Clausen vs Mary Stein and T. Fett for the collection of architectural fees has been reversed by Judge Hunt's Court and Architect C. O. Clausen awarded judgment amounting to $275, the balance due him for furnishing plans and specifications on a three-story frame apartment house.

HYDROELECTRIC POSSIBILITIES IN INDIA.

MADRAS, INDIA.—Electrical authorities in India have often asserted that there are great difficulties in the way of developing large hydroelectric schemes here because of limited water-power facilities, but the Madras Times states that these claims are refuted by the testimony of a prominent engineer who declares that vast quantities of water could be stored in the Nilgiri Hills in Madras Presidency, where there is abundant rainfall for six months of the year, and that these storage lakes could be utilized for hydroelectric purposes. The following is an extract from the newspaper article referred to:

"Mr. B. B. Joyner, C. I. E., an engineer of wide experience in India, who designed and constructed the Tata Hydroelectric Works, was to have given evidence to the Industrial Commission at Bombay, but as the commissioners instead of going to Bombay, have 'gone into recess,' Mr. Joyner has obtained permission to give to the public the written evidence that he was going to present to the commissioners. It is very important, indeed. It is a declaration of the mighty water power that is available in India for the production of electric current, and a call to the Government to lead the way by starting a small establishment to encourage and develop the business, and also to undertake larger pioneer works.

"With its various mountains and ghats and its heavy rainfall, India is very favorably conditioned; and it must be remembered that water that is utilized for the production of electric power is not used up in the process, and could be further utilized for irrigation. Mr. Joyner writes:

Combined Power and Irrigation Projects.

"'As a practical instance of Indian possibilities I may mention the Nilgiri Hills, which present all the advantages and possibilities of a successful combined power and irrigation self-contained project. Here we have a hilly plateau 6,000 feet above the plains, with capacious water-tight valleys and a reliable rainfall extending over a period of about six months of the year, where storage lakes can be cheaply constructed, from which at least a 4,000-foot fall can be made available, thus requiring a comparatively small quantity of water to be stored, and so at a very small cost. One valley I estimate could give up to 70,000 horsepower, and there are other valleys from which combined an equal amount of power could be obtained. The power from these hills must be as cheap as, or probably much cheaper than, any other site in India known to me. There is a main line of railway at the foot of these hills with a branch to the top. The main line connects with harbors on the coast, about 120 miles off, and with Madras and the rest of India. There are extensive fertile plains at the foot, on which the rainfall is somewhat capricious and which would much benefit by irrigation. There is an important town not far off. Such a proposal, if carried out, must prove a source of prosperity to the promoters and greatly increase the welfare of the country. And there are most likely other such favorable sites in the south of India, where labor is cheap and coal impossible for power.'

"On the Western Ghats, on the Himalayas, and in all the other mountainous parts of India the water is merely waiting to be harnessed, and the Indian possibilities for every kind of industry are immense. It is an experienced engineer who writes all this; the prospects he holds out are golden indeed, and there is no reason for supposing that the gold is mere glitter."

Electricity for State of Cochin.

An earlier issue of the Madras Times contained the following item relative to the generation of electrical current from the waterfalls of the State of Cochin, in Madras Presidency:

"Some four or five years ago, when Mr. Bannerji, I. C. S., was Dewan of Cochin, it was thought possible that advantage could be taken of some waterfalls in the Cochin State for electrical purposes, and investigations were begun. The waterfalls are not absolutely perennial but they are in action for a number of months in the year, and it was thought that with a suitable storage the current could be maintained. The State's mechanical engineer, Mr. Wynyard Wright, who was working up the scheme, secured a commission shortly after the outbreak of the war, and the scheme was for a time hung up. We now learn that the Darbar have again got the scheme well in hand. The falls occur in the Chalakudi River some 20 miles from the Chalakudi railway station. The scheme is estimated to cost $650,000 to $800,000, and it is calculated that the power obtained would be sufficient for running the Shoranur-Ernakulam State Railway, for lighting the town of Trichur, and also for supplying power for the working of one or two mills. Mr. Bhore, I. C. S., the Dawan, has discussed the subject with Mr. Innes, the Director of Industries, and through the Madras Industrial Department he is now negotiating with Sir Dorab Tata for the loan of the services of an electric adviser who will advise the Darbar on the feasibility or otherwise of the scheme.

WAR SALARY ADJUSTMENTS AWAIT CONGRESS.

National Chamber Committee Advises Employers to Hold off Permanent Compensation Basis until Pending Legislation Has Been Voted Upon.

WASHINGTON, D. C.—It was the unanimous opinion of the National Chamber Committee which met here that employers should await the result of legislation now pending in Congress before making arrangements for the dependents of employees who enlist. Secretary Baker, as chairman of the Council of National Defense, had asked the Chamber of Commerce of the United States to ascertain the sentiment of the business men of the country in the matter of voluntary civilian assistance in the care of dependent families of men enlisting in the military and naval forces.

New Law Would Reduce Number of Dependents.

Secretary Goodwin said if the plan proposed in pending legislation for eliminating from all branches of the service married men and others who have persons dependent upon them, is carried out in law, the problem would be reduced to a minimum. The committee therefore decided that it should adjourn subject to the call of the chairman until legislation is enacted. In the meantime the suggestion is offered to all employers that no commitments to employees be made except of a temporary nature.

The meeting was of a preliminary nature to ascertain the views of members, to consider the magnitude of the problem, and to familiarize the committeemen with the experience of belligerent countries, upon which subject a careful memorandum or summary had been prepared.

The chairman of the committee is F. A. Seiberling, of Akron, Ohio. Mr. Sieberling is president of the Goodyear Tire and Rubber Company. The

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members are: Charles L. Allen, of Worcester, Mass., general manager of the Norton Grinding Company; A. C. Bedford, president of the Standard Oil Company of New Jersey; George B. Foster, of Chicago, of the Commonwealth Edison Company; P. H. Gadsden, of Charleston, S. C., president of the Consolidated Railway and Lighting Company; Paul J. Kruesi, of Chattanooga, Tenn, treasurer and manager of the American Lava Company; Robert S. Lovett, of New York City, chairman of the executive committee, Union Pacific Railway Company; John L. Powell, of Wichita, Kan., president of the Johnston and Larimer Dry Goods Company; Eliot Wadsworth, of Washington, D. C., vice chairman, American Red Cross; and H. H. Westinghouse, of New York City, president of the Westinghouse Air Brake Company.

Following action by Congress, it is expected some uniform system for providing for dependents can be devised which will adequately take care of the situation. Such steps will be taken without delay.

TO URGE ALL HIGH SCHOOL BOYS TO HELP SOLVE THE FOOD PROBLEM.

To organize an agricultural army of all the boys between Oregon and Mexico, under the banner of National Defense, is the plan now taken up by the University of California.

There are twenty thousand boys in California who can plant a crop of immediate value during the present year as food supply for the nation and its friends abroad.

Already the University has enrolled two thousand bays in its crop-growing clubs, but within the next two weeks representatives from the University will visit every high school in California to enroll more boys in the National Agricultural Clubs for the growing of food for animals and men.

The plan is that every boy in California shall be encouraged to find a piece of land which would otherwise lie idle. The University will furnish instruction to any group of boys, organized for this purpose of growing crops, as to how to raise beans, potatoes, and sorghums. One boy on a single acre can grow enough beans to furnish all the beans needed for eighty average American families.

All planting for the present season should be done within the next few weeks.

Every boy who grows and markets his crop and turns in a certified statement to the University at the end of the season will receive a certificate showing his patriotic contribution to the welfare of the nation.

Moreover he can make money besides.

PRODUCTION OF ROCK PHOSPHATE INCREASING.

U. S. Geological Survey Gives Figures.

The production of rock phosphate in the United States, which was curtailed in 1914 and nearly cut in half in 1915, made a partial recovery in 1916. According to figures just compiled by the United States Geological Survey, Department of the Interior, from reports received from all active producers in the country, the total quantity of phosphate rock sold in the United States in 1916 was 1,982,385 long tons, valued at $5,896,993, as compared with 1,835,667 long tons, valued at $5,413,449, in 1915. This is only about two-thirds the normal production of the country.

The quantity of domestic rock phosphate exported in 1916 was 242,989 long tons, valued at $1,150,026, only 9,000 tons less than in 1915, but only about one-fifth of the quantity exported in 1913.

Florida produced 47,087 tons of hardrock phosphate (including several thousand tons of soft phosphate), valued at $295,755, and 1,468,758 tons of land-pebble phosphate, valued at $3,874,410, making a total of 1,515,845 tons, valued at $4,170,165. This was a decrease of 3,000 tons of hard-rock phosphate from the production of 1915, but the increase in price per ton made a gain of $30,000 over the total value of hard rock in 1915. There was a distinct increase in the quantity and value of land-pebble phosphate over the previous year.

South Carolina produced 53,047 tons, valued at $211,125, as compared with 83,460 tons, valued at $310,850, in 1915. This is less than one-half the quantity and value of the production of 1913.

Tennessee produced 364,108 tons of brown-rock phosphate, valued at $1,357,888, and 47,682 tons of blue-rock phosphate, valued at $152,465, making a total of 411,790 tons, valued at $1,510,353. These figures include a small quantity of brown-rock phosphate from Kentucky. This is an increase of about 22,000 tons over the production of 1915.

In the Western States there was a production of rock phosphate from Utah and Wyoming only, Idaho having dropped out of the list of producing States. The quantity produced in these two States in 1916 was 1,703 tons, valued at $5 350, or less than one-half the quantity and value of the output in 1915.

The advance in the price of phosphate in fertilizers so far in excess of the advance in the price of the raw phosphate rock is explained by fertilizer manufacturers as due to increased cost of sulphuric acid used in the treatment of the raw ground rock.

The country has just entered on a war the end of which can not be seen. Farmers will "do their bit" by trying to "grow two ears of corn where one grew before," and this means the application of great quantities of carefully chosen fertilizer to the soil. It is predicted that the partial recovery of the rock phosphate industry in 1916 will be followed by a greater gain in 1917.

HOW Can you expect to make money in the contracting business, unless you help to readjust existing conditions?

HOW Can you expect to have bids opened in public, unless you do something to bring it about?

HOW Can you expect to stop the peddling of bids, by simply talking about it?

HOW Can you expect your competitors to treat you right, if you don't treat them right?

RECEIVE FIGURES FOR MARE ISLAND WORK.

Frank Gallagher of S. F. Presented Lowest Bid for Laboratory Building At Mare Island Hospital.

(By Special Wire)

WASHINGTON, D. C., May 14, 1917—Ten sets of figures were opened today in the office of the Bureau of Yards and Docks for the construction of a one-story frame and concrete laboratory building at the Mare Island Hospital. Frank Gallagher, 180 Jessie street, San Francisco, presented the lowest bid for this work, but no contract has been awarded.

Laboratory Building.

Bidder	Amount	Days
L. G. Bergren & Son, S. F.	$27,223	140
William Knowles, S. F.	31,574	100
S. J. Weeks, Vallejo	27,500	180
Lange & Bergstrom, S. F.	25,248	120
O. Monson, S. F.	27,566	175
Anderson & Ringrose, S. F.	29,926	200
A. H. Boght	27,730	75
Frank Gallagher, S. F.	25,100	140
Grace & Bernieri, S. F.	29,163	120
Harvey A. Klyce, S. F.	26,685	40

BIDS RECEIVED FOR OAKLAND SCHOOLS.

Oil Burning Systems and Plumbing in Two Oakland Schools Attract a Number of Bidders.

The following bids were opened by the Oakland Board of Education at their meting Monday afternoon for furnishing and installing oil burning systems and new plumbing in the Oakland High School and in the Fremont School. All bids were referred to the District Attorney's office.

High School, Plumbing.

Carl T. Doell—(1) $3,613.50; (2) $8,712; (3) $9,985.

J. E. O'Mara—(1) $9,300; (2) $4,073; (3) $10,150.

Robert Dalziel, Jr., Co.—(1) $9,086; (2) $3,690; (3) $10,574.

James Rankin & Son—(1) $8,876; (2) $3,950; (3) $10,342.

High School, Oil Burning Plant.

Fess & Lyden	$2,770
Amer. Standard Oil Burning Co.	2,480

Fremont School, Oil Burning System.

Amer. Standard Oil Burning Co.	$2,915
Fess & Lyden	2,580

Fremont School, Plumbing.

James Rankin & Son	$17,250
Carl T. Doell	17,261
J. E. O'Mara	16,835
Robert Dalziel, Jr., Co.	16,698

SPARKS, Nev.—The contract for the construction of the Sparks new high school has been awarded to the Caldwell Company of San Francisco. This company's bid was the lowest for the new concrete building. Bonds amounting to $75,000 have been appropriated and construction will begin immediately. Completion is promised by August 15th.

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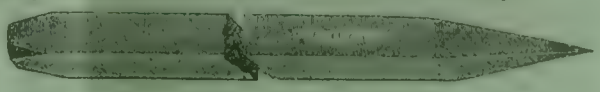
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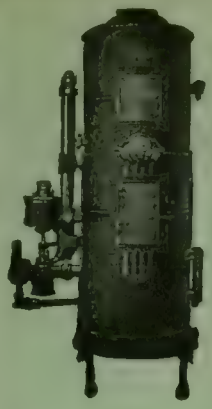
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*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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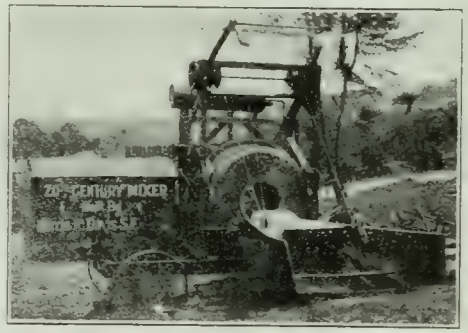
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MONEY PROVIDED FOR PHILIPPINE PUBLIC WORKS.

MANILA, P. I. The Secretary of Commerce and Communications, under the authority vested in him by Act 2704 of the Philippine Legislature which is the bill making appropriations for public works, has allotted $529,750 of the total appropriated in that measure to projects to be undertaken immediately. The funds are to be spent largely in road and bridge construction. The projects named in the allotment are:

Construction of a road in the Province of Pangasinan	$ 2,500
Maintenance of the Bauang-Ripsuan road, Province of La Union	5,000
Maintenance and reconstruction of the Aroroy mining road	3,500
Construction of first class road, bridges, and culverts, Novaleta-Cavite, in the Province of Cavite	25 750
Construction of first class road, bridges, and culverts, Pilli-Tigano, Province of Ambos Camarines	37,500
Construction of first class road, bridges, and culverts, Camp One-Aringay, Province of La Union	37,500
Construction of first class road, bridges, and culverts, Sambat-Nagcarlang, Province of La Laguna	37,500
Construction of first class road, bridges, and culverts, Bolbok railroad feeder, Provinces of Batangas and Tayabas	30,000
Construction of first class road, bridges, and culverts, Province of Occidental Negros	25,000
Construction of the Santa Maria Bridge, Province of Bulacan	17,500
Construction of first class road, bridges, and culverts, Concepcion-Mexico, Province of Tarlac	12,500
Construction of that part of the Concepcion-Mexico first class road, bridges, and culverts lying in the Province of Pampanga	12,500
Construction of a first class road, bridges, and culverts, Province of Zambales	7,500
Operation of a steamship launch for the Province of Palawan	4,000
Construction of a first class road, bridges, and culverts from Guimba, Province of Nueva Ecija, to Rosales, Province of Pangasinan	7,500
Construction of an interprovincial road, bridges, and culverts between Bangui, Province of Ilocos Norte, and Claveria, Province of Cagayan	12,500
Construction of an interprovincial road, bridges, and culverts between San Joaquin, Province of Iloilo, and San Jose, Province of Antique	25,000
Construction of an interprovincial road, bridges, and culverts between Arayat, Province of Pampanga, and Cabiao, Province of Nueva Ecija	15,000
Construction of an interprovincial road, bridges, and culverts, San Jose, Province of Neuva Ecija, and Imugen, Province of Nueva Vizcaya	50,000
Improvement of the port of Tacloban, Province of Leyte	37,500
Construction of a fender-pile system at the quarantine station, Mariveles, Province of Bataan	9,000
Completion of the Coron Wharf, Province of Palawan	2,500
Control of the Ango River, Hermosa, Province of Pangasinan	11,000
Construction of retaining walls for the Binondo Canal, city of Manila	37,500
Continuation of the port improvements of Iloilo	25,000
Improvements of the port of Cebu	37,500
Completion of retaining walls in the harbor of Vigan, Province of Ilocos Sur	1,500
Total	$529,750

The remainder of the appropriation will be made available later in the year. Work on the projects mentioned will be begun immediately. This construction will be carried on administratively under the direction of the Bureau of Public Works, with head offices in Manila.

LARGE PUMPING PLANTS PLANNED.

Natomas Company Will Spend $120,000 on Irrigation System.

Among the recent applications to appropriate water granted by the State Water Commission the most important is that allowing the Natomas Company of San Francisco to appropriate 50 cubic fet per second of the waters of the Sacramento River at a point in Sacramento county for the irrigation of 6,600 acres, by means of a pumping plant, a main ditch five and a half miles long and 17 miles of laterals. The cost of the irrigation system is placed at $120,000.

The water commission also granted the following permits for appropriations of water in northern California:

The Farm Lands Investment Company of San Francisco, 100 cubic feet per second of the waters of the Yuba and Feather rivers for rice irrigation by means of a series of three pumping plants and seven miles of ditches conducting the water to 7152 acres at a cost of $31,000. The same company, 150 second feet of Feather River and Plumas and Messick lakes, in Yuba county, by means of three pumping plants and six miles of main canals for the irrigation of 6163 acres at a like expenditure.

J. R. Catlett of Pleasant Grove, 7½ cubic feet per second of the east bypass of reclamation district No. 1001 at the crossing at Auburn ravine in Sutter county. The works consist of a removable dam and a canal 1½ miles in length for irrigation of 960 acres.

Eugene Rutherford of Gridley, 10 cubic feet per second of an unnamed slough tributary to Hamilton slough in Butte county for the irrigation of rice. A main ditch 2.4 miles long carries the water to 560 acres; the estimated cost of the works being $2000.

Margaret J. Pullen of Sacramento 1¼ cubic feet per second of Secret ravine in Placer county for the irrigation of 65 acres by means of a pumping plant.

T. M. O'Keefe of Palo Cedro, 14.42 cubic feet per second of Main Cow creek tributary to Sacramento river in Shasta county, for the irrigation of 1442 acres. There is a rock and timber dam four feet high and 200 feet long and a main canal and branch canal eight miles in length. The estimated cost is given as $10,000.

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 7 story and base, reinforced concrete, $150,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owners, Lafayette Realty Co. Location, southwest Sacramento and Gough streets, covering an area of 100 by 120 feet. Will contain fourteen apartments of six rooms. Plans revised and segregated figures being taken.

SAN FRANCISCO — Apartment house, 2 story and base, frame, $20,000. Architect, none. Owner, Lloyd B. Ham, 75 Sutter street, S. F. Location, northeast Euclid and Arguello Boulevard, covering an area of 56 by 110 feet. Will contain ten apartments. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $30,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner, William G. Gilmour, 110 Sutter street. Location, southwest Washington and Leavenworth, covering an area of 60 by 61 feet. Will contain 17 apartments of three and four rooms. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Apartment house, 6 story and base, reinforced concrete, $150,000. Architects, Rousseau & Rousseau, 110 Sutter street, S. F. Owner, Mr. Brandt. Location, northwest Sutter and Octavia streets. Will contain a large number of two, three and four room apartments. Plans complete and segregated figures being taken.

SAN FRANCISCO — Apartment house, 4 story and base, Class C construction. Cost not stated. Architect, John Powers, 460 Montgomery street, S. F. Owner's name not given. Location Hyde street. Will contain a number of two, three and four room apartments. Plans are being prepared.

OAKLAND, CAL.—Apartment house and stores, 2 story and base, frame, $8,000. Architect, none. Owner, H. S. Pratt, 1015 Glendora avenue, Oakland. Location, southeast corner 40th and Shafter. Will contain one store and eleven apartments. Plans complete and work to be done by Day Labor..

PASADENA, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, frame, $25,000. Architect, Alfred W. Hookway. Location, South Los Robles avenue, covering an area of 43 by 70 feet. Plans complete and work to be done by Day Labor.

NORTH YAKIMA, WASH.—Apartment house 3 story and base, brick, $70,000. Architects, Charles Bebb and Carl Gould, Securities Bldg., Seattle. Owners, Callahan Bros. Details of construction have not been given out. Plans are to be prepared and turned over to the owners who will let all contracts.

BANKS.

FRESNO, FRESNO CO., CAL.—Bank alterations. Cost not stated. Architect's name not given. The Union National Bank has purchased from C. R. Puckhaber, vice president of the bank, the building on Mariposa street between I and J streets. The building, which is two stories, 50 by 96 feet, will be remodeled and the banking quarters enlarged. Plans have been prepared.

PLACER CO., CAL.—Bank, 1 story and base, reinforced concrete, $10,000. Architect, Frank S. Holland, Call-Post Bldg., S. F. Owner's name not given. Will contain banking rooms, offices and safe deposit vaults. Exterior cement plaster. Plans are being prepared.

BONDS.

LUGO, LOS ANGELES CO., CAL.—A special election will be held in the Lugo School District, near Lynwood, on May 27, 1917, for the purpose of voting bonds in the sum of $30,000 for erection of a new grammar school building. It will contain about six rooms and an auditorium.

GUERNEVILLE, SONOMA CO., CAL—For the second time the election held to vote $12,500 for a new school failed to carry.

FRESNO, FRESNO CO., CAL.—The $35,000 bond issue of the Manning School District has been sold to the Bank of Italy at a premium of $110.35.

RIVERSIDE, RIVERSIDE CO., CAL.—The $43,000 bond issue of the Palo Verde Union High School District, was purchased by the Security Savings Bank of Riverside at par, accrued interest, and a premium of $125.

LEMON COVE SCHOOL DISTRICT FRESNO CO., CAL.—Bonds of $13,500 have been voted and proceeds will finance the construction of a new grammar school.

ROBLA SCHOOL DISTRICT, SACRAMENTO CO., CAL.—An election will be held June 2nd in the Robla School District to vote bonds of $6,000 with which to raise funds for a new school building.

LORENA SCHOOL DISTRICT, FRESNO CO., CAL.—An election will be held in the Lorena School District May 26th to vote bonds of $12,000 with which to finance the construction of a new school building.

RICHMOND, CONTRA COSTA CO., CAL.—The playground and bath house bond issues have been turned down by the voters. The issue provided $250,000—$70 000 of which was for a bath house and $180,000 for the purchase of playgrounds and equipment.

TURLOCK, STANISLAUS CO., CAL.—The Supervisors have sold the $65,000 bond issue of the Turlock Union High School District and construction on the new building to be erected will be ordered shortly. Plans were prepared by Stone & Wright of Stockton.

RIVERSIDE, RIVERSIDE CO., CAL.—The School Board has voted to call an election to vote bonds of $50,000 for the erection of a new Arlington School and for the completion of the Fremont and Longfellow School additions. Architects, Lester S. Moore and G. Stanley Wilson, 598 Blaine St., Riverside, have presented plans for the proposed Arlington structure.

LOS ANGELES, CAL.—Bids will be received by the Board of Supervisors up to 2 p. m. of May 21, for the purchase of $30,000 bonds of the Hyde Park School District. The issue is dated May 1, 1917 and bear interest at 5 per cent. Certified or cashier's check for 3 per cent required. A. M. McPherron is clerk.

FRESNO, FRESNO CO., CAL.—Bids will be received by the Board of Supervisors up to 10 a. m. of June 4, for the purchase of $6,000 bonds of the Bowerbank School District. D. M. Barnwell is clerk of the Board.

MODESTO, Stanislaus Co., Cal.—Four bond propositions for municipal improvement, which failed by a technicality to carry at the regular election April 10, will be placed before the voters at a special election to be called in the near future. This was decided upon at a meeting of the city Council recently. The four proposals are: $40,000 for paving street intersections; $30,000 for storm sewer; $15,000 for extension of the sanitary sewer system, and $5,000 for extension of the water system. The proposal of $10,000 for a municipal swimming pool was obviously opposed by a majority of the voters at the last election, and will not again be submitted.

TOMBSTONE, Ariz.—Cochise County will hold a bond election soon to vote on an issue of $1,000,000 for county highway work. The proposed work will include the paving of a road between Bisbee and Douglas, and from Bisbee through Tombstone to the Pima County line.

SOUTH BEND, Wash.—The County Commissioners have decided to place the proposition before the voters on June 12th at a special election of issuing bonds in the sum of $280,000 for the construction of permanent highways throughout the county. C. S. B. Henry is County Engineer and will have charge of the construction details.

ANDERSON, Shasta Co., Cal.—The election held by the Anderson-Cottonwood Irrigation District to vote bonds of $575,000 with which to complete work on the District carried.

MERCED, Merced Co., Cal.—The Supervisors of Merced County are planning to call an election to vote on an issue of $1,000,000 bonds to provide a system of roads.

KINGMAN, Mohave Co., Ariz.—An election will be held within a short

time to vote on a bond issue of $200,000 constructing roads, bridges, and culverts, in Mohave County.

SUSANVILLE, Lassen Co., Cal. — Bonds of $310,000 have been voted by the Baxter Creek Irrigation District.

The District comprises 8,000 acres ten miles from this city.

The $310,000 is to be used in constructing canals, acquiring rights of way and water rights.

BRIDGES AND DAMS.

WILLOWS, Glenn Co., Cal.—T. H. Polk of Chico submitted the lowest bid for the construction of the Sprague Bridge in Glenn County and it is probable that he will be awarded the contract. Polk's bid was $3,474.

RICHVALE, Butte Co., Cal.—Bids will be received by the Directors of Drainage District No. 100 of Butte County, at their office in Richvale, up to May 30th, 7.30 P. M., for the construction of 11 concrete abutments, wood floor bridge and for furnishing other materials for use in the District.

J. G. Rystrom is President and Clay B. Harris, Secretary of the District.

WILLOWS, Glenn Co., Cal.—The County Supervisors have rejected all bids submitted for the construction of the Sprague Bridge and County Surveyor Bayard Knock has been instructed to call for new bids.

FAIRFIELD, Solano Co., Cal. — County Clerk G. G. Halliday will receive bids up to June 4th, 11 A. M., for the construction of a reinforced concrete arch bridge over Pleasant Valley Creek on Road No. 293, Vacaville Township, Road District No. 4 in Solano County.

Certified check of 10% payable to D. M. Fleming, Chairman of the Board of Supervisors.

NEWPORT BEACH, Orange Co., Cal. —Bids will be received by the Board of Trustees of Newport Beach up to 7:30 P. M. on June 4, 1917, for furnishing all labor and material for the construction of a stone jetty at Newport Harbor in accordance with plans and specifications which may be obtained at the office of Leeds& Barnard, Consulting Engineers, 1103 Central Bldg., Los Angeles. The work will require about 45,000 to 50,000 tons of stone ranging from small rocks up to stones of six tons each. There is about $80 000 available for the work. The jetty will be about 1,800 feet long and average about 13 feet in height.

MT. VERNON, Wash. — Will R. Arges, County Auditor, will receive bids up to June 5th for the construction of concrete piers, retimbering and rebuilding wooden spans and approaches of a draw span bridge over the Skagit River at Mt. Vernon, Wash. Plans may be had of the County Engineer, W. E. Costello, or of Bowerman & McCloy, Mutual Life Bldg., Seattle Consulting Engineer.

SAN ANDREAS, Calaveras Co., Cal. —A. W. Poe, County Clerk, San Andreas, will receive bids up to June 4th, 1 P. M., for furnishing all material and labor for the construction complete of a Reinforced Concrete Bridge over Six Mile Creek, on the main county road leading from Angels Camp to the town of Vallecito; a reinforced concrete bridge over Vallecito Creek in the town of Vallecito, and a reinforced concrete bridge over Black Creek on the main county road leading from the town of Copperopolis to O'Byrnes Ferry.

EUGENE, Ore.—Stacy M. Russell, Clerk of Lane County, will receive bids up to May 31st, 1 P. M., for the construction of the following bridges, in accordance with plans and specifications on file in office of the county clerk. Each bid must name a lump sum and be accompanied by a check for 5 per cent of bid.

Gallagher bridge, in sec. 1, tp. 17, S. R. 4 W., W. M., a 45-foot wood span with concrete piers.

Stafford bridge, in sec. 3, tp. 17 S., R. 2 W., W. M., an 85-foot wood span with concrete piers and 165 feet of approaches.

Paschelke bridge, in sec. 8, tp. 16 S., R. 1 W., W. M., a 64-foot wood span with concrete piers and 45 feet of approach.

Shortridge bridge, in sec. 28, tp. 21 S., R. 3 W., W. M., a 100-foot wood span with concrete piers and 135 feet of aproaches.

Culvert over millrace in sec. 32, tp. 20 S., R. 3 W., W. M., a reinforced concrete culvert of four-foot span.

FRESNO, Fresno Co., Cal.—The Supervisors of Madera and Fresno Counties will co-operate in rebuilding the Old Lane's Bridge. The cost will probably range from $3,000 to $5.000.

RED BLUFF, Tehama Co., Cal.—The Supervisors will shortly call for bids for paving the Kauffman causeway its entire length. The work will cost about $9,000.

Two kinds of specifications are to be bid on. One is known as the Gridley pavement, similar in some respects to the Main street pavement and the other as the Topeka pavement, recommended by the state highway commission.

EUREKA, Humboldt Co., Cal.—Plans for a $65,000 steel bridge which will span the Eel River at Alderpoint on the main traveled county road leading south, have been ordered prepared by the County Supervisors. The bridge will be 650 feet long, the main span being about 450 feet in length and two shorter spans will complete the gap at each end. A. J. Logan is County Engineer.

Contract Awarded.

SEATTLE, Wash.—The Puget Sound Bridge & Dredging Co., Central Bldg., Seattle, has been awarded the contract for dredging and making a fill in Salmon Bay for the Port of Seattle Commission on their bid of $28,600. (15510) 1st report Apr. 23; 2nd May

EUREKA, Humboldt Co., Cal.—The County Supervisors have awarded a contract to D. C. Farnell, Eureka, for the construction of the Carson Cut bridge over Elk River, on his bid of $832.

Thomas Engelhart, 639 16th St., Eureka, was awarded the contract for the construction of the Mad River Slough Bridge at $3,175. (15230) 1st report Apr. 12, 1917.

CHURCHES.

FRESNO, FRESNO CO., CAL. — Church, 1 story and base, brick, $10,000. Architect, none. Owners, Bethel Danish Lutheran Church. Location, Coal and Summer avenues. Will contain auditorium, Sunday school rooms and social hall. Plans complete and figures being taken.

HOLLYWOOD, LOS ANGELES CO., CAL. Church, 2 story and base, brick and concrete, $40,000. Architect, Norman F. Marsh and Herbert C. Howard, Broadway Central Bldg., L. A. Owners, Hollywood Baptist Church. Location, Selam and Las Palmas avenues, covering an area of 84 by 152 feet. Will contain main auditorium, Sunday school rooms and social hall. Plans complete and figures being taken.

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Church addition, 1 story and base, brick, $16,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, First Methodist Church. Will contain an auditorium and Sunday school rooms. Plans complete and work to be done by Day Labor.

ALHAMBRA, ORANGE CO., CAL.—Church, 2 story and base, frame, $25,000. Architects, Marsh & Howard, 213 Broadway Central Bldg., L. A. Owners, First Baptist Church. Main auditorium will seat 650 people. Sunday school rooms, social hall and pastor's study. Plans are being prepared.

Contract Awarded.

HUNTINGTON, PARK, LOS ANGELES CO., CAL.—Church, 1 and 2 story, hollow tile, $15,000. Architect, G. A. Howard, Jr., Story Bldg., L. A. Owners, Christian Science Church. Contractor, W. A. Alexander, 137 South Pacific avenue, Huntington Park. Contract price, $15,000.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Warehouse addition, 2 story, reinforced concrete. Cost not stated. Architect, Thomas Powers, 460 Montgomery street, S. F. Owner's name not given. Location, Townsend street, covering an area of 60 by 120 feet. Plans are being prepared.

SAN FRANCISCO—Lofts, 2 story and base, reinforced concrete. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, George Webster. Location, Sacramento east Drumm. Carnahan & Mulfor, 45 Kearny street, presented the lowest bid for this work and will probably be awarded the contract.

SAN FRANCISCO—Auto shop, 1 and 2 story and base. Class C construction. Cost not stated. Architects, Heiman & Schwartz, 212 Stockton St., S. F. Owner, L. A. Myers. Location, northeast Pine and Franklin streets, covering an area of 40 by 120 feet. Plans are being prepared. Construction will be carried out by O. W. Britt.

SAN FRANCISCO—Packing plant additions, 2, 2 story, brick. Cost not stated. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Workman Packing Co. Location, Seventh and Langton streets. Will give an addition of approximately 10,000 square feet of floor space. Plans are being prepared..

SANTA SUSANA, VENTURA CO., CAL.—Packing plant, 1 story, reinforced concrete and hollow tile. Cost not stated. Architect, Alfred F. Priest, Fay Bldg., L. A. Owners, Pat-

terson Ranch Co. Will cover an area of 80 by 148 feet. Plans are being prepared.

SEATTLE, WASH. Powder plant, etc., $1,000,000. Engineer's name not given. Owners, American Nitrogen Products Co., Securities Bldg., Seattle. The factory will be located about 60 miles out of Seattle. Details of construction will be given later.

SEATTLE, WASH. — Factory, 1 story and base, reinforced concrete and steel, $300,000. Engineer's name not given. Owners, Finde Air Products Co., New York. Location, Henrietta and 8th avenues, covering an area of 130 by 382 feet. Plans complete and figures being taken. Bids close on June 2nd.

Contract Awarded.

SAN FRANCISCO—Warehouse and offices, 4 story and base, brick and steel, $200,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Union Iron Works. Contractors, Palmer & Peterson, Monadnock Bldg., S. F. Contract price, $200,000.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Fire house, 1 story and base. Class C construction, $30,000. Architects, Ward & Blohme, Alaska Commercial Bldg., S. F. Owners, City and County of San Francisco. Location, 25th and Vermont streets, covering and area of 75 by 150 feet. Plans complete and figures being taken for the general construction, brick work and plumbing to be opened by the Board of Public Works on June 1st.

WILLOWS, GLENN CO., CAL. — Jail, 1 story, concrete, $3,000. Architect, none. Owners, Glenn County. All bids for the construction of this building have been rejected. New figures will be called for shortly.

PLACERVILLE, El Dorado Co., Cal. —City Clerk O. E. Bailey will receive bids up to June 4th, 8 P. M., for Electro Siren Fire Alarm System, and Diaphone Fire Alarm System, complete, operated by compressed air. Separate bids for each, installed and not installed.

Certified check of 10% to accompany each bid.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, $6,000. Architects, Morrow & Garren, Chronicle Bldg., S. F. Owner's name withheld. Location, Dolores near 16th street. Will contain two flats of five and six rooms. Plans complete and work to be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, brick, $10,000. Architect, E. A. Neumarkel, 2632 Sacramento street, S. F. Owner, William Goldman, 1428 5th street. Location, northeast Folsom and Harriet streets, covering an area of 75 by 125 feet. Plans complete and in the hands of the owner, who is taking figures.

BAKERSFIELD, KERN CO., CAL. —Garage, 3 story and base, reinforced concrete, $50,000. Architect's name not given. Owner, J. M. Jameson, Bakersfield. Location, Chester avenue and 22nd street, covering an area of 150 by 122 feet. Will contain a commercial garage and auto sales rooms. Plans are being prepared.

SAN FRANCISCO—Garage, 1 story and base, brick, $10,000. Architect, E. A. Neumarkel, 2682 Sacramento St., S. F. Owner, William Goldman, 1428 5th avenue. Location, northeast Folsom and Harriet, covering an area of 75 by 125 feet. Plans complete and in the hands of the owner who is letting all contracts.

FRESNO, FRESNO CO., CAL.—Garage and sales rooms, 3 story and base, brick and reinforced concrete, $70,000. Architect's name not given. Owners, Willys Overland Co., Frank G. Hood, Fresno, manager. Location, Van Ness and Tuolumne, covering an area of 100 by 150 feet. Plans complete and figures to be called for at once.

LOS ANGELES, CAL.—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, A. S. Heineman, San Fernando Bldg., Morgan, Walls & Morgan, Van Nuys Bldg., associated. Owner, William Garland. Location, South Hope St., covering an area of 100 by 157 feet. Plans are being prepared.

Contract Awarded.

FRESNO, FRESNO CO., CAL.—Garage, 1 story and base, hollow tile, $10,000. Architect, none. Owners, P. H. Turner and L. A. Northrup, Fresno. Contractor, J. H. Peak, Selma. Contract price, $10,000.

LOS ANGELES, CAL. — Garage, 1 story and base, brick, $21,000. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Roman Catholic Church. Contractor, J. V. McNeill, Wesley Roberts Bldg., L. A. Contract price, $21,000.

GOVERNMENT WORK & SUPPLIES.

Wooden Vessels.

Official announcement is made that the Government will build an enormous number of wooden ships within the next eighteen months and that Gen. Goethals will sign contracts for them as soon as the shipping bill becomes a law.

This disposes of the persistent story that Gen. Goethals so violently opposed the wooden ship plan of the shipping board for thwarting Germany's submarine campaign that he would effect an abandonment of the scheme.

William Denman, chairman of the shipping board, authorized the following statement:

"The wooden ship scheme being definitely underway and satisfactorily progressing, the board and Gen. Goethals have turned to the stimulation of steel ship building. Undoubtedly the stories concerning the abandonment of the wooden ship plan arose from the fact that having nothing more to say about the wooden ships we have talked nothing but steel.

"The wooden ship plan will be carried on as originally conceived. The board never at any time has given out a statement in which it anticipated the number of wooden ships it would be possible to build. It is confidently expected, however, that in eighteen months there will be turned out an enormous wooden tonnage. We hope in the same period to turn out an even larger steel tonnage.

"Many experts believe that if we do not do this Germany will win the war.

"The board welcomes intelligent criticism, but it considers unpatriotic a statement concerning its policy which is untrue and about which the person making it has not had the candor to ask the board whether or not it is true."

Pauwala Point Light Station, Repairs.

The bid of Allen & Robinson, Ltd., Honolulu, H. T., $800 in amount, has been accepted for making repairs to the Pauwala Point light station.

San Diego, Cal., Painting.

Bids for painting at the U. S. quarantine station, San Diego, Cal., were received recently by the custodian, as follows:

Richard E. Seal, 4550 Edgware road, San Diego, Cal., $1,455; time, 35 days.

Newell J. Jones, -070 20th street, San Diego, Cal., $1,514, 60 days.

Burgent & Allen, 420 19th street, San Diego, Cal., $1,843, 60 days.

SAN FRANCISCO—Coast guard station, 1 and 2 story, frame. Cost not stated. Engineer, U. S. Coast Guard Service, Washington, D. C. Owners, United States Government. Location, Ocean Boulevard. Plans are complete and bids will be opened on June 6th at 2 p. m. Plans can be secured from the Superintendent of the 13th District, Custom House Bldg., San Francisco.

BOLINAS BAY, MARIN CO., CAL. —Coast guard station, 1 story and base, frame. Cost not stated. A complete list of bids opened in Washington, D. C., for this work will be found under the heading of Bids Opened in this issue. Under the same heading a list of bids for constructing a shell house and laboratory at Mare Island will be found.

HALLS AND SOCIETY BUILDINGS.

SAN FRANCISCO—Lodge hall, garage and offices, 3 story and base. Class A construction, $70,000. Architect, T. Patterson Ross, 310 California street, S. F. Owners, Islam Temple Mystic Shrine, 43 Powell street. Location, north Geary between Leavenworth and Jones streets, covering an area of 100 by 137½ feet. Will contain a commercial garage on the ground floor, lodge rooms and offices above. Plans are being prepared.

YREKA, SISKIYOU CO., CAL. — City hall, 1 story and base, reinforced concrete, $10,000. Architect, George Sellon, 1005 K street, Sacramento. Owners, Town of Yreka. No bids for the construction of this building were received. Another advertisement calling for bids will be published.

SAN FRANCISCO — Association building, 2 and 4 story, Class A and Class C construction, $150,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owners, Young Women's Christian Association. Steel plans have been completed and figures will

be called for at once. Following the award of this contract the balance of the work will go out for bids.

SANTA BARBARA, SANTA BARBARA CO., CAL. Club house, 2 story and base, frame, $15,000. Architect, Roland E. Sauter, San Marcos Bldg., Santa Barbara. Owners, La Cumbre Golf Club. Will cover an area of 100 by 75 feet. Plans are complete and figures will be taken shortly.

Contract Awarded.

GLENRALE, LOS ANGELES CO., CAL.—Lodge halls, 3 story and base, brick, $42,000. Architect, Alfred F. Priest, Fay Bldg., L. A. Owners, Glendale Elks' Hall Association. Contractors, Charles W. Kent & Son, 429 South Brand Boulevard, Glendale. Contract price, $42,000.

HOSPITALS.

SAN FRANCISCO—Hospital wards, 3, 1and 2 story, reinforced concrete or hollow tile. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Bids will be called for shortly for three new wards to be erected at the Letterman General Hospital. Bids will be advertised for in these columns.

DEER LODGE, MONTANA—Hospital, 3 story and base, reinforced concrete, $100,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, St. Joseph's Hospital. Will cover an area of 100 by 120 feet and contain wards and private rooms, operating rooms, offices and nurses' home. Plans are complete and work will be done by Day Labor.

Contract Awarded.

CHICO, BUTTE CO., CAL.—Hospital, 2 story and base, reinforced concrete. Cost not stated. Architect, A. J. Bryan, Chico. Owners, Sisters Hospital. Contractor, Ernest Graessler, Chico, concrete work only.

IRRIGATION PROJECTS.

STOCKTON, San Joaquin Co., Cal.—The Board of Directors of the South San Joaquin Irrigation District has instructed Chief Engineer Griffin to call for bids to close June 12th, 10 A. M., for the construction of auxiliary dams at the Woodward reservoir.

APPLICATIONS TO STATE WATER COMMISSION.

Applications have been filed with the State Water Commission for permission to use water as follows:

C. E. Reische of Meridian, 3300 gallons per minute of waters of Sacramento river for the irrigation of 63 acres by means of a electrically driven pump. A ditch ¾ of a mile long is proposed to conduct the water to the land.

City of Montague, 2 cubic feet per second of the waters of Shasta River in that county for municipal supply.

W. N. Walker of Likeley, Modoc county, 30 miner's inches of south fork of Pit river for the irrigation of 38 acres. Applicant proposes to conduct the water through a ditch some five miles long to a lateral 6400 feet long and through the same main ditch two miles further into another lateral 2200 feet in length.

Horne Development Company of Auburn, 20 second feet or 11000 acre feet of the waters of Painter Creek and Buckhorn Creek in Lassen county for the irrigation of 9055 acres. A reservoir is planned on each stream. On Buckhorn Creek the proposed dam is 45 feet high, 360 feet long on top and 120 feet at bottom; on Painter Creek the proposed dam is 50 feet high, 492 feet on top and 160 feet at bottom, both to be earth fill type of local black adobe. The estimated cost of the project is given as $71,000.

Fred Laux, Jr. of Stonyford, four cubic feet per second of Stony Creek tributary to Sacramento river in Colusa county for the irrigation of 123 acres by means of a pumping plant and main ditch a mile long at a cost of $2000.

POWER PLANTS.

REDDING, Shasta Co., Cal.—F. G. Baum, chief engineer of the Pacific Gas and Electric, and Grover Green, resident engineer, left here with a party of surveyors for the Big Bend of the Pit River to begin at once surveys and prepare detail work for the company's power plant project, on which $17,500,000 is to be spent.

McMINNVILLE, Ore.—Bids will be received by the Water & Lighting Commission, until June 4th for the construction of the pipe line and head works for the Haskins Creek water supply to be constructed here for which bonds in the sum of $90,000 were recently voted.

The work will include the furnishing of labor and materials for the construction of approximately ten miles of 12-inch water pipe line, together with a small concrete diversion dam to be built for the headworks.

R. W. Jones is City Engineer.

RAILROAD CONSTRUCTION AND EQUIPMENT.

ALTURAS, MODOC CO., CAL.—Railroad terminal, 5, 1 and 3 story, brick and concrete, $125,000. Architect not selected. Owners, Nevada-California-Oregon Railroad Co., R. M. Cox, General Manager, Reno. The work will include administration building, car shop, round house, blacksmith shop and car repair shop. Bliss & Faville, Carl Werner, and F. J. De Longchamps have submitted plans.

LOS ANGELES, CAL.—Freight terminal. Cost as follows. Engineer's name not given. The Salt Lake Railway Company has acquired a site of 20 acres between Hunter and Eighth streets, and Alameda and Lemon Sts., upon which it proposes to establish a new and commodious freight terminal if a franchise for a steam railroad can be secured from the city council. It is estimated that the railway company will expend about $3,000,000 in the construction of new trackage and the erection of fireproof concrete buildings.

SAN FRANCISCO—H. S. Tittle, 245 Minna street, San Francisco, submitted the lowest bid to the San Francisco Board of Public Works for furnishing electrical conductors for use in the Municipal Railway System (Church Street Line) and it is probable that he will be awarded the contract on his bid of $6,876.

HELENA, Montana The Montanan Southern Railway, to be built from Divide in Silver Bow County, up the Wise and Big Hole rivers to Wisdom and Ralston in the Beaver Head County, at a cost of one million dollars, has been incorporated here by citizens of Butte.

The Kings Lake Shore Railroad Company, which was incorporated a week ago to build a standard gauge railroad from a junction with the Santa Fe railroad line at Corcoran, Kings County, 21 miles to Kings Lake, has filed with the Railroad Commission an application for authority to issue $298,500 capital stock, $22,000 for rights of way, and $264,000 stock for grading and building the road and purchasing materials and equipment for it, including rolling stock; $10,000 stock to Charles King for promotion and supervision services, as also five shares to directors.

The company was incorporated on May 7 last for $500,000, and the stock divided into 5,000 shares of a par value of $100 each, of which $22,000 has been actually subscribed. Charles King, who is president of the company, lives in Hardwick, Kings county, and J. L. C. Irwin is secretary. The application does not state the purpose of the road, but it is understood that it intends to develop an agricultural country.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story and base, frame, $5 000. Architect, Charles F. Strothoff, 2276 15th street, S. F. Owner, Paul C. Butte, 3701 Clay street. Location, north Washington east Arguello Boulevard. Will contain eight rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence alterations, 2 story, frame, $2,000. Architect, none. Owner, Mary Fenley, 2380 Franklin street, S. F. Location, east Franklin south Vallejo. Work will consist of repairing fire damage and will include plumbing, electric work, plastering and painting. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 1 story and base, frame, $2,000. Architect, J. A. Porporato, 619 Washington street, S. F. Owner, G. Rege. Location, north Lombard east Scott. Will contain six rooms and bath. Plans are being prepared.

OAKLAND, CAL.—Residence, 1½ story and base, frame. Cost not stated. Architect, William Wilde, 46 Kearny street, S. F. Owner, P. Olsen, 389 12th street, Oakland. Location, Fourth Avenue Terrace. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence addition, 1 story frame. Cost not stated. Architects, Morrow & Garren, Chronicle Bldg., S. F. Owner, Spring Estate. Work will consist of adding one story to the present Gate Lodge and arranging same for servants' quarters. Plans are complete

and work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL. Residences, 2, 1 story and base, frame, $2,500 each. Architect, none. Owner, G. Taylor, 96 Pearl street, Oakland. Location, north Moraga east Highland avenue. Each house will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,500. Architect, none. Owner, G. H. Noble, 703 Haight avenue, Alameda. Location, west 29th avenue north East 16th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. Residence, 1½ story and base, frame, $3,500. Architects, Schirmer, Bugbee & Co., Dalziel Bldg., Oakland. Location, Ray avenue. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans complete and figures being taken.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, A. T. Anderson, 3625 Brookdale avenue, Oakland. Location, south 63rd street east Lowell. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL.—Residence, 1½ story and base, frame, $3,500. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, W. Moller. Location, south Arimo avenue. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence 2 story and base, frame, $4,500. Architect, Noble Newsom Lovers Lane and San Rafael avenue, Berkeley. Owner, George C. Pape. Location, Spring Court. Will contain eight rooms, two baths and sleeping porch. Separate garage. Plans are being prepared.

BURLINGAME, SAN MATEO CO., CAL.—Residence, 2 story and base, frame. $5,000. Architect, Ernest Norberg. Bank Bldg., Burlingame. Owner, Judge Lamb. Location, Burlingame Heights. Will contain eight rooms, bath and sleeping porches. Separate garage. Plans complete and figures being taken.

ESCALLE, MARIN CO., CAL.—Residence, 1 story, frame, $2,500. Architects, Foulkes & Hildebrand, Crocker Bldg., S. F. Owner, Mr. Freed. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 1 story and base, frame, $2,000. Architect, J. A. Porporato, 619 Washington street, S. F. Owner, G. Rege. Location, north Lombard east Scott. Will contain six rooms and bath. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Rectory, 2 story and base, frame, $10,000. Architect, Smith O'Berin, Humboldt Bank Bldg., S. F. Owners, St. Edward's Parish. Location, California near Laurel. Will contain ten rooms, three baths and social hall. Plans complete and figures being taken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, $4,000 each. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owner, Margaretta Koenig. Location, east Funston avenue north Cabrillo. Each house will contain eight rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $2 500. Architect, none. Owner, Domonic Tiscornia, 2 Meda avenue, S. F. Location, west 22nd avenue south Lincoln Way. Will contain seven rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Residence, 2 story and base, frame, $4,000. Architect, Harris Allen, Central Bank Bldg., Oakland. Owner, Alys Cornwall. Location, Claremont District. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and figures being taken.

BERKELEY, ALAMEDA CO., CAL. —Residence, 1 story and base, frame, $1,300. Architect, none. Owner, W. J. Baker, 540 28th street, Oakland. Location, southwest Mable and Derby streets. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Residence, 1 story and base, frame, $1,500. Architect, none. Owner, G. M. Miller, 920 Inyo street, Berkeley. Location, west Kaines avenue south G lman. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

Contract Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, brick veneer, $22,000. Architect, Thornton Fitzhugh, Story Bldg., L. A. Owner, Thomas D. Murphy. Contractors, Kling Co., 15th and Long Beach avenue, L. A. Contract price, $22,000.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile. Cost not stated. Architect, Frederick L. Roehrig, American National Bank Bldg., L. A. Owner, E. J. Marshall. Contractor, A. C. Brandt, 392 Worcester avenue, Pasadena. Contract price not stated.

SCHOOLS.

OAKLAND, CAL. — School heating and plumbing. Cost as follows. Architect, none. Owners, City of Oakland. Bids were opened on May 14th for heating and plumbing in the Oakland High School and in the Fremont School. A complete list of these bids appears under the heading of Bids Opened in this issue.

SACRAMENTO, CAL. — School, 2 story and base, reinforced concrete $199.000. Architects, Shea & Lofquist, Bankers' Investment Bldg., S. F. Owners, City of Sacramento. Bids will be opened on June 1st for the school building to be erected on the property bounded by 17th and 18th streets. Bids are being taken on revised plans which omit one class room wing. The lowest bid received at the former opening was for $227,000.

WALNUT GROVE, SACRAMENTO CO., CAL.—School alterations. Cost not stated. Architect, R. A. Herold, Forum Bldg., Sacramento. Owners, Walnut Grove School District. Bids will be opened on June 2nd for certain alterations to two school buildings. Plans can be secured from the architect.

LAS VEGAS, NEVADA—School, 1 story and base, brick, $36,000. Architects, Wilson & Eager, American National Bank Bldg., L. A. Owners, City of Las Vegas. Will contain ten class rooms and auditorium. Plans complete and figures being taken.

SEATTLE, WASH.—School, 1 story and base, brick, $50,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, Fauntleray School District. Will cover an area of 62 by 196 feet. Revised plans are being prepared.

SALEM, ORE.—College unit, 4 story and base, Class A construction, $150,000. Architects, Lawrence & Holford, associated with Whitehouse & Fouilhoux, Chamber of Commerce Bldg., Portland. Owners, State of Oregon. This building will be the first unit of the new medical school. Plans are being prepared.

Contract Awarded.

PALO ALTO, SANTA CLARA CO., CAL.—College press building, 1 story and base, reinforced concrete, $20,000. Architect, none. Owners, Trustees of Leland Stanford, Jr., University. Contractors, W. C. Duncan & Co., Sharon Bldg., S. F. Contract price, $20,000.

WASHINGTON, YOLO CO., CAL.—School, 1 story and base, reinforced concrete, $25,856. Architect, E. C. Hemmings, 1203 J street, Sacramento. Owners, Washington School District. Contractors, Powell & Birdsall, Sacramento. Contract price, $25,856.

FALLON, NEV.—School, 1 and 2 story and base, Class C construction, $53,445. Architects, Wilson & Eager, Monrovia, Cal. Owners, City of Fallon. Contractors, Caldwell & Son, 110 Jessie street, S. F., general construction, $53,445.

SEATTLE, WASH.—School, 2 story and base, brick, $69,988. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Contractor, Sound Construction Co., Lowman Bldg., Seattle. Contract price, $69,988.

ENTERPRISE, ORE. — School, 2 story and base, brick and hollow tile, $44,000. Architects, Tourtellotte & Hummel, Rothchild Bldg., Portland. Contractor, John Almeter, Portland. Contract price, $44,000.

SEWERS, STREET WORK & WATER SYSTEMS.

LONG BEACH, Los Angeles Co., Cal. —B. Z. Wucetich 3066 Moss avenue, Los Angeles, was the lowest bidder at $29,984 for constructing a sewer in California avenue and other streets. The other bids were: W. A. Frick, $30,500; S. Zarubica, $31,678; P. S. Tomich, $36,000; and James Kennedy, $37,500.

RICHMOND, Contra Costa Co., Cal. —The City Council has instructed City Engineer Chapman to prepare plans for a subway for Sixteenth street under the Santa Fe tracks to the harbor section of the city, have been given by the city council as the first move in a plan to reach the waterfront without the necessity of grade crossings.

EUREKA, Humboldt Co., Cal.—W. H. Cowell, Superintendent of Streets, reports the completion of plans for the improvement of "K" street from Eleventh to Thirteenth street. The

work will consists of grading the entire width.

STOCKTON, San Joaquin Co., Cal. From plans prepared by County Surveyor F. E. Quail, County Clerk Eugene D. Graham will receive bids up to June 5th, 10 A. M., for improvement work on the Jack Tone road from the Copperopolis road south to the Farmington road, a distance of 1.95 miles.

Certified check of 10% payable to Chairman of the Board of Supervisors.

STOCKTON, San Joaquin Co., Cal.—Bids will be received by the County Supervisors up to June 5th, 10 A. M., for improving certain streets in the Town of Escalon, San Joaquin County.

F. E. Quail is County Surveyor and Eugene D. Graham County Clerk. Bids must be accompanied by certified check of 10% payable to Chairman of the County Supervisors.

BAKERSFIELD, Kern Co., Cal.—At the last meeting of the County Supervisors bids were ordered advertised for the furnishing of lights and the installing of a lighting system in Wasco in pursuit of the lighting election held there last month. Bids will be opened June 5th.

VISALIA, Tulare Co., Cal.—Bids for the construction of fifty miles of the new Tulare county concrete highway system called for by the Supervisors, to be opened on June 5 and June 6. The divisions called for at this time are those comprised as follows: North Dinuba to Sultana division; Orosi to Cutler division; North Visalia division; Visalia to Exeter division; Lindsay to Porterville division, and Ducor and Richgorve division.

The bids to be submitted will be for separate divisions except that in the case of the North Dinuba to Sultana and Orosi to Cutler divisions, both separate and joint proposals will be asked.

In the matter of the surfacing for the work the Board called for various bids. Bids will be submitted for both the Topeka and Warrenite, inch and a half top, jointly and separately, and the Board will select that which it deems the best.

PORTLAND, Ore.—The Warren Construction Co., Portland, submitted the lowest bid for the improvement of Powell street as a district and they will probably be awarded the contract. The bid follows: Bitulithic, $1.85 sq. yd., basalt blocks in track, $2.75 sq. yd., and concrete, $1.40 sq. yd., $26,-352.18.

SEATTLE, Wash.—The King County Commissioners will receive bids up to June 11th, for the paving of approximately five miles of highway between Houghton, Medina and Bellevue, to cost between $75,000 and $115,000, according to the class of surfacing selected.

Specifications will call for brick block, monotithic brick or standard concrete paving. The road will be twenty feet wide.

MODESTO, Stanislaus Co., Cal.—No bids were received by the Board of Supervisors on May 15th for the construction of the Hickman Road, approximately 2.882 miles, or for constructing approximately 8.222 miles of road known as the Waterford Road.

County Clerk Benson could not say what action would be taken by the Board of Supervisors.

MARTINEZ, Contra Costa Co., Cal. The Supervisors have instructed County Surveyor to prepare plans and specifications for the county highway to be constructed by way of Bay Point, beginning at the Town of Concord and running by the way of Bay Point to the City of Pittsburg. Bids for this section will be called shortly.

STOCKTON, San Joaquin Co., Cal.—The City Council has approved plans and specifications for the improvement of the streets and sidewalks in the Villa Addition.

The streets to be improved are Hazel, Laurel and Ash streets, from Mormon avenue to Lafayette street, inclusive, and Mormon avenue, Hazelton avenue, Church, Sonora and Lafayette streets from Hazel to Ash streets, inclusive. The pavement will be bitulithic. The estimated cost of the work is $40,619.74.

CALIPATRIA, Imperial Co., Cal. Bids will be received by the Northend Water Company up to 12 o'clock, noon, of May 28, for the construction of a spillway and intake complete, with piers, bridging and operating machinery for the Northend dam, about three miles southwest of Calipatria. The work will involve excavation, furnishing and driving piles and sheet piles, constructing concrete foundations, timber floors, gate, machinery, etc. Specifications may be obtained from the office of the company or from A. L. Sondregger, 600 Central Bldg., Los Angeles. Deposit of $10 for each set of plans and specifications required. Certified check for $5000 must accompany each bid. Victor R. Sterling is secretary of the company.

TAFT, Kern Co., Cal.—The City Trustees are receiving bids for furnishing vitrified pipe for use in extending the sewers of the city.

The pipe to be used in the fire lines is to stand a high pressure. It is to be used in extending the lines to protect the new $60,000 high school.

The sewer lines are to be extended also to connect with the high school sewer system. In the neighborhood of 5000 feet of 4-inch pipe is needed for the fire lines and about 2,500 feet of vitrified pipe for the sewer connections.

LOS ANGELES, Cal.—New bids will be received by the Board of Supervisors up to 2 P. M. of June 11, 1917, for furnishing all labor and material for the construction of a sewer system at the county farm near Downey. The contract was previously awarded to J. P. Hunter, who withdrew his bid of $11,400 because the appropriation for the work would not be available for several months.

MODESTO, Stanislaus Co., Cal.—County Clerk Benson states that bids will be re-advertised for on the construction of approximately 11.288 miles of county highway and will be opened on June 12th at 10 A. M. This work includes the Waterford Road and the Hickman Road. No bids for this work were received on May 15th. (14677) 1st report Mar. 21; 4th May

OAKLAND, Cal.—The City Engineer has been instructed to prepare plans and specifications for the various street improvements to be undertaken before the close of the year, the cost of which is estimated at $200,000. The following streets are included in the work:

Fallon, from Seventh to Tenth; Madison, from Tenth to Twelfth; Twenty-third avenue, south of the Southern Pacific right of way to the tidal canal; Twenty-seventh, from Telegraph to Grove; Fourteenth street, from Market to Peralta; Tenth street, from Jefferson to Market; Twenty-fifth street, from San Pablo avenue to Grove street and Twenty-ninth avenue from the Southern Pacific right of way to East Fourteenth street.

The specifications will call for standard paving on all the streets except Twenty-ninth avenue, which will be done with oil macadam.

NAPA, Napa Co., Cal.—City Clerk David C. Scribner, will receive bids up to 7:30 P. M., May 28th, for the following work:

That cement concrete curbs and sidewalks be laid down on both sides of Main street from the southerly curb line of Pearl street to a point 243 feet southerly from the southerly line of said Pearl street.

Also that a cement concrete round corner be constructed on the SE corner of the intersection of said Main and Pearl streets.

NAPA, Napa Co., Cal.—The County Supervisors have ordered bids received for the construction of the Napa County highway between Greenwood Hill and the Solano County line. The estimate of County Engineer O. H. Buckman is $68,000. Plans provide for a concrete road 18 feet wide, and for the building of bridges, culverts, etc.

RED BLUFF, Tehama Co., Cal.—The Supervisors will shortly call for bids for the installation of a lighting system for the Kauffman causeway. Specifications provide for a system of 12 electroliers each to carry 600 C. P. The estimate cost is placed at $2,000.

EUREKA, Humboldt Co., Cal.—The Western Motor Draying Co., 373 Noe street, San Francisco, submitted the only bid to the County Supervisors for surfacing the Ferndale-Waddington road with Western Roadalite. The bid, which was taken under advisement, was 3½ cents a square foot for surfacing, 50 cents a cubic yard for excavations, $2.25 a cubic yard for gravelling and 75 cents a cubic yard for excavating for culverts.

STOCKTON, San Joaquin Co., Cal.—The City Clerk will receive bids up to May 25th, 10 A. M., for the construction of a vitrified concrete sewer on El Dorado street, between Worth and South streets, and on Grant street between Miner avenue and Oak street.

SAN FRANCISCO, Cal.—W. J. and E. Schmidt of Berkeley submitted the lowest bid to the Board of Public Works for the construction of Section "A" of the Marina Boulevard, at $36,-488.34, but the certified check accompanying the bid did not equal 10% and it is now probable that the contract will go to the second lowest bidder, F. R. Ritchie, whose bid was $36,-762.56.

AUBURN, Placer Co., Cal.—The Tibbitts-Pacific Co., 16 California St., San Francisco, has lost the contract for paving the business streets of Auburn, because of a flaw in the specifications. The company's bid was $41,891. New proceedings will have to be started which will mean a delay of sixty days.

(11157) 1st report Feb. 23, 4th May

PORT ANGELES, Wash.—Bids will be received by City Clerk J. L. Beam, up to May 29th, for paving 2nd and 3rd streets, et al, with concrete.

The work involves the following:

Second street et al., concrete paving, 5175 sq. yds., 16,000 ft. bridge timber, 5,000 cu. yds. of earthwork and 8 and 18-inch sewer pipe; 3rd street et al., concrete pavement, 6,600 sq. yds., 2,500 ft. concrete curb, 1,200 ft. sewer pipe, 11,000 ft. wood walks, 9,000 ft. form lumber, 1,200 cu. yds. earth work, 400 sq. yds. triangle reinforcing mesh.

F. E. Semon is City Engineer.

RICHMOND, Contra Costa Co., Cal.—City Clerk A. C. Faris will receive bids up to May 28th, 8 P. M., for the following work: That a portion of Garrard Boulevard bet. the extension westerly of the southerly line of Ohio avenue and the extension southeasterly of the southwesterly line of Standard avenue, and a portion of Standard avenue between the northwesterly line of Garrard Boulevard and the extension northeasterly of the southeasterly line of Railroad avenue, be graded, paved with six-inch cement concrete base with a paint coat wearing surface of asphalt and stone screen ngs.

That portions of the existing gutters be removed, and that a concrete catch basin be constructed, and that the existing wing walls at the culvert at Maine avenue, be reconstructed.

PASADENA, Los Angeles Co., Cal.—Bids will be received by the City Clerk up to 10 A. M., May 25, 1917, for furnishing the city one 2½-ton 4-cylinder motor truck per the following specifications: Standard chassis; loading space back of seat 12 feet; motor 4 cylinder enclosed type, water cooled, equipped with centrifugal pump; ignition, Bosch high tension, or its equivalent; worm drive; tires of the pressed-on type, front, single 34"x4", rear dual 34"x4"; brake, band 3"; Miller carburetor, or its equivalent, equipped for burning distillate; radiator, spring suspension; body, size 5'x12'x30" with 10" flare board, and otherwise to be similar to the motor truck now in use by the City of Pasadena, bearing State License No. E-753, which motor truck will be subject to inspection any day between 1 and 5 o'clock P. M. at the Municipal incinerator on South Raymond avenue in the City of Pasadena.

SAN JOSE, Santa Clara Co., Cal.—The Supervisors are considering the construction of a road to be known as the "'Bodfish Canyon Road." This road, when constructed, will shorten the distance between Gilroy and Watsonville by six miles.

OLYMPIA, Wash.—The State Highway Commission has rejected bids for the following highway improvements:

Bridge over Coweeman River, Cowlitz County.

Bridge over Kalama River, Cowlitz County.

Clearing and grubing, Olympic Highway, twelve miles from Lake Quinault northwest.

HIGHWAY BIDS OPENED.

(By Special Wire)

SACRAMENTO, Cal.—The following is a list of the lowest bidders on highway work opened by the State Highway Commission, Monday. No awards were made:

Alameda County from Santa Rita to Dublin (IV-Ala-5-B), about 3.2 miles in length, to be paved with Portland cement concrete.

Bates, Borland & Ayer, Oakland Bank of Savings Bldg., Oakland, $29,306.

Engineer's estimate, $36,154.85.

Solano County, from westerly boundary to Cordelia (III-Sol-8-A), about 3.46 miles in length, to be paved with Portland cement concrete.

Harlan & Harlan of Williams, Cal., $26,976.75.

Engineer's estimate, $35,624.13.

Siskiyou County, three reinforced concrete bridges, across Little Castle Creek, Greenhorn Creek, and Yreka Creek (I-Sis-3-A & B), being respectively 84 feet, long, 6 feet long, and 42 feet long.

John H. May of Napa, $6,525.

Engineer's estimate, $7,979.62.

Santa Barbara County, from Las Cruces to Gaviota Pass (V-S.B.-2-E), about 2.9 miles in length, to be graded.

Ira Hopson of San Luis Obispo, Cal., $59,949.83.

Engineer's estimate, $68,146.76.

Los Angeles County, from Castaic to Castaic School (VII-L.A.-4-A), about 4.1 miles in length, to be paved with Portland cement concrete.

Brashear-Burns Co., of Hollywood, Cal., $28,093.30.

Engineer's estimate, $34,323.13.

(15401) 1st report Apr. 19, 1917.

Contract Awarded.

WENATCHEE, Wash.—The County Commissioners have awarded a contract to C. M. Payne of Spokane, Wash., for the paving of 12,423 yards of Permanent Highway No. 9, between Wenatchee and Monitor, with one course concrete, on a bid of $19,600.

STOCKTON, San Joaquin Co., Cal.—Clark & Henery, 38 S-Sutter St., Stockton, have been awarded a contract to improve Aurora street, between Weber avenue and Lindsay stret, on their bid of $6015.08.

NAPA, Napa Co., Cal.—The City Council has awarded a contract to the Gildersleeve Contracting Co., Napa, for the paving of Main street from Pearl to the bridge over Napa Creek, on its bid of $1,700.

STOCKTON, San Joaquin Co., Cal.—The City Council has awarded a contract to Paul & Caldwell of Stockton, for the improvement of Scotts Levee and South Madison street on their bid of $2,376.75.

SAN FRANCISCO—The Board of Public Works has awarded a contract ta T. A. Clark, 68 Post street, for $7,948.65 for the following work:

The De Montford avenue bet. Jules avenue and Miramar avenue be improved by grading; construction of concrete curbs; and 8-inch vitrified, salt-glazed, ironstone pipe sewer with 16 Y branches and 2 side sewers and 1 brick manhole, and by the construction of an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—The South San Francisco Land & Improvement Co., South San Francisco, has awarded a contract to the Western Sand & Rock Co. for street work, grading, etc., in the High School Park Subdivision. The work will cost approximately $7,000. (16112)

LONG BEACH, Las Angeles Co., Cal.—B. Z. Wucetich, 309 West Jefferson St., Los Angeles, has been awarded the contract at $29,984 for constructing sewers in California avenue, and in certain other streets and alleys. (15732) 1st report May 2; 2nd May

OLYMPIA, Wash.—The State Highway Commission has awarded contracts as follows: Clearing, grading and draining of the Pacific Highway from Bellingham south four miles, to Barbo Bros., Bellingham, Wash., at $18,150. Clearing, grading and draining, National Parks Highway between Nemah and the Nasel River, Pacific County, to Geo. A. Banderett, Seattle, at $25,023; two 50-foot concrete arches over Union Flat Creek, Whatcom County, to H. C. Mallott, Seattle, at $13,200. Contracts for other portions are pending.

OAKLAND, Cal.—The City Commissioners have awarded street contracts as follows:

To J. Catucci, 1230 18th Ave., Oakland, that a vitrified pipe sewer, having an internal diameter of 8 inches, be constructed as follows: beginning at a point on the existing sewer that crosses Yerba Buena avenue bt. 40th street and the eastern boundary line of the Town of Emeryville, distant 59 feet S measured at right angles, from the N line of Yerba Buena avenue and running thence E parallel to said N line of Yerba Buena avenue 174 feet to a point; also

That two vitrified pipe lampholes with tops of brick and cast iron, be constructed on said proposed sewer; also

That vitrifiefid pipe "Y" branches, having 5 inch openings, be constructed on said proposed sewer so as to provide one such branch for each 40 foot lot, and fractional lot remaining, into which the abutting property frontage on the S side of Yerba Buena avenue is capable of being divided.

To Bernard Ransome, 1st National Bank Bldg., Oakland:

For the grading, curbing with granite, guttering with a brick gutter, 14 inches wide, and paving with asphalt of the N half of Second street bet. lines parallel to and distant, respectively, 25 feet and 50 feet E from the E line of Brush street. (15560 & 61) 1st report Apr. 30, 1917.

STORES AND OFFICES.

SAN FRANCISCO—Stores, 1 story and base, brick. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, D. L. Randolph. Location, north O'Farrell west Mason, covering an area of 50 by 50 feet. Plans complete and figures being taken.

SAN FRANCISCO Market alteration, 1 story, frame. Cost not stated. Architects, Foulkes & Hildebrand, Crocker Bldg., S. F. Owner's name not given. Location, Polk and Broadway. Will will consist of interior and exterior work, plastering, painting, plumbing and electric work. Plans are being prepared.

MODESTO, STANISLAUS CO. CAL. Stores and offices, 2 story and base. Class C construction, $30,000 Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner represented by G. H. Umbsen Co., 20 Montgomery St., S. F. Location, northwest 11th and J streets, covering an area of 50 by 140 feet. Will contain eight stores. Plans complete and figures being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Store, 1 story, mezzanine and base, brick and steel, $20,000. Architect, William Binder, Binder Bldg., San Jose. Owners, Prune and Apricot Growers' Association. Location, southeast San Antonio and Market streets, covering an area of 40 by 137½ feet. Plans complete and figures to be taken at once.

LOS ANGELES, CAL. Stores and offices, 2 story and base, brick. Cost not stated. Architect, Arthur S. Heineman, San Fernando Bldg., L. A. Owner, T. Hagaman. Location, La Brea and Hollywood Boulevards covering an area of 65 by 140 feet. Plans are being prepared.

Contract Awarded.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. Susanna N. Van Nuys. Contractors, Alpeter, Hall & Alpeter, Ferguson Bldg., L. A. Contract price not stated.

THEATRES.

RICHMOND, CONTRA COSTA CO., CAL.—Theatre, 2 story and base, reinforced concrete, $75,000. Architect A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnken. Location, Ninth and Macdonald. Will seat 2,000 people. Excavating started. Bids to be called for in about one month.

LOS ANGELES, CAL. Theatre 3 story and base, Class A, reinforced concrete, $400,000. Architect, A. B. Rosenthal, Lankershim Bldg., L. A. Owner, Col. J. B. Lankershim, leased to Fred Miller. Location, east Main south Eighth, rovering an area of 90 by 183 feet. Plans are nearly complete.

BREMERTON, WASH.—Theatre, 2 story and base, reinforced concrete $75,000. Architect, Max Umbrecht, Arcade Bldg., Seattle. Owners, Osran Amusement Co. Will cover an area of 60 by 105 feet. Plans are being prepared.

Contract Awarded.

LODI, SAN JOAQUIN CO., CAL.—Theatre, 2 story and base, brick or reinforced concrete, $25,000. Architects, Stone & Wright, Stockton. Owners, Lodi Investment Co. Contractor, A. L. Philbrick, Oakland. Contract price, $25,000.

SEALED PROPOSALS

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1145 Office General Purchasing Officer, Panama Canal, Washington, D. C. Sealed bids are wanted until **June 2, 1917,** under circular 1145 for furnishing the following: School equipment, including desks, chairs, tables, clocks, etc.; 144 oval marine brushes, 15,000 feet plow-steel cable, 100 gross crayons, 24 panes glass, 191 pieces window glass, 72 pairs buckskin gloves, 1,000 feet rubber air hose, 500 feet rubber suction hose, 2,000 feet rubber water hose, 15,000 pounds concentrated lye, 575 pounds flax packing, 1,400 pounds rubber sheet packing, 1,000 pounds steam packing, 4,000 pounds metal polish, 20,000 pounds soap powder, 20,00 pounds salt-water soap, 102 steel tapes, 12 tarpaulins, 500 feet brass tubing, 400 feet copper tubing, 10,000 pounds flax twine, 6 angle valves, 132 valves, 3,000 feet plow steel flexible cable, 5,000 cross ties (No. 1), 12,000 yards crash toweling, 6 kettles, 42 stock pots, 3,000 pounds furnace cement, 144 water coolers, 1,000,000 paper cups, 500 link pine, 2,800 pounds rivets, 60 gross machine screws, and 10,000 pounds plate washers. For further information address EARL I. BROWN, maj., corps engrs., U. S. A., general purchasing officer.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals for the construction of 5.7 miles of main canal on the Fort Laramie unit, North Platte project, Nebraska-Wyoming, involving about 336,500 cubic yards of excavation, will be received at the office of the United States Reclamation Service, Fort Laramie, Wyo., until **2 o'clock p. m. June 6, 1917,** and will at that hour be opened. The work is located near the Bridgeport-Guernsey line of the C. B. & Q. Railway in the vicinity of Torrington, Wyo. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Fort Laramie Wyo. MORRIS BIEN, acting director.

PROPOSALS FOR CONSTRUCTION.

CONSTRUCTION — Proposals will be received by the Navy Department at U. S. Coast Guard headquarters, Washington, D. C., until **2 p. m. June 6, 1917,** and publicly opened immediately thereafter, for constructing Coast Guard Station No. 324 and accessories at Golden Gate Cal. Blank proposals, specifications and other information will be furnished upon application to the superintendent, thirteenth district, U. S. Coast Guard, custom house, San Francisco, Cal.; keeper, U. S. Coast Guard Station No. 324, San Francisco, Cal., or to U. S. Coast Guard headquarters, E. P. BERTHOLF, captain, commandant.

PROPOSALS FOR BRIDGE.

BRIDGE- Department of the Interior, National Park Service, Washington, D. C.,—Sealed proposals will be received in the office of the director of national parks until **2 p. m. Thursday, June 14, 1917,** and then opened, for the furnishing of all labor and material and performing of all work required to install complete and ready for service one cantilever truss timber bridge over Marble Fork of Kaweah River in Sequoia National Park, Cal., in accordance with plans and specifications, of which copies can be secured on application to the director or to Walter Fry, supervisor of said park, Three Rivers, Cal. The right is reserved to reject any or all bids, to waive technical defects or to accept one part and reject the other, as the interest of the government may require. Proposals must be securely enveloped, marked "Proposals for Bridge, Sequoia National Park," and be addressed to the director of national parks, Washington, D. C. BO SWEENEY, assistant secretary.

PROPOSAL FOR BIDS.

SEALED BIDS will be received at the office of the Comptroller, 220 California Hall, University of California, Berkeley, California, **at or before 10:00 A. M., May 26th, 1917,** for furnishing and installing shades for the University Hospital, Fourth and Parnassus Avenues, San Francisco, Cal.

Plans and specifications may be obtained at the Cashier's window at the Comptroller's Office on payment of a deposit of $10.00 for each set of plans and specifications taken out, which deposit will be refunded on return of said plans and specifications accompanied by regular bid of the work. No bids will be received unless accompanied by a certified check or bond in favor of the undersigned, equal to ten per cent of the bid, to secure execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

REGENTS OF THE UNIVERSITY OF CALIFORNIA. (*)

PROPOSAL FOR TRUSS TIMBER BRIDGE.

BIDS CLOSE JUNE 14 AT 2 P. M.

Construction complete of a cantilever truss timber bridge.

LOCATION, Over Marble Fork of Kaweah River in Sequoia National Park, California.

Owner, United States Government.

Engineer, Walter Frye Three Rivers, Cal.

Plans on file Walter Frye Three Rivers, Co.

(150(16)

GOVERNMENT BIDS WANTED.

SEALED PROPOSALS will be opened by the Lighthouse Inspector, San Francisco, Cal., at 2 o'clock P. M., June 12, 1917, for sale by the Lighthouse Service of scrap brass and iron, junk, machinery, electric motors, etc. Information upon applications to the above office.

Circular No. 289 Sealed proposals will be received at office of General Purchasing Agent Alaskan Engineering Commission, Seattle, Wash., not later than 11 A. M. May 28 1917 for furnishing one portable coal elevator and unloader. Copies of circular may be obtained upon application at the office Alaskan Engineering Co.

sion, 203 U. S. Custom-house, San Francisco, Cal. C. E. Dole, General Purchasing Agent.
(16026 and 16026-A)

**STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.**

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on May 28, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Yolo County, at Davis (III-Yol-6-A), an undergrade crossing with the Southern Pacific Railroad, including substructure for subway and about 1200 feet of Portland cement concrete pavement.

Solano County, between Batavia and Putah Creek (III-Sol-7-E), about 8.4 miles in length to be paved with Portland cement concrete.

Santa Barbara County, between Zaca Station and Los Alamos (V-S.B-2-C) about 9 miles in length to be paved with Portland cement concrete.

Tulare County, between ¼ mile west of Visalia and Tulare (VI-Tul-4-C), about 9 miles in length to be paved with Portland cement concrete.

Ventura County, between Santa Clara River and Ventura (VII-Ven-2-C), about 4 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contracts, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated, April 24, 1917.

**STATE OF CALIFORNIA.
DEPARTMENT OF ENGINEERING.**

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 4, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Shasta County, between Northerly boundary and Hazel Creek (II-Sha-3-D) about 11.2 miles in length to be graded.

Tulare County, between Southerly boundary and Earlimart (VI-Tul-4-A), about 6.6 miles in length to be paved with Portland cement concrete.

Tulare County, between Earlimart and Pixley (VI-Tul-4-A), about 5.9 miles in length to be paved with Portland cement concrete.

Los Angeles County, between Seeley's Ranch and a point near Acton (VII-L. A-23-D), about 10.6 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

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NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated, May 8, 1917.

NOTICE TO CONTRACTORS.

OFFICE Constructing Quartermaster, 1206 Pacific avenue, San Pedro, Cal.—Sealed proposals will be received here until **10:00 A. M., June 1, 1917,** and then opened, for furnishing and installing gas-fired heating systems in various buildings to be constructed at Fort MacArthur, Cal. Further information on application.

PROPOSALS FOR CRANES.

CRANES — Sealed proposals indorsed "Proposals for Shipbuilding Cranes" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 28, 1917,** and then and there publicly opened, for furnishing four 15-ton traveling, revolving, hammerhead, shipbuilding cranes at the navy yard, Puget Sound, Wash. Specification (No. 2374) can be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. F. R. HARRIS, chief of bureau.

PROPOSALS FOR ELEVATOR.

ELEVATOR—Sealed proposals indorsed "Proposals for Hydropneumatic Freight Elevator for Pearl Harbor" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 28, 1917,** and then and there publicly opened, for furnishing and delivering one hydropneumatic freight elevator, structural frame work and wire mesh inclosure complete at the naval station, Pearl Harbor, Hawaii. Drawing and specification (No. 2320) can be obtained on application to the bureau or to the commandant of the naval station named. F. R. HARRIS, chief of bureau.

MARTINEZ, Cal.—The Milliff Refining Company, which has been operating the old Warren Brothers' Refinery at Rodeo for several months past, has filed articles of incorporation here. The company is capitalized for $100,000, the president and general manager of the company being Frank A. Milliff of this city.

The other directors are John A. Milliff, Herman Hermansen, Edwin R. Sheldon and Sydney S. Lawrence.

Milliff for years was connected with the Associated Oil Company as superintendent of the Nevada docks station and later operated an independent refinery in the Lost Hills district. He is an oil man of many years experience and while making all of the by-products of oil will specialize in a number of brands of lubricants and greases which he has experimented with and which have been found by test to be of a high grade. The plant now employs upwards of 50 men, being entirely remodeled and rebuilt.

BIDS RECEIVED FOR MARE ISLAND WORK.

Lange & Bergstrom Present Low Bid For Navy Yard Hospital Extension At $17,774.

WASHINGTON, D. C., May 21st, 1917—Six sets of bids were opened today in the office of the Bureau of Yards & Docks for constructing a three-story frame extension to the present hospital building at Mare Island Navy Yard. The extension will cover an area of 50 by 40 feet. Lange & Bergstrom, Sharon Bldg., San Francisco, submitted the lowest bid at $17,774 and will probably be awarded the contract. Following is a complete list of the bids received:

Mare Island Hospital Extension.

Anderson & Ringrose	$19,270
Harvey A. Klyce	19,662
Lange & Bergstrom	17,774
L. G. Bergren & Sons	20,481
A. H. Vogt	18,984
William Knowles	20,267

MEET TO CONSIDER WAR PROGRAM.

WASHINGTON, D. C., May 18.—After being in session three days the Executive Committee of the Chamber of Commerce of the United States adjourned to meet at the capital again the middle of next week. The purpose of the gathering is to consider the program of the National Chamber in the war, and the committee will continue to sit as long as necessary to work this out. In the meantime there will be conferences with various government officials to ascertain exactly how the business men of the county may be of the most assistance at this time.

Joseph H. Defress, former president of the Chicago Association of Commerce, is the chairman of the committee. The members are R. Goodwyn Rhett, of Charleston, S. C., president of the National Chamber; John Joy Edson, of Washington, D. C.; R. T. Cunningham, of Fairmont, W. V., a glass manufacturer, A. I. Esberg, of San Francisco, vice president of the General Cigar Company; Homer L. Ferguson, president of the Newport News Shipbuilding and Dry Dock Co.; Edward A. Filene, of Boston, president of William A. Filene's Sons Company; L. S. Gillette, of Minneapolis, largest shareholder in the Minnesota Steel & Machinery Plant; E. T. Meredith, of Des Moines, publisher of Successful Farming; Lewis E. Pierson, of New York, chairman of the Board of Directors of the Irving National Bank; and F. A. Seiberling, of Akron, president of the Goodyear Tire & Rubber Company.

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1294	Angelesio	Angelesio	550
1295	S F Golf	Owner	65000
1296	Tranfield	Kronnick	900
1297	Buckley	Buckley	900
1298	Scholl	Fahien	500
1299	Bayse	Lamont	30000
1300	Newman	Newman	700
1301	Rosenberg	Braunton	34000
1302	Steed	Peterson	2473
1303	Whelan	Brady	7585
1304	Parr	Parr	—
1305	O'Connor	Lyden	3195
1306	Heydenaber	Gilmour	5000
1307	Dohrmann	Brandon	400
1308	Hertenstein	Hertenstein	500
1309	Waidman	Judson	600
1310	Brown	Brown	700
1311	Kraff	McGee	500
1312	Dempniak	Goldberg	1650
1313	Sperry Land	Duncan	33103
1314	Hoyt	James	6300
1315	Lutich	Lutich	1000
1316	Wells Fargo	Brumfield	450
1317	Lynch	Lynch	800
1318	Heath	Hoyt	100000
1319	Butte	Nelson	4284
1320	Walter	McMullin	3823
1321	Blackfield	Westerlund	2000
1322	Pacific G & E Co.	Bosch	4270
1323	Gump	Bos	33667
1324	Pratt	Rednall	480
1325	Malone	Horn	400
1326	Ench	Von Werder	500
1327	U R R	Owner	700
1328	Johnson	Janson	400
1329	Pasqualetti	Owner	700
1330	Watkins	Stockholm	900
1331	Rosenberg	Braunton	500
1332	Ham	Ham	50000
1333	Fenley	Fenley	2000
1334	Ruegg	Ruegg	2750
1335	American	Walker	3500
1336	Farish	Spargo	20750
1337	Anderson	Johnson	1200
1338	Murdock	Fennell	400
1339	Tiscornia	Owner	2500
1340	Koeing	Koenig	4000
1341	Same	Same	4000
1342	Fox	Coburn	6790

ADDITION
(1294) S QUESADA 150 E Quint. Add four rooms to dwelling.
Owner.....A. Angelesio, 2020 Quesada, San Francisco.
Architect .....None.
Day's work. COST, $550

FRAME CLUB HOUSE
(1295) RANCHO LAGUNA de la Merced. Two-story and basement frame and plaster club house.
Owner San Francisco Golf and Country Club, Ingleside.
Architect .....Geo. W. Kelham, Sharon Bldg., San Francisco.
Day's work. COST, $65,000

ALTERATIONS
(1296) NO. 2914 SACRAMENTO. Alter dwelling.
Owner.....Miss H. Tranfield, 1900 Bush San Francisco.
Architect .....None.
Contractor....Kronnick Bros., 1650 O'Farrell, San Francisco.
COST, $900

ALTERATIONS
(1297) W FREMONT 180 S Mission. Alter for stock and office rooms.
Owner.....M. S. Buckley, 561 Golden Gate Ave., S. F.
Architect .....None.
Day's work. COST, $900

ALTERATIONS
(1298) NO. 1101 COLE. Alter store.
Owner.....A. L. Scholl, Hotel Bernard, 344 Jones, S. F.
Architect .....None.
Contractor....W. & C. Fahien, 584 California, San Francisco.
COST, $500

BRICK APARTMENTS
(1299) N BUSH 165-6 W Mason. Four-story brick (32) apartments.
Owner.....J. K. Basye, 1431 Oxford, Berkeley.
Architect .....James J. Donnellan, 276 Bacon Blk., Oakland.
Contractor....J. J. Lamont, 354 63rd, Oakland.
COST, $30,000

FRAME SHED
(1300) S SEVENTEENTH 100 E Mission. One-story frame shed.
Owner.....Newman Furniture Co., Premises.
Architect .....None.
Day's work. COST, $700

FRAME RESIDENCE
(1301) N JACKSON 80 W Spruce. Three-story and basement frame residence and one-story frame garage in rear.
Owner.....Abraham Rosenberg, 334 California, San Francisco.
Architect .....Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor....Harold Braunton, 180 Jessie, San Francisco.
COST, $34,000

FRAME RESIDENCE
(1302) E FAXON AVE 225 S De Montford Ave. All work for one-story and basement frame residence.
Owner.....Andrew and Margaret I. Steed, Bon Air Apmnts, San Francisco.
Plans by Contractor.
Contractor....Antone Peterson or Petersen, 844 Guerrero, S. F.
Filed May 15, '17. Dated May 11, '17.
Frame up $ 466.66
Brown coated 466.67
Completed and accepted 466.67
Balance by Deed of Trust 1073.00
TOTAL COST, $2473.00
Bond, none. Limit, 70 days after May 15. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1303) NW TEHAMA 111 SW Eighth NW 75xSW 45. All work for alterations for two-story Class "C" addition to bakery.
Owner.....Richard I. Whelan, 795 Geary, San Francisco.
Architect .....Welsh & Carey, Merchants National Bk Bldg., San Francisco.
Contractor....M. V. Brady, Monadnock Bldg., San Francisco.
Filed May 15, 17. Dated Apr. 28, '17.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, $7585
Bond, $3793. Sureties, H. D. Nichols and Chas. A. Carillon. Limit, 60 days after notified to begin. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1304) W FORTY-SIXTH AVE 90 N Cabrillo 30x120. All work for two-story and basement frame residence.
Owner.....Albert Parr.
Architect .....None.
Contractor....Not Given.
Filed May 15, '17. Dated ——.
Payments not given
TOTAL COST, $——
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME APARTMENTS
(1305) NE BRODERICK AND PINE N 137-6 E 110 S 27-6 W 55 S 110 W 55. Lathing and plastering for three story and basement frame apartments.
Owner.....R. O'Connor, Ross, Cal.
Supt. .....J. C. Bateman, 593 Market, San Francisco.
Contractor....Lyden & Bickel, 269 Fell. San Francisco.
Filed May 15, '17. Dated Feb. 26, '17.
Deafening plastering and 75% of all brow coat plastering fiinished $700
All of above completed 500
75% of white coat plaster fiinished 500
Entire white coat finished and cementing, etc., finished and completed and accepted 695
36 days after 800
TOTAL COST, $3195
Bond, none. Limit, 30 days after notified. Forfeit, $20. Plans and specifications filed.

FRAME FLATS
(1306) E DOLORES 76-9 N Hildalgo Terrace. Two-story and basement frame (3) flats.
Owner.....Henry Heydenaber, 45 Richlhand Ave., S. F.
Designer Jas. E. McCarthy, 1340 Falcon Ave., S. F.
Contractor..Geo. D. Gilmour, 1953 Howard, San Francisco.
COST, $5000

ALTERATIONS
(1307) NO. 3636 WASHINGTON Extend brick porch.

Owner F. Dohrmann, Premises.
Architect T. Paterson Ross, 310 California, S. F.
Contractor Brandon & Lawson 180 Jessie, San Francisco.
COST, $400

FRAME BUILDING
(1308) E FLORIDA 100 S 16th. One-story frame manufacturing bldg.
Owner Mrs. R. Hertenstein, 311 Florida, San Francisco.
Architect .....None.
Contractor....H. A. Hertenstein, 311 Florida, San Francisco.
COST, $500

ALTERATIONS
(1309) NO. 1350 LA PLAYA. Alter basement for garage.
Owner.....A. Waidman, Premises.
Architect .....None.
Contractor....C. Judson, 1467 47th Ave., San Francisco.
COST, $600

FRAME DWELLING
(1310) E NINETEENTH AVE 75 N Ortega. One-story and basement frame dwelling.
Owner T. E. Brown, 1231 19th Ave., San Francisco.
Archihtect .....None.
Day's work. COST, $700

(1311) NO. 428 ELEVENTH. One-story frame stable.
Owner.....J. W. Kraff, Hayward, Cal.
Architect .....None.
Contractor....Jos. McGee, 1451 Hayes, San Francisco.
COST, $500

PAINTING
(1312) SW FELL AND OCTAVIA. Interior and exterior painting for three-story and basement frame apartments.
Owner..... Michael Dempniak, 1828 Hyde, San Francisco.
Architect .....None.
Contractor....S. Goldberg.
Filed May 16, '17. Dated Apr. 24, '17.
Inside and outside primed and ready to receive 1st coat of shellac $300.00
Inside woodwork finished and outside second coated..... 300.00
Completed and accepted..... 637.50
Usual 35 days..... 412.50
TOTAL COST, $1650.00
Bond, none. Limit, as soon as notified Forfeit, none. Plans and specifications, none

BRICK AND CONCRETE BLDG.
(1313) N GOLDEN GATE AVE 137-6 W Jones N 137-6xW 68-9. All work for two-story and basement brick and concrete building (stores and lofts.)
Owner.....The M. S. Sperry Land Co., 332 Pine St., S. F.
Architect .....Weeks & Day, 933 Phelan Bldg., San Francisco.
Contractor....W. C. Duncan & Co., Sharon Bldg., S. F.
Filed May 16, '17. Dated May 12, '17.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, $33,103
Bond, $16,551.50. Sureties, J. B. Leonard and Leon F. de Fremery. Limit, 120 days. Forfeit, none. Plans and specifications filed.

CONCRETE LOFT BUILDING
(1314) SW FIRST AND JESSIE. Plumbing and heating for five-story concrete loft building.
Contractor....H. P. Hoyt Co., Monadnock Bldg., S. F.
Architect .....None.
Sub-Contractor....James & Drucker, 450 Hayes, S. F.
Filed May 16, '17. Dated Apr. 30, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6300
Bond, limit, forfeit, plans and specifications, none.
Note—Owner in above Blanche T. Heath.

ALTERATIONS
(1315) NO. 2106 MARKET. Alter for restaurant.
Owner.....Y. Lutich, Premises.
Architect .....None.
Day's work. COST, $1000

ELECTRIC SIGN
(1316) NO. 116 OFARRELL. Electric sign.
Owner.....Wells Fargo Co., Prem...
Architect .....None.
Contractor....Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $450

ADDITION
(1317) NO. 560 GEARY. Add kitchen, wall beds, etc.
Owner.....Jeremiah Lynch, 425 Kearny, San Francisco.
Architect .....W. H. Crim Jr., 425 Kearny, San Francisco.
Day's work. COST, $800

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

CONCRETE LOFTS
(1318) SW JESSIE AND FIRST. Five-story and basement concrete lofts.
Owner.....Blanche T. Heath.
Architect .....None.
Contractor...H. P. Hoyt Co., Monadnock Bldg., S. F.
COST, $100,000

FRAME RESIDENCE
(1319) N WASHINGTON 127 E Arguello Boulevard E 25xN 127-4. All work for two-story and basement frame residence.
Owner.....Paul C. Butte, 683 Howard San Francisco.
Architect .....Chas. F. Strothoff, 2276 15th, San Francisco.
Contractor....Emil Nelson, 430 26th Ave., San Fsancisco.
Filed May 17, '17. Dated May 16, '17.
Grading and concrete work done and 2nd story joists set and roof on $1071
Brown coated 1071
Accepted 1071
Usual 35 days..... 1071
TOTAL COST, $4284
Bond, $2142. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME SHOP
(1320) N CLEMENTINA 150 W First W 25xN 80. All work for two-story and basement frame shop building.
Owner.....George Wolters, 3028 Washington, S. F.
Architect .....C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor....C. E. McMullin, 110 Jessie San Francisco.
Filed May 17, '17. Dated May 15, '17.
Ready for roofing.....$1400
Completed and accepted..... 1467
Usual 35 days..... 956
TOTAL COST, $3823
Bond, $1912. Sureties, J. H. McCallum and E. O. Benner. Limit, 40 days after May 21. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1321) E SHOTWELL nr 18th No. 337 Shotwell. All work for alterations and additions to frame building (store and living rooms.)
Owner.....B. Blackfield, Premises.
Architect .....None.
Contractor....Jno. Westerlund, 3159 Folsom, San Francisco.
Filed May 17, '17. Dated May 17, '17.
When underpinned and floor joists on $500
Rough plaster on..... 500
Building completed 500
Usual 35 days..... 500
TOTAL COST, $2000
Bond, $1000. Sureties, P. M. Levey and H. C. Hagenson. Limit, 60 days. Forfeit, none. Plans and specifications filed.

PLASTERING WORK
(1322) SE NINETEENTH AND LEXington E 80xS 85. Plastering work for Station "E."
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect .....None.
Contractor....Hermann Bosch, 110 Jessie, San Francisco.
Filed May 17, '17. Dated .....
Upon completion 75%
Usual 35 days..... 25%
TOTAL COST, $4270
Bond, $2150. Surety, Guardian Casualty & Guaranty Co. Limit, 35 working days. Forfeit, none. Plans and specifications filed.

FACTORY BUILDING.
(1323) SW PACIFIC and Trenton Place. All work for a three-story and basement Class C factory building.
Owner.....S. and G. Gump Co., 246 Post, S. F.
Architect.....Milton Lichtenstein, 111 Ellis, S. F.
Contractor....Bos & O'Brien, Hearst Bldg., S. F.
Filed May 17, '17. Dated May 16, '17.
Joists set and concrete poured up to 1st floor $5050
Third floor joists set and concrete up to 3rd floor..... 5050
Entire frame poured 5050
Roof on 5050
Completed and accepted 5050
Usual 35 days 8417
TOTAL COST, $33,667
Bond, $16,833.50. Sureties, Massachusetts Bonding and Insurance Co. Forfeit $25; bonus, $25. Limit, September 1, 1917. Plans and specifications filed.

ALTERATIONS
(1324) S FILBERT 150 E Broderick. Alter basement garage.
Owner.....Mrs. Fannie Pratt, 2319 Filbert, San Francisco.
Arcritect .....None.
Contractor....W. W. Rednall, 2500 Filbert, San Francisco.
COST, $480

ADDITION
(1325) NO. 66 MERRITT. Add to dwelling.
Owner.....S. G. Malone, Premises.
Architect .....None.
Contractor....Chas. Horn, 237 States, San Francisco.
COST, $400

ALTERATIONS
(1326) TENTH AND FOLSOM. New floor and partitions.
Owner.....Frank Ench, 2535 10th Ave., Oakland.
Architect .....None.
Contractor....C. H. Von Werder, 3524 14th Ave., Oakland.
COST, $500

REPAIRS
(1327) SW TURK AND WEBSTER. Repair wagon shed.
Owner.....United Railroads, 58 Sutter, San Francisco.
Architect .....W. B. Farlow, 58 Sutter, San Francisco.
Day's work. COST, $700

REPAIRS
(1328) NO. 1246 NEWCOMB. Repair dwelling.
Owner.....Alice W. Johnson, Prem.
Architect .....None.
Contractor....Lars Janson.
COST $[illegible]

ALTERATIONS
(1329) NO. 309 BAY. Cement floor and enlarge lightwell.
Owner G. E. Pasquale[illegible], [illegible] Hardwood Alley, S.
Architect .....None.
Day's work. COST, $700

FRAME GARAGE
(1330) NO. 3 TWENTY-FIFTH AVE. One-story frame garage.
Owner Dr. James T. Watkins, Union Square Bldg., S. F.
Architect .....Willis Polk, Hobart Bldg San Francisco.
Contractor....Stockholm & Allyn, Monadnock Bldg., S. F.
COST, $900

CONCRETE FOUNDATION
(1331) N JACKSON 80 W Spruce. Concrete foundation.
Owner.....A. Rosenberg.
Architect .....Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor....Harold Braunton, 180 Jessie, San Francisco.
COST, $500

FRAME APARTMENTS
(1332) NE EUCLID AVE AND Arguello Blvd. Two-story and basement frame (10) apartments.
Owner.....Lloyd B. Ham, 75 Sutter, San Francisco.
Architect .....None.
Day's work. COST, $20,000

REPAIRS
(1333) E FRANKLIN 75 S Vallejo. Repair fire damage to dwelling.
Owner.....Mary Fenley, 2380 Franklin, San Francisco.
Architect .....None.
Day's work. COST, $200

FRAME DWELLING
(1334) W TWENTY-FOURTH AVE 115-4 N Balboa. One-story and basement frame dwelling.
Owner.....Leo J. Ruegg, 719 Pacific Bldg., San Francisco.
Architect .....None.
Contractor...Ruegg Bros., 719 Pacific Bldg., San Francisco.
COST, $2750

RETAINING WALL
(1335) SE CALIFORNIA & MONTgomery. Construct retaining wall.
Owner.....American National Bank, Merchants' Ex. Bldg., San Francisco.
Architect .....Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor....P. J. Walker Co., 1073 Monadnock Bldg., S. F.
COST, $3500

STORE AND OFFICE BLDG.
(1336) S O'FARRELL 55 E Mason, 15x87-6. All work for a three-story and basement reinforced concrete Class C store and office building.
Owner.....John B. Farish, 58 Sutter, S. F.
Architect.....Heiman & Schwartz, 212 Stockton, S. F.
Contractor....John Spargo, 240 Montgomery, S. F.
Filed May 18, '17. Dated May 15, '17.
Concrete frame completed.....$5187
Brown coated 5187
Completed and accepted 5187
Usual 35 days ..... [illegible]
TOTAL COST, $20,750
Bond, $10,375. Sureties, Frank O'Shea and E. P. Shortall. Forfeit, none. Limit, 90 days. Plans and specifications filed.

FRAME FLATS
(1337) E TWENTIETH AVE 200 N Geary. Two-story and basement frame (2) flats.
Owner Jonathan Anderson, 123 16th Ave., San Francisco.
Architect .....None.
Contractor Alfred Johnson, 133 24th Ave., San Francisco.
COST, $4200

UNDERPIN DWELLING
(1338) W GOUGH 50 S Green. Underpin dwelling.
Owner.....H. Murdock, 425 Kearny, San Francisco.
Architect .....None.
Contractor....Jas. S. Fennell, 180 Jessie San Francisco.
COST, $400

FRAME DWELLING
(1339) W TWENTY-SECOND AVE 150 S Lincoln Way. Two-story and basement frame dwelling.
Owner.....Domonic Tiscornia, 2 Meda Ave., San Francisco.
Architect .....None.
Day's work. COST, $2500

FRAME RESIDENCE
(1340) E FUNSTON AVE 197-6 N Cabrillo. Two-story and basement frame residence.
Owner.....Margaretha Koenig, Care Architect.
Architect .....Koenig & Christiansen, 914 Humboldt Bank Bldg.,
Day's work. COST, $4000

FRAME RESIDENCE
(1341) E FUNSTON AVE 170 N Cabrillo. Two-story and basement frame residence.
Owner.....Margaretha Koenig, Care Architect.
Architect .....Koenig & Christiansen, 914 Humboldt Bank Bldg.,
Day's work. COST, $4000

FRAME STORE
(1342) SE NINTH AVE AND IRVING S 75xE 60. All work for one-story frame store building.
Owner.....Johanna Fox, 876 Ashbury, San Francisco.
Architect .....Alfred Henry Jacobs, 110 Sutter, San Francisco.
Contractor....Ira W. Coburn, 180 Jessie, San Francisco.
Filed May 19, '17. Dated May 18, '17.
When interior and exterior receives 1st coat plaster.....$1697.50
Final coat plaster on interior and exterior 1697.50
Upon completion 1697.50
Usual 35 days..... 1697.50
TOTAL COST, $6790.00
Bond, $6790. Surety, London & Lancashire Indemnity Co. Limit, Aug. 18. Forfeit, none. Plans and specifications filed.

LEASE.

San Francisco County.

May 16, 1917—S Broadway between Grant Ave and Stockton. Strand Theatre Co to Mimi Imperator. 20 weeks. $158 per week.
May 16, 1917—SE GRANT AVE AND Hinckley Nos. 1228-1230 Grant Ave. Pierre Urrere Pon & Jean B Urrere Pon to Carl Boggiano. 5 years. $8400.
May 16, 1917—W SIXTH AVE 100 S Clement S 100xW 120. Richmond Theatre Co to Photo Play Co. 5 years 3 months. $33,300.
May 17, 1917—SW EIGHTH 130 SE Market SE 40xSW 75. Mary Evelyn Molloy to Builders' Supply Depot. 5 years. $75 per month.
May 15, 1917—S EDDY 137-6 E Mason E 68-9 S 145 SW 85 N 194-11⅛. James and Anna Hansen to Fred Sturm and Kate Mason. Feb. 21, 1919. $3238.90.

NOTICE OF NON-LIABILITY.

May 18, 1917—W DEVISADERO 107-6 N Oak N 30xW 131-3. Gerald Mish and Julia Kahn as to improvements on leased property.

NOTICE OF NON-RESPONSIBILITY.

San Francisco County.

May 14, 1917—SW GOLDEN GATE Ave & Octavia. C and E Monet as to improvements on leased property

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
May 12, 1917—S TINGLEY 25 E Alemany Ave E 47-6 S 100 W 54-4⅜ N 100-2¼. Joseph Risso to L Dioguardi and Charles Terranova.....May 10, 1917
May 12, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to M A De Lew....May 10, 1917
May 12, 1917—LOT 6 BLK "G" Silver Terrace. Homestead Realty Co to Wm H Crahn.....May 8, 1917
May 14, 1917—E LEAVENWORTH 127-6 S Eddy S 25xE 87-6. E T Osborn to Monson Bros..May 10, 1917
May 14, 1917—N ANZA 57-6 W 22nd Ave W 25xN 100. Walter R Snell to whom it may concern..May 14, '17
May 14, 1917—NW HOWARD 150 SW 8th SW 25x90. Fred W Banks. Lessee; Mar F Tierney, owner to C Trefiletti.....Apr. 28, 1917
May 14, 1917—NW TWELFTH AND Kissling N 21-6xE 87-6. Mary J O'Keefe to William M Reedy.....May 14, 1917
May 14, 1917—W FILLMORE 91 N Geary N 34xW 135. The Robert White Co to L A Secor....May 7, 1917
May 14, 1917—NE BISMARK 350 SE Rhine SE 37-6xNE 100 Lot 38 and Ptn Lot 37 Blk "K," Mission St. Land Co. Albert A Hemmen to John B Garofalo.....May 14, 1917
May 14, 1917— E GRANT AVE 77-6 N Bush 30x80. H Heskins to J Spargo.....May 12, 1917
May 14, 1917—N SACRAMENTO 75 W Drumm W 62-6xN 119-6. George A Webster to Sibley Grading & Teaming Co.....Apr. 30, 1917
May 14, 1917—S GREEN 171 W Divisadero S 137-6xW 34. Cordelia B Alderson to Wm Martin.....May 7, 1917
May 14, 1917—NE CALIFORNIA & Eighth Ave N 90-11¼ E 32-6 S 86-9 ⅛ SW 32-8. Jos V De Ryana to J Goldstein and H H Weider.....May 12, 1917
May 14, 1917 SE RANDALL AND Chenery E 98 S 28-2 W 107.40 — 30 M J Collonan to A Klahn & Son.....May 14, 1917
May 14, 1917—S MISSION 121 E 9th E 34-11xS 85. E T Osborn to Monson Bros.....May 10, 1917
May 15, 1917—W FIFTH AVE 109.38 S Cabrillo S 25xW 120. E A Janssen to whom it may concern.....May 17, 1917
May 15, 1917—NE TWENTIETH & Illinois. Union Iron Works to Pacific Rolling Mill Co..May 10, 1917
May 15, 1917—S LAKE 32-6 E 20th Ave E 25x100. Lloyd B Ham to whom it may concern....May 14, 1917
May 15, 1917—N CABRILLO 71-4 W 19th Ave W 25xN 92. Wm A Miller to whom it may concern..May 12, '17
May 15, 1917—SE SAN CARLOS & Sycamore E 30xS 60. Antonio Cuneo to whom it may concern.....May 15, 1917
May 15, 1917—NE SACRAMENTO & Webster N 255-4½xE 275. The Board of Trustees of the Leland Stanford Junior University to Clinton Constr Co.....May 1, 1917
May 16, 1917—E TWENTY-THIRD Ave 300 N Geary N 25x120. John F Renstrom to whom it may concern.....May 15, 1917
May 16, 1917—N JACKSON 72-1 W Franklin W 50xN 127-8¼. Meyer Wood to John Fay.....May 7, 1917
May 16, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to John Fay.....May 7, 1917
May 16, 1917—S WASHINGTON 115 -6 W Leavenworth — 24-11½ S 60 E 24-11½ N 60. W C Oesting to Brutcher & Serna.....May 15, 1917
May 16, 1917—E MISSION 120 S 23rd 40x122-6. I D and F Klopstock to J S Malloch....May 11, 1917
May 17 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to H L Petersen.....May 11, 1917
May 17, 1917—NOS. 12-14-16 FAIRmount Ave. Fred Weiss to Fred Warden.....May 16, 1917
May 17, 1917—S MARKET 75 W 8th W 200 —. James Otis Trustee to Troy Laundry Machine Co.....May 14, 1917
May 17, 1917—LOT 17 BLK 22 Crocker Amazon Tract. Julius and Maria A Rudolph to Victor Holmgren.....May 17, 1917
May 17, 1917—NW TWENTY-SIXTH and Mission. Amson Reinhart to Higginson Co, Inc.....May 15, 1917
May 17, 1917—N CLIFFORD 134-7¼ E Upper Terrace E 27-6 N 84-5⅜ W 25 S 86-3½ Lot 64 Corona Heights. J C Johnson to Oscar Swanson .....May 17, 1917
May 18, 1917—E FIFTH AVE 453 N Lake E 120xN35. Nathan Delbanco to Paul K. Jones.....May 18, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT
May 14, 1917—S McALLISTER 137-6 W Fillmore W 26-2 S 127-6 E 3-8 S 10 E 22-6 N 137-6. B J Walsh, $35; Jas Lee, $51 vs Milton T Lee, Theresa E Lee and Daniel A Mc-
May 18, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Central Iron Works vs. Brodie Iron Works and M. Wood.....$80.21

May 18, 1917 -N JACKSON 132-1 W Franklin W 60 N 127-8¼ E 60 S 127-8¼. Central Iron Works vs. Brode Iron Works and Mrs. G. L. Peyser $80.21

May 18, 1917—LOTS 3 TO 7 BLK 12, Tct A, People's Homestead. Howard C. Scott, $25.50; Edmond Scott $21.50 vs. G. Lercari, Jane Doe Lercari, M. Scott $22.50

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
963	Mills	Arlett	102500
964	Gilpin	Schnebly	17607
966	Johnson	Hart	1000
967	Frank	Frank	450
968	Geitner	Pfrang	2500
973	Wheeler	Stockholm	21650
974	Emmons	Scott	1414
975	Harvey	Glasson	500
976	Rafael	Rafael	1000
977	Campomenosi	Owner	400
978	Anderson	Anderson	1500
979	Pratt	Pratt	7500
988	Proudley	Anderson	725
989	Alberto	Legault	1600
990	Herrold	Herrold	700
992	Metcalf	Shrader	752
993	Garthwaite	Thompson	425
994	Audiffred	Nelson	10299
995	Patty	Patty	800
996	Muller	Muller	2500
997	Cherry's	Novelty	400
1001	Hollsted	Hollsted	2000
1002	Nat'l Shirt	Fink	1000
1003	Eva	Cameron	2850
1004	De Bonis	Rose	500
1005	White	White	4500
1006	Abrahamson	Pedgrift	5742

DORMITORY
(963) NW LAND MILLS COLLEGE Map Ppty Mills College 575 NE Mabel Ave NE 30xNW 275, Oakland. All work for two and three-story and basement dormitory.
Owner.....Mills College, Premises.
Architect.....Bakewell & Brown, 251 Kearny, San Francisco.
Contractor....Arthur Arlett, Call Bldg., San Francisco.
Filed May 14, '17. Dated May 14, '17.
Payments by owner.....
TOTAL COST, not over $102.500
Bond, $52,000. Surety, Aetna Accident & Liability Co. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.
NOTE:—Percentage job (5%)

CONCRETE GARAGE
(964) NE BROADWAY & ORCHARD Oakland. All work except electric work and fixtures for concrete garage.
Owner.....May B. Gilpin and Hattie Bowen, 2938 Webster St., Oakland.
Architect.....A. W. Smith, 1010 Broadway, Oakland.
Contractor....Schnebly & Hostrawser, 6th and Jackson, Okd.
Filed May 14, '17. Dated May 9, '17.
First and 15th each month..... 75%
Usual 35 days 25%
TOTAL COST, $17,607
Bond, Sureties, Forfeit none. Limit, 60 days. No plans or specifications filed.

DWELLING
(966) N E-THIRTY-FOURTH 100 E 13th Ave., Oakland. One-story four-room dwelling.
Owner M. A. Johnson, 1318 E-34th, Oakland.
Architect .....None.
Contractor....J. G. Hart, 1724 24th Ave., Oakland.
COST, $1000

ALTERATIONS
(967) NO. 8420-22 E-FOURTEENTH, Oakland. Alterations.
Owner. ..... C. G. Frank, 9401 E-14th, Oakland.
Architect .....None.
Day's work. COST, $450

DWELLING
(968) E SHAFTER AVE 200 N 41st, Oakland. One-story 5-room dwlg.
Owner.....W. Geitner.
Architect .....None.
Contractor....C. J. Pfrang, 5487 Claremont Ave., Oakland.
COST, $2500

DWELLING
(973) CROCKER AVE., Piedmont. All work for two-story and basement frame dwelling.
Owner.....Mrs. William M. Wheeler, 2425 Ridge Road, Berkeley.
Architect.....Bliss & Faville, Balboa Bldg., S. F.
Contractor....Stockholm & Allyn, Monadnock Bldg., S. F.
Filed May 15, '17. Dated May 10, '17.
Frame up ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $21,650
Bond, Sureties, none. Forfeit, $5. Limit, September 15. Plans and specifications filed.

(974) E BROADWAY 80 N 23rd St., 87x43-6, Oakland. Carpenter, mill, plastering, electric wiring, plumbing, painting and glazing for one-story brick building now standing.
Owner.....G. W. Emmons Co., San Francisco.
Architect.....B. G. McDougall, Sheldon Bldg., S. F.
Contractor....G. A. Scott, 685 23rd, Oakland.
Filed May 15, '17. Dated May 14, '17.
Completed and accepted.....$1060.50
Usual 35 days 353.50
TOTAL COST, $1,414
Bond, Sureties, none. Forfeit, $10. Limit, 20 days. Plans only filed.

ADDITION
(975) NO. 5858 FOOTHILL BLVD., Oakland. Addition.
Owner.....Geo. F. Harvey, Premises.
Architect .....None.
Contractor....C. H. Glasson, 1441 61st Ave., Oakland.
COST, $500

ALTERATIONS
(976) SW TWENTY-EIGHTH AND Grove, Oakland. Alterations.
Owner.....J. Rafael, 15 Napier, Okd
Architect .—None.
Day's work. COST, $1000

ADDITION
(977) NO. 5238 LAWTON AVE., Oakland. Addition.
Owner E. Campomenosi, 5171 Miles Ave., Oakland.
Architect None
Day's work. COST, $400

DWELLING
(978) S SIXTY-THIRD 30 E Lowell, Oakland. One-story 5-room dwlg.
Owner A. T. Anderson, 3625 Brookdale Ave., Oakland.
Architect .....None.
Day's work. COST, $1500

APARTMENTS
(979) SE FORTIETH AND SHAFTER Ave., Oakland. Two-story 11-room apartments and stores.
Owner.....H. S. Pratt, 1015 Glendora Ave., Oakland.
Architect .....None.
Day's work. COST, $7500

ADDITION
(988) NO. 3656 RHODA AVE., Oakland. Addition.
Owner.....F. Proudley, 1536 Pacific, San Francisco.
Architect .....None.
Contractor....Andrew Anderson, 3030 Arkansas, Oakland.
COST, $725

ALTERATIONS
(989) NE NINTH AVE AND E-21st, Oakland. Alter dwelling into apartments.
Owner.....Mrs. I. Alberto, Premises.
Architect .....None.
Contractor....Alfred Legault, 3929 West Oakland.
COST, $1600

PORTABLE HOUSE
(990) CERRETO — 100 N Maine, Albany. Portable house.
Owner.....Chas. Herrold.
Architect .....None.
Day's work. COST, $700

REPAIRS
(992) NO. 258 FIFTY-FOURTH ST., Oakland. Fire repairs.
Owner.....W. G. Metcalf, Premises.
Architect.....None.
Contractor....J.. F. Shrader, 520 16th St., Oakland.
COST, $752

ADDITION
(993) NO. 641 EL DORADO AVE., Oakland. Addition.
Owner.....W. W. Garthwaite, Prem.
Architect.....None.
Contractor....E. S. Thompson & Son, 3650 Broadway, Oakland.
COST, $425

GARAGE
(994) SE FOURTH and Jefferson Sts., Oakland. One-story concrete garage.
Owner.....Audiffred Estate Co., Oakland.
Architect.....None.
Contractor....Nelson & Forsyth, 565 16th St., Oakland.
COST, $10,299

WAREHOUSE
(995) W THIRTY-FIFTH AVE 150 S E-10th St.., Oakland. Two-story warehouse.
Owner.....S. M. Patty, 901 35th avenue, Oakland.
Architect.....None.
Day's work. COST, $800

PACKING HOUSE
(996) N SECOND ST., 50 E Grove St., Oakland. One-story brick packing house.
Owner.....Muller Bros., 2nd and Grove Sts., Oakland.
Architect.....None.
Contractor....F. A. Muller, Syndicate Bldg., Oakland.
COST, $2500

ELECTRIC SIGN
(997) NO. 567 FOURTEENTH ST., Oakland. Electric sign.
Owner.....Cherry's, Premises.
Architect.....None.
Contractor....Novelty Electric Sign Co., 165 Eddy St., S. F.
COST, $400

DWELLING
(1001) S VALLA VISTA AVE 100 E Santa Clara, Oakland. One-story 5-room dwelling.
Owner.....M. Hollsted, 1009 E-14th, Oakland.
Architect .....None.
Day's work. COST, $2000

ALTERATIONS
(1002) NE TWELFTH AND WASHington, Oakland. Alterations.
Owner.....National Dollar Shirt Co., New York.
Architect .....None.
Contractor....Fink & Schindler Co., 218 13th, San Francisco.
COST, $1000

BRICK GARAGE
(1003) SE TWENTY-NINTH AND Webster, Oakland. One-story brick garage.
Owner.....S. J. Eva & H. T. Harper, 400 Welsh Bldg., S. F.
Architect .....None.
Contractor....H. C. Cameron, 5619 Dover, Oakland.
COST, $2850

ALTERATIONS
(1004) NO. 1048 E-SIXTEENTH, Oakland. Alterations and addition.
Owner.....J. De Bonis, Vallejo, Cal.
Architect .....None.
Contractor....A. H. Rose & Co., 545 37th, Oakland.
COST, $500

DWELLING
(1005) SW FORTY-SECOND AND Emerald, Oakland. Two-story nine-room dwelling.
Owner.....Thos. White, 414 36th, Oakland.
Architect .....None.
Day's work. COST, $4500

BRICK GARAGE
(1006) SW TWENTY-SIXTH AND Broadway W 119-9 S 31-7 E to Broadway N 32-6¾, Oakland. All work except electric work, electric fixtures, painting, white washing, tinting, glass and glazing for one-story brick garage.
Owner.....Hugo Abrahamson, 1444 San Pablo Ave., Oakland.
Architect .....F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor....James H. Pedgrift, 565 16th, Oakland.
Filed May 18, '17. Dated May 18, '17.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5742
Bond, $2871. Surety, Massachusetts Bonding & Insurance Co. Limit, 45 days from May 21. Forfeit, $10. Bonus, $10. Plans and specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
962	Cutter	Sattin	800
969	Guarneri	Guarneri	800
970	Clge Ave M E Ch.	Thaxter	1000
972	Hale	Bertelsen	7254
986	Wright	Rankin	8000
987	Hunter	Engler	5000
991	Parker	Engler	3000
998	Miller	Miller	1400
999	Freman	Kidder	500
1000	Baker	Baker	1300

BRICK INCINERATOR
(962) FOURTH AND PARDEE, Berkeley. Brick incinerator.
Owner.....Cutter Laboratory, Prem.
Architect .....None.
Contractor....H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $800

ALTERATIONS
(969) NO. 1618 KAINS AVE., Berkeley. Alterations.
Owner.....M. Guarneri, 1414 Kains Ave., Berkeley.
Architect .....None.
Day's work. COST, $800

ALTERATIONS
(970) NE RUSSELL AND COLLEGE Ave., Berkeley. Alterations.
Owner.....College Ave. M. E. Church
Architect .....None.
Contractor....F. W. Thaxter, 3033 Regent, Berkeley.
COST $1000

DWELLING
(972) LOT 1 BLK D, Map Hopkins Terrace, Berkeley. All work for one and one-half story and basement dwelling except painting and electric work.
Owner.....W. A. and Jennie L. Hale, 1345 Arch St., Berkeley.
Architect.....Alexander A. Cantin, 68 Post, S. F.
Contractor....S. J. Bertelsen, 565 16th, Oakland.
Filed May 15, '17. Dated May 15, '17.
Frame up and rafters in place.... ¼
Ready for plaster ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $7,254
Bond, $3,627. Sureties J. C. Nielsen and F. E. Nelson. Forfeit, $5. Limit, 100 days. Plans and specifications filed.

CLASS "C" STORES
(986) W SHATTUCK AVE 55 N Addison, Berkeley. One-story Class "C" stores.
Owner.....J. G. Wright, 2001 Francisco, Berkeley.
Architect .....None.
Contractor....S. G. Rankin, 712 Haddon Road, Oakland.
COST, $8000

DWELLING AND GARAGE
(987) E WALNUT 120.31 N Eunice, Berkeley. Two-story 8-room dwelling and garage.
Owner.....R. S. Hunter, 2309 Russell, Berkeley.
Architect .....Wright & Rushforth, 35 Pine, San Francisco.
Contractor....Louis Engler, 2435 College Ave., Berkeley.
COST, $5000

ADDITION
(991) NO.. 2721 CHANNING WAY, Berkeley. Addition and repairs to three-story sorority house.
Owner.....Captain Parker, 2715 Channing Way, Berkeley.
Architect .....None.
Contractor....Louis Engler, 2435 College Ave., Berkeley.
COST, $3000

DWELLING
(998) W KAINS AVE 275 S Gillman, Berkeley. One-story 5-room dwelling.
Owner.....G. M. Miller, 920 Inyo, Berkeley.
Architect.....None.
Day's work. COST, $1400

ADDITION
(999) NO. 2414 GROVE ST., Berkeley. Addition.
Owner.....Freeman & Cox, 2412 Grove St., Berkeley.
Architect.....None.
Contractor....H. C. Kidder, Room 115, 2108 Shattuck Ave., Berkeley.
COST, $500

DWELLING
(1000) SW MABEL and Derby Sts., Berkeley. One-story 5-room dwelling.
Owner.....W. J. Baker, 540 28th St., Oakland.
Architect.....None.
Day's work. COST, $1300

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
965	Rasmussen	Schmidt	3600
971	Ala. Svgs. Bk.	Hayes	27441
980	Emmons	Scott	1000
981	West End	Mehrtens	1400
982	Masters	Shaw	500
983	Kitterman	Smith	400
984	Schmidt	Schmidt	400
985	Collischhoun	Collischoun	500

FRAME DWELLING
(965) NO 1417 BAY STREET, Alameda. All work for one-story six-room and basement frame dwelling.
Owner.....H. R. Rasmussen, 1415 Bay, Alameda.
Architect.....None.
Contractor....Peter N. Schmidt, 565 16th, Oakland.
Filed May 14, '17. Dated May 11, '17.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3,600
Bond, Sureties, none. Forfeit, $5. Limit, 75 days from today. Plans and specifications filed.

BANK
(971) SE WEBSTER ST AND SANTA Clara Ave S 70xE 140, Alameda. All work for one-story reinforced con-

crete bank except finish hardware, interior glass and electric fixtures.
Owner ... Alameda Savings Bank, Park and Central avenue, Alameda.
Architect. .... Edward T. Foulkes, Crocker Bldg., S. F.
Contractor....W. W. Hayes and H. J. Oser, 424 New Call Bldg., San Francisco.
Filed May 14, '17. Dated May 7, '17.
10th of each month 75%
Completed 75%
Usual 35 days 25%
TOTAL COST, $27,441
Bond, $13,720.50. Sureties Morris Oser and W. L. Oser. Forfeit, none. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(980) NO. 891 UNION, Alameda. Alterations
Owner.....G. W. Emmons, Premises
Architect .....B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor....G. H. Scott, 685 23rd, Okd.
COST, $1000

DWELLING
(981) NO. 1611 NINTH, Alameda. One-story 4-room dwelling.
Owner.....West End Bldg. Ass'n., 1536 Webster, Alameda.
Architect .....None.
Contractor....H. G. Mehrtens, 1536 Webster, Alameda.
COST, $1400

BATH ROOMS
(982) NO. 456 CENTRAL AVE., Alameda. Bath rooms.
Owner.....G. H. Masters, Premises.
Architect .....None.
Contractor....E. Shaw, 5th and Central Ave., Alameda.
COST, $50[illegible]

ALTERATIONS
(983) NO. 2142½ CLINTON AVE., Alameda. Alterations.
Owner.....J. Kitterman, 855 Cedar, Alameda.
Architect .....None.
Contractor....C. M. Smith, 3406 35th Ave., Oakland.
COST, $400

ALTERATIONS
(984) NO. 1059 SANTA CLARA AVE., Alameda. Alterations.
Owner.....G. L. Schmidt, Premises.
Architect .....None.
Day's work. COST, $400

ADDITION
(985) NO. 1108 REGENT, Alameda. Addition.
Owner.....O. Collischonn, Premises.
Architect .....None.
Day's work. COST, $500

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
May 12, 1917—N EIGHTEENTH 50 W Chestnut being No. 1114. Okd. Ida Barnett Schwartz by C M Griffin to C M Griffin....Apr. 18, 1917
May 14, 1917—LOT 45 Map Lakewood Park Tract being E Windsor Ave 40x100, Piedmont. James J Granville to whom it may concern.....May 11, 1917
May 15, 1917 E FOOTHILL BLVD beginning at 108th Ave, San Leandro. I. W. Hellman, Jr., to J. M. Boga May 9, 1917
May 15, 1917—LOT 15 BLK D, Sheet No. 1, Map Excelsior Heights, Oakland. Noah Adams to whom it may concern. .....May 12, 1917
May 15, 1917—N SEVENTEENTH St 125 E Grove St, E 25xN 100, Oakland. Taft & Pennoyer, Inc., to F. E. Nelson, J. W. Eber, Cederborg & Anderson, Oscar Zeis.....
.....May 5, 1917
May 15, 1917—LOT 61, Map Nova Piedmont, Piedmont. C. F. Zamlock to Alfred Cords.....May 12, 1917
May 15, 1917—SW COLUSA AVE 499.70 NW Portland Ave NW 40x SW 100, Oakland Township. Clara F. and Wm. C. Mason to whom it may concern .....May 14, 1917
May 16, 1917—W SHATTUCK AVE 112 S University Ave., Berkeley. W. H. Heywood by James W. Plachek to H. E. Franks.....
..... May 9, 1917
May 16, 1917—W EATON AVE 178.6 N Claremont Ave., No. 3132, Berkeley. Lizzie P. Evans to whom it may concern.....May 17, 1917
May 17, 1917—NO. 711 WALKER AV being Lot 23, Map Piedmont by the Lake, Oakland. N. A. Acker by A. A. Russell to whom it may concern .....May 14, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
May 14, 1917—LOTS 3 AND 4 BLK 7 Map Re-Sbdvn Division Blks 9, 10, 11, 12, 13, 14 and Ptn Blk 16, Rockridge Terrace, Oakland. W H Graham vs C L Belt.....$334.45
May 15, 1917—W MYRTLE ST 125 N 16th St N 50xE 100, Oakland. J. F. Gunn vs. W. J. Smyth....$534.35

NOTICE OF NON-RESPONSIBILITY.

Alameda County.

May 2, 1917—SE E-FOURTEENTH and High E 52-6xS 125, Nos. 4301 to 4309 E-14th, Oakland. Charles Harrison as to improvements on leased property.

BUILDING CONTRACTS

Santa Clara County.

E TENTH ST. near San Antonia St., San Jose. All work for two-story frame residence.
Owner.....H. E. Landon, 350 S-8th St., San Jose.
Architect .....Chas. S. McKenzie, Bank of San Jose Bldg., S. J.
Contractor....C. E. Thomson.
Filed May 11, '17. Dated Apr. 18, '17.
Frame up [illegible]
1st coat plaster inside [illegible]
Accepted 900
Usual 35 days [illegible]
TOTAL COST, $3600
Bond, $1800. Surety, J. R. Bryant and W. A. Riggs. Limit, 75 days from filing. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

San Mateo County.

FRAME DWELLING
LOT 42 BURLINGAME HEIGHTS, Burlingame. All work for one-story frame dwelling and garage.
Owner Herbert C and Emma Mayes, Husing Bldg., Burlingame.
Architect .....W. L. Schmolle, 72 Sutter St., San Francisco.
Contractor....Harry C. Lewis, 565 Washington, S. F.
Filed May 14, '17. Dated May 10, '17.
Frame up $997.50
When plastered 997.50
All mill work installed..... 997.50
Usual 35 days..... 997.50
TOTAL COST, $3990.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING AND GARAGE
LOT 21 BLK 27, Easton Addition No. 2 to Burlingame, Burlingame. All work for one-story 5-room dwelling and garage.
Owner.....Alex M. Thyes, 70 Buena Vista Terrace, S. F..
Architect .....D. A. Williamson.
Contractor....David A. Williamson.
Filed May 11, '17. Dated May 9, '17.
Frame up $812.50
When plastered 812.50
When completed 812.50
Usual 35 days..... 812.50
TOTAL COST, $3250.00
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
LOT 17 BLK 2 of Burlingame Park, Burlingame. All work for two-story frame residence and garage.
Owner.....G. E. Crawford, 1601 Broadway, Burlingame.
Architect .....None.
Contractor....Harry C. Lewis, 565 Washington, S. F.
Filed May 12, '17. Dated May 10, '17.
Foundation completed .....$ 600
When enclosed 1000
Plastered, etc. 1000
Mill work in place..... 1000
When completed 1000
Usual 35 days..... 500
TOTAL COST, $5100
Bond, none. Limit, 90 days afer May 14. Forfeit, none. Plans and specifications, none.

STREET WORK
HIGH SCHOOL PARK SUBDIVISION South San Francisco. All work for street work grading, etc.
Owner.....South San Francisco Land & Improvement Co., South San Francisco.
Architect .....None.
Contractor....Western Sand & Rock Co.
Filed May 12, '17. Dated May 9, '17.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, Grading, 30 cents per cubic yard; grading loose rock, 50 cents per cubic yard; grading hard rock, 75 cents per cubic yard.
Bond, $3500. Surety, New Amsterdam Casualty Co. Limit, 100 working days. Forfeit, none. Specifications filed.

FRAME RESIDENCE
EL CERRITO AVE. opp Town Hall, Hillsborough. All work for two-story frame residence
Owner W. C. Graves, Jr., 911 Merchants National Bank Bldg., San Francisco.
Architect G. A. Applegarth, Claus Spreckels Bldg., S. F.
Contractor Thomas Elam & Son, 180 Jessie, San Francisco.
Filed May 15, '17. Dated May 14, '17.
1st payment of 75%
Usual 35 days..... 25%
TOTAL COST, $6980
Bond, none. Limit, Aug. 30. Forfeit, none. Plans and specifications filed.

ALTERATIONS
"B" ST., bet. First and Second Aves., San Mateo. Excavating basement and lower foundation walls and columns and building new retaining wall etc., for alterations to two-story building.
Owner.....I. O. O. F. Lodge No. 265, San Mateo.
Architect .....None.
Contractor....Chris & George F. Larsen 1132 Rhinette St., Burlingame.
Filed May 17, '17. Dated May 17, '17.
When 33% completed.....$683
When 66% completed..... 684
When completed 684
Usual 35 days..... 684
TOTAL COST, $2735
Bond, none. Limit, as soon as possible Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

Santa Clara County

RECORDED ACCEPTED
May 5, 1917—UNIVERSITY AVE & Bryant, Palo Alto. Norwood B Smith to Fibrestone & Roofing Co .....May 3, 1917

COMPLETION NOTICES.

San Mateo County.

RECORDED ACCEPTED
May 10, 1917—LOT 6 and E ½ Lot 5 Blk "E" Fair Oaks Acres. C D Jessup to whom it may concern..... .....May 10, 1917
May 14, 1917—LOT — BLK — being Oak Grove Ave bet. Ansel St. and San Mateo Drive, Burlingame. J S Steinacker to P E Peterson..... .....April 12, 1917
May 16, 1917—CANADA de Raymundo. W Bourn to Floodberg & McCaffery.....May 4, 1917
May 17, 1917—"FILOLI," Canada de Raymunda. W B Bourn to Palace Hardware Co.....May 14, 1917
May 17, 1917—"FILOLI," Canada de Raymundo. W B Bourn to Scott Co.....May 15, 1917

LIENS FILED.

San Mateo County.

RECORDED AMOUNT
May 18, 1917—"FILOLI," Canada de Raymundo. Neuman Bros, Inc., vs Floodberg & McCaffery and W B Bourn $501.02

BUILDING CONTRACTS.

Marin County.

FRAME DWELLING
MANOR-FAIRFAX, Marin County. Carpenter work, etc., for two-story frame dwelling.
Owner.....Onward Investment Co.
Architect David C. Coleman, 519 California, San Francisco.
Contractor....Fred Warden, 354 Sussex, San Francisco.
Filed May 14, '17. Dated May 3, '17.
Frame up $737.50
Brown coated 737.50
When accepted 737.50
36 days after 737.50
TOTAL COST, $2950.00
Bond, $1500. Sureties, Chas. Monson and O. Monson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

Contra Costa County.

FRAME COTTAGE
S-NINETEENTH ST., bet. Ohio and Florida, Richmond. Frame cottage.
Owner.....C. Garbotti, 16 Monticella Ave., Richmond.
Architect .....Louis Mastropasqua, 580 Washington, S. F.
Contractor....C. Fiorini, 2349 23rd St., Richmond.
COST, $2300

FRAME COTTAGE
S NINETEENTH bet. Florida and Main, Richmond. Frame cottage.
Owner.....M. Lercari, 16 Monticella Ave., Richmond.
Architect .....Louis Mastropasqua, 580 Washington, S. F.
Contractor....C. Fiorini, 2349 23rd St., Richmond.
COST, $2300

COMPLETION NOTICES.

Marin County.

RECORDED ACCEPTED
May 8, 1917—SAN RAFAEL. Jules Levy to Harvey A Klyce..May 3, 1917
May 14, 1917—SAN RAFAEL. Stanley E Kohl to whom it may concern.....May 14, 1917

LIENS FILED.

Marin County.

May 17, 1917—SAN GERONIMO, Marin County. Allan L. Moses vs. Sadie T. Keller $65.15
May 17, 1917—SAN GERONIMO, Marin County. B. Raines vs. Sadie T. Keller $53.65

BUILDING CONTRACTS.

Fresno County.

REMOVAL OF MACHINERY
FRESNO COUNTY. All work for removel of gas machinery, etc., from San Mateo County.
Owner.....Pacific Gas & Electric Co., J St., Cor. Tuolumne St., Fresno.
Architect .....None.
Contractor....Schaw-Batcher Co. Pipe Works, 356 Market, S. F.
Filed May 12, '17. Dated May 7, '17.
TOTAL COST, $16,788
Bond, $8500. Sureties, Geo. W. Peltier and E. S. Brown. Limit, 90 days. Forfeit, none. Plans and specifications none.

BRICK WORK
SANTA FE RESERVATION bet. Ventura and Santa Clara Sts., Fresno. Brick work for warehouse.
Owner.....Guggenhime & Co., Santa Fe & Santa Clara, Fresno.
Architect .....None.
Contractor....Ralph M. Irwin, Olive Ave Fresno.
Filed May 11, '17. Dattd May 9, '17.
Weekly payments of..... 75%
Usual 35 days.....Balance
TOTAL COST, $4987
Bond, $2500. Sureties, A. Bendoski and G. A. Adams. Limit, 60 working days. Forfeit, $5. Plans and specifications filed.

BRICK WAREHOUSE
BLK 58, Reedly. All work for brick warehouse.
Owner.....Marion Deneen, Frank Frane and Jacob Eymann for California Fruit Growers' Association.
Architect .....Glass & Butner, Republican Bldg., San Francisco.
Contractor....Hansen Construction Co., 2225 Fresno St., Fresno.
Filed May 10, '17. Dated May 9, '17.
Monthly payments 75%
Usual 35 days.....Balance
TOTAL COST, $19,775
Bond, $9887. Surety, Maryland Casualty Co. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
LOTS 29 AND 30 BLK 116, Fresno. Alter dwelling.
Owner.....S. N. Griffith, 7056 M St., Fresno.
Architect .....None.
Contractor....Jim Smith, Fresno.
COST, $1500

DWELLING
LOTS 10, 11 AND 12 BLK 1, Yosemite Addition, Fresno. Dwelling and garage.
Owner.....Mrs. J. J. Krog, 219 Magnolia St., Fresno.
Architect .....None.
Contractor....Dan Blosser, 217 Abbey St., Fresno.
COST, $3800

PACKING PLANT
KINGSBURG, Fresno. Brick and concrete packing plant.
Owner.....California Peach Growers Inc.
Architect .....Glass & Butner, 3 Republin Bldg., Fresno.
Contractor....Anton Johnson, Kingsburg, Cal.
COST, $19,000

DWELLING
LOT 23 AND ½ LOT 22 BLK 101, Fairmont. Dwelling.
Owner.....K. B. Heights Co.
Architect .....None.
Contractor....H. T. Humphreys, 534 Popuar, Fresno.
COST, $1000

DWELLING
LOT 21 ½ LOT 22 BLK 3 Windsor Terrace, Fresno. Dwelling.
Owner.....Jessie Smith.
Architect.....None.
Contractor....John Nail, 622 Palm St., Fresno.
COST, $1800

COMPLETION NOTICE.

Fresno County.

RECORDED ACCEPTED
May 12, 1917 NE McKENZIE AND . Fourth Sts., Fresno. J B Hart to whom it may concern....May 12, 1917

BUILDING CONTRACTS.

Sacramento County.

FRAME DWELLING
NO. 2214 FOURTEENTH ST., Sacramento. One-story frame dwelling.
Owner.....O. K. Bishop, 1530 Ohio St., Sacramento.
Architect.....None.
Contractor....Peter Leoni, 1330 V St., Sacramento.
COST, $2000

FRAME DWELLING
NO. 1239 J ST., Sacramento. Two-story frame store and dwelling.
Owner.....Ella A. Polge, 1122 H St., Sacramento.
Architect.....None.
Contractor....J. Laidlow, 1311 I St., Sacramento.
COST, $1000

FOUNDATION
AMERICAN RIVER, Sacramento. All work for foundation for bridge No. 13979.
Owner.....Western Pacific Railroad Co., Mills Bldg., S. F.
Br'dge Eng. .....J. H. Knows.
Contractor....Missouri Valley Bridge & Iron Co., Kansas City, Missouri.
Filed May 14, '17. Dated May 4, '17.
Payment of 75%
Usual 35 days..... 25%
COST, NOT GIVEN
Bond, $30,000. Surety, Fidelity & Casualty Co. of New York and Missouri Valley Bridge & Iron Co. Limit, Sept 1, 1917, commence May 15, 1917. Forfeit none. Plans and specifications filed.

BUILDING CONTRACTS.

San Joaquin County.

OFFICE BUILDING
SAN JOAQUIN ST., bet. Market and Main, Stockton. All work for two-story and basement store and office building.
Owner.....H. E. Williamson, N-Sutter and Oak St., Stockton.
Architect.....None.
Contractor....James Mulcahy, Stockton.
Filed May 8, '17. Dated May 7, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $16,755
Bond $8500. Surety, Globe Indemnity Co. Limit, 60 days after 7th of May. Forfeit, $6.50 per day. Plans and specifications filed.

OFFICE BUILDING
WEBER AVE AND MADISON being Lot 1 Blk 2, Stockton. All work except plumbing and sheet metal work for remodeling and enlarging two-story brick and frame office building.
Owner.....Sperry Flour Co., Capitol & W-Weber Sts., Stockton
Architect.....Joseph Losekann, San Joaquin Bldg., Stockton.
Contractor....J. F. Shepherd, 1031 W-Vine St., Stockton.
Filed May 7, '17. Dated May 7, '17.
Foundation completed .....$ 383
Brick work and rough frame completed 2000
Ready for painting..... 2000
When accepted 2000
TOTAL COST, $6383
Bond, $3192. Sureties, J. H. Miller & B. Martin. Limit, 60 days. Forfeit, none. Plans and specifications filed.

PLUMBING AND SHEET METAL work and heating on above.
Contractor....Pahl & Henry, 33 S-Sutter St., Stockton. .
Filed May 7, '17. Dated May 7, '17.
Roughing in completed.....$600
All completed 996
TOTAL COST, $1596
Bond, $798. Sureties, S. C. Harry and Chas. Finkbohner. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

WYBRO-BOARD.

An Oregon Pine Board Which Will Not Split.

White Bros., Fifth and Brannan streets, San Francisco, have developed a Wybro-Board for all uses, and it is claimed for it that you can cut it, saw it, and sand it, like any ordinary piece of lumber, but you cannot split it. You can cut it, hew it, hack it drop it; use the largest nail, put the nails close to the edge—you cannot split Wybro-Board.

Wybro-Board cannot split because it is cross plied. Three layers of Oregon pine glued together with the grain running in opposite directions.

Consider a box or case made from Wybro-Board—no pilfering, or broaching on the cars or in the hold of a vessel. You will have to pull every nail in the cover before you can get it off—it will not split.

Wybro-Board comes rough like any other pine or redwood board. It can be sawed or sanded the same as any pine or redwood board, but it cannot be split.

Wybro-Board is made of three thicknesses of Oregon pine, the inner-ply running crosswise and is adapted to a great variety of uses on account of its strength, durability, economy and lightness.

Wybro-Board is especially effective in the manufacture of drawer bottoms, boxes, cases, show cards, photographic and advertising panels, factory trays, mounting boards, mirror backs, trunk bodies, bulletin boards, transfer files, cores for making panels, parcel hampers, refreshment boxes, novelties, patterns, chair backs for upholstered furniture, cheaper wall boards, wainscoting, especially where it is to be painted or enameled over and in every case where a strong light wood is desired.

These panels are rough and must be sanded to be used as wall panels or wainscoting. The charge for sanding is ½c per square foot per side. Sizes carried in stock are as follows:

	Price	Code Word
24x60", ¼", 3-ply	6 c.	Boryat
24x72", ¼", 3-ply	6 c.	Bordea
24x84", ¼", 3-ply	6 c.	Boresan
36x60", ¼", 3-ply	7 c.	Borsee
36x72", ¼", 3-ply	7 c.	Borung
36x84", ¼", 3-ply	7 c.	Borluk
24x60", 5-16", 3-ply	6½c.	Borchsato
24x72", 5-16", 3-ply	6½c.	Boarba
24x84", 5-16", 3-ply	6½c.	Borkow
36x60", 5-16", 3-ply	7½c.	Borsup
36x72", 5-16", 3-ply	7½c.	Borichi
36x84", 5-16", 3-ply	7½c.	Borstot

Crossing of grain gives great strength and durability. Thinness gives lightness. Large surfaces give economy.

Special sizes made to order.

Compare these prices with those of wide Poplar panels, which do not equal Wybro-Board in strength and toughness.

Compare these with the prices of Sugar Pine or White Pine, which woods Wybro-Board surpasses in toughness and durability.

Compare these prices with those of various wallboards which do not even possess a partial number of qualities which Wybro-Board has. Or compare these prices with those of Clear Pine Lumber.

No matter for what purpose, you will find Wybro-Board by far superior to any other lumber. **And the price is right.**

COAST AND CREST HIGHWAY STARTS.

A project which stands out as one of the greatest and most important yet undertaken in the development of

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
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placed another order with the same manufacturer in the United States, instead of shipping this second lot of goods, the manufacturer wrote to the consulate general, complaining that he could not see his way clear to make a second shipment until the original one had been paid for, and that although he had approached his forwarding agents in New York on the subject he was able to get little or no satisfaction from them.

Agent at Fault Prices on Cartons.

The case seems clearly to establish that the fault was not with the Brazilian buyer in failing to meet his obligations promptly, but with the New York forwarding agent who apparently has neglected to turn over the proceeds of the draft to the manufacturer. Fortunately, the buyer here was fairminded enough to perceive the honest motives of the manufacturer in this particular case; but in other similar instances the neglect to comply with a second order might have meant the loss of future business and been just cause for complaint against American methods of doing business in general. The case illustrates the necessity of employing responsible and qualified forwarding agents, where the inland manufacturer finds it expedient to use such intermediaries.

The Brazilian buyer in the case above cited took occasion to suggest that the habit which some American manufacturers (the articles in this case were small accessories for automobiles) have of employing the same paper cartons in their foreign trade as in their domestic business proves disastrous when these containers have visibly marked upon them the retail price of the goods in the United States. Shipments have been known to be delayed here in the custom house for the payment of duties on the basis of the marked prices, rather than on the invoice value, even though such practice may seem illogical, and although it should be matter of common knowledge that wholesalers and foreign customers are invariably given large discounts.

MAHOGANY PRODUCTION IN GUATEMALA.

[Consul S. C. Reat, Guatemala City.]

Exact statistics as to the mahogany resources of Guatemala are not available, but it is known that the timber exists in practically unlimited quantities in the northern part of the Republic, known as the Peten country, while another defined zone or belt is found in the western or Pacific coast region. The outbreak of the European war caused a sharp curtailment in the export movement of mahogany, shipments for a time being practically suspended. The country, however, has in a measure recovered from the depression due to the war and mahogany is again beginning to move, shipments being confined principally to the United States.

The Usumacinta River, forming part of the Guatemala-Mexico border, is largely employed in rafting mahogany logs to the Mexican port of Frontera, where shipments are made to the United States. The timber is also rafted from the Peten region via the Belize River to Belize, British Honduras, where exports are made principally to England. Timber in smaller quantities is found along the Gulf coast in the vicinity of Sarstoon and Livingston, the logs from this section going chiefly to the United States.

Transportation Facilities—Sawmills.

A well-defined timber belt parallels the Pacific coast of Guatemala at distances varying from 5 to 25 miles from the ocean and extending from Coatepeque to the Salvador boundary on the south. San Jose and Champerico are the principal exporting points for this territory. According to the timber men now engaged in shipping from this territory much of the timber accessible to transportation facilities has already been cut, and it is estimated that not more than 15,000,000 to 20,000,000 feet remain that would be commercially profitable to export.

Fully 90 per cent of the mahogany in this region is found within 25 miles of the coast. The timber is scattered and is said not to average more than one tree to 5 acres. The timber is hewn and hauled in ox carts to shipping points along the Occidente Railway and the division of the International Railways of Central America extending from Guatemala City to San Jose. The construction of additional railways and the completion of the proposed intracostal canal, known as the Chiquimulilla Canal, would give impetus and encouragement to the mahogany industry of the west coast. There are many rivers, nearly all of which are navigable for rafting purposes, including the Michitoya, Guacalate, La Gomera, El Naranjo, Coyolate, and several others, which are not utilized at this time for the reason that San Jose and Champerico are the only licensed ports for the Pacific coast.

Prices and Freight Rates—Exports.

First class mahogany f. o. b. San Jose is worth $80 gold per thousand feet, of which total cost $12 represents the loading charge and the export duty of $2 per ton, and $5 to $15 represents the railway transportation.

The ocean rate on mahogany lumber Puerto Barrios to New York or Boston is $15 per thousand feet, and on logs $20. The rate san Jose to San Francisco or Seattle is about the same.

Producers of mahogany operate under a Government concession granting them the right to cut and remove timber from a prescribed area.

Mahogany is not separately listed in the customs record of Guatemala, but it forms the bulk of all export shipments both of timber and lumber. The report of the Minister of Finance and Public Credit for 1915 shows that lumber to the amount of 3,524,623 quintals (metric quintal equals 220.46 pounds), valued at $176,231 United States gold, was exported via San Jose and the frontier customhouse of Peten. For 1916 the total exportation amounted to 2,339,276 quintals valued at $116,964 the entire exportation going to the United States.

[The addresses of several Guatemalan exporters of mahogany logs and lumber may be obtained from the Bureau of Foreign and Domestic Commerce, Customhouse, San Francisco, upon referring to file No. 86389.]

LUMBER EXPERTS HERE IN JUNE.

Commissioners to Foreign Countries to Spend Two Days in San Francisco.

The bureau of foreign and domestic commerce of the United States Department of Commerce will shortly send lumber trade commissioners to foreign countries to thoroughly investigate trade conditions affecting American lumber exports. This commission will visit Great Britain, France, the Netherlands, Norway, Sweden, Denmark, Finland, Russia, Siberia and the countries of Southern Europe as well as those of Northern Africa.

Prior to this trip of investigation the commission has arranged an itinerary of about two months' duration in this country for the purpose of holding conferences with lumber manufacturers at various ports and centers. They will visit San Francisco on June 21 and 23 for the purpose of conference with the lumber manufacturers' associations at this point.

E. E. Meyers, secretary of the California Redwood Manufacturers' Association, has received a notice from Nelson G. Brown, trade commissioner and secretary of the commission, outlining the subjects which the commission is especially desirous of informing themselves. These are export trade methods, export grading, complaints of importers abroad, obstacles to greater export trade, current prices, etc. The San Francisco Chamber of Commerce, through the foreign trade department, will co-operate with the Lumber Manufacturers' Association in facilitating the work of the commission during its stay in this city.

GIVE NEARLY 1200 DEGREES AT UNIVERSITY COMMENCEMENT.

The remarkable growth of the University of California is shown by the fact that approximately 1164 degrees were voted for conferment at the Commencement Exercises in the Greek Theatre at ten o'clock Wednesday morning, May 16, as compared with 482 degrees in 1907.

This means that the alumni gathering on Wednesday, May 16, for the annual Alumni Luncheon and the afternoon ceremonies of farewell to North Hall and the dedication of Wheeler Hall, marks a welcome to a graduating class nearly three times as large as that of ten years ago. Commencement of this year, as compared with Commencement ten years ago, sees nearly two-and-a-half times as many Bachelor's degrees conferred as in 1907, when there were 347; four-and-a-half times as many Master's degrees—approximately 138 as compared with 29; six-and-a-half times as many degrees of Doctor of Philosophy—33 as compared with 5; and ten times as many degrees of Juris Doctor—29 as compared with 3. The degrees conferred upon the graduates in Medicine, Dentistry, and Pharmacy and on graduates of the Hastings College of the Law number 117 as compared with 98 ten years ago. One candidate each receives the degree of Graduate in Architecture, Graduate in Public Health, and Graduate in Education. Of these degrees, the first two

San Francisco and the peninsula is to come to a head at San Jose next Saturday morning.

Spurred on by the military authorities of the United States and encouraged by a large State appropriation the highway down the coast, along the skyline of hills and mountains, is to be brought to the time of actual building.

This boulevard will extend from the downtown district of San Francisco through the northern section and into and through the Presidio over a roadway now being constructed by government contract.

From the Presidio it will extend toward the south, being approachable either over Sloat Boulevard or the Ocean Beach esplanade.

From the city line it will run through San Mateo County, skirt Half Moon Bay and climb the grades into the Santa Cruz Mountains, keeping at nearly all points within view of the ocean. Its military and scenic value cannot be too highly estimated.

Supervisor Richard J. Welch of San Francisco, chairman of the Peninsular Highway Conference, has called a meeting of the committees of this conference, representatives of the State Highway Commission, military officers and others interested in the project to be held at San Jose next Saturday, May 5, at 10:30 a. m., at chambers of the Board of Supervisors.

The purpose of the meeting is to take the initial steps to form a joint highway district as provided by a recent act of the Legislature. The proposed district will be composed of the counties of San Francisco, San Mateo, Santa Clara and Santa Cruz.

The military authorities have declared the proposed road to be of primary importance and the Legislature has appropriated a quarter of a million dollars for this and other like important highways.

SCHOOL BOARD TO ASK 3 MILLIONS IN BUDGET.

A revised estimate of the school needs of San Francisco, in view of the proposed school bond issue, was submitted to Mayor Rolph yesterday by the Board of Education. On this estimate, totaling $3,553,562, the administration will stand in the controversy which is expected at the Supervisors' meeting Next Monday.

For the purchase of land and the erection of new elementary schools the Education Board wants $1,694,462; for additions to high schools and the erection of one new high school, the Galileo, $1,604,000; for equipment, $200,000; for Columbus School, $55,100.

In addition, the Education Board will ask for a yearly tax levy of 10 cents on the $100 valuation to keep pace with the city's growth and to provide for the reconstruction work omitted from the first bond estimate.

The original proposal, which was cut in two when opposition developed in the Board of Supervisors, was for a $7,500,000 issue of school bonds.

LATERAL SURVEYS BEGUN BY STATE.

SACRAMENTO, CAL.—Preliminary surveys for the eight cross tie highways which will connect the coast highways with the valley highways of the State's system are in progress, and according to State Highway Engineer Austin B. Fletcher, the surveys will be completed early in July, when a portion of the $15,000,000 voted in 1915 will be available.

"There is no way," said Fletcher, "of knowing when actual construction work will commence. None of the bonds can be sold until after July 3, and there may be no market for bonds at that time.

"The preliminary survey of the proposed new road routes will determine how much the highways will cost and what portion—perhaps all of them—can be built.

Of the $15,000,000 that will be available, $3,000,000 will be used in the construction of the cross tie roads. The remaining $12,000 000 will be used in completing the old system. The counties involved put up dollar for dollar in the laterals.

There will be as little delay as possible in the construction of the new highways as they are expected to be important factors in military preparedness.

The eight highways provided connect the interior and coast trunk lines through Humboldt and Trinity counties and in three places in San Joaquin Valley, along the coast route at Gilroy, in Monterey County, and at San Luis Obispo, extend the Mariposa lateral to El Portal, Yosemite, and provide for three Southern California extensions.

HARDWOOD FLOORING TRADE.

May Items.

There has been a steady demand for Oak and Maple flooring (principally for Oak) during the past month, sufficient to completely absorb the local production.

Walnut, one of the most costly American woods, is being used more than ever in fine work.

The residences of Mr. C. Frederick Kohl, Mr. J Ralston Hamilton, Mr. W. B. Bourn, and the St. Francis Hotel contain some fine examples of floor work in this beautiful wood, done by the Inlaid Floor Company.

All materials, besides lumber and finished flooring have advanced heavily during the past year; the prices for nails, glue, sandpaper, shellac and wax being now more than double the cost of these commodities before the war, with indications of a further advance.

Yet the estimates for floor work are but a little above the lowest limit in 1914. Now is the time to order for residences, flats or apartments.

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San Francisco Office, 600 Alabama street. Phone, Mission 1575 and Mission 1576.

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AUTOCAR ANNOUNCEMENT.

TO USERS OF MOTOR TRUCKS IN SAN FRANCISCO TERRITORY:

Owing to the very widespread and rapidly increasing use of Autocar Delivery Vehicles by the business houses of the Pacific Coast, The Autocar Company of Ardmore, Pennsylvania, has decided to establish direct factory branches in San Francisco, San Diego and Los Angeles.

These Pacific Coast branches will now do business under the name of "Autocar Sales and Service Company of California," recently incorporated. The Autocar Company thus assumes the undivided responsibility for complete after sales service, and Autocar users will therefore now be dealing directly with the manufacturer.

This step enables Mr. M. S. Bulkley, who for years has been the California representative of The Autocar, to assume charge of The Pacific Coast as direct factory representative, and as a Director in the new Company will aid and strengthen his well known and long established policy of close cooperation between customer and manufacturer.

THE AUTOCAR COMPANY,
Ardmore, Pa.

San Francisco, Factory Branch; Autocar Sales & Service Co., 561 Golden Gate Avenue.

SUGGESTIONS TO AMERICAN EXPORTERS.

RIO DE JANEIRO, BRAZIL, March 8,—The following points in a case brought to the attention of the Rio de Janeiro consulate general in a transaction between an American inland manufacturer and a local merchant should prove of interest to American manufacturers and exporters:

The manufacturer shipped his goods through a forwarding agent at the American port of shipment, the agent drawing on the Brazilian buyer at sight. The consignee here promptly paid the sight draft in order to withdraw the goods from the customhouse. This happened more than eight months ago.

In the meantime the local house here, well satisfied with the shipment,

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were first conferred in 1814, while the degree of Graduate in Education is this year conferred for the first time.

BIDS FOR BOLINAS BAY COAST GUARD STATION.

J. Eric Johanson Presents Low Bid for New Buildings and Steel Signal Mast on Marin Coast.

(By Special Wire.)

WASHINGTON, D. C., May 15, 1917 - Thirteen sets of figures were opened today in the offices of the United States Coast Guard Service for the construction of a new station at Bolinas Bay, California. The work consists of new company quarters of frame and concrete and the construction of a signal mast of steel. Following is a complete list of the bids received:

Bolinas Bay Coast Guard Station.

A. H. Vogt	$11,480
Frank Gallagher	10,190
Cuneo	10,604
Peter Hamilton	14,700
Tibbitts	13,364
J. Eric Johanson, 110 Jessie St. (low)	9,988
Fred L. Hansen	10,650
George Wagner	12,500
George W. Boxton	10,394
Grace & Bernieri	11,162
Neil A. McLean	11,250
Anderson & Ringrose	12,700
McSheehy Bros.	12,329

BIDS RECEIVED FOR PARK AUTO TRUCK.

The following bids were opened today for furnishing one five-ton auto truck for the use of the San Francisco Park Commission.

Five-Ton Auto Truck.

Sterling Auto Co.	$3,650	
Garford Motor Truck Co.	4,775	
Moreland Motor Truck Co.	4,250	$3,650
Kelly-Springfield M T Co.	4,210	
Locomobile Co.	4,380	
Signal, Bethelem & Koehler Co.	3,930	

Award of contract will depend upon demonstration which is to be held Friday.

AWARD BIG CONTRACT FOR TEMPORARY CONSTRUCTION.

First of Large Contracts for Temporary Work at Presidio Goes to G. M. Gest Co. of New York.

Two contracts for temporary construction at the Presidio of San Francisco, approximating one million dollars, have been awarded under authority of the Supply Department of the Committee of National Defense to G. M. Gest & Co. of New York and the Barrett Roofing Co. of Boston. The work was not advertised and the award of contracts was practically the first intimation given local contracting firms that immediate temporary construction was to be started at the Presidio. G. M. Gest & Co. are represented locally by F. R. Lewis, 503 Market street, while the Barrett Roofing Co. has no local representative.

G. M. Gest & Co.'s contract covers the construction of all buildings required to house three regiments, each of twelve companies of 150 men. At least thirty-six barrack buildings and perhaps forty-eight, will be required besides an administration building for each regiment, officers' quarters, storage houses and stables. The Gest Co.'s contract includes all plumbing and electric work. While detailed information is still lacking it is estimated that fully 200 buildings are included in this contract. Each of the barracks buildings will be at least two hundred feet long and the administration buildings and several of the warehouses equally large. All construction will be of frame.

The Barrett Roofing Co.'s contract covers the construction of roads, sidewalks, lighting systems and possibly water mains for the three regiments. The approximate amount of this contract is not known locally.

All construction will be under the direction of Major Fredendall in charge of the Constructing Quartermaster's Office at Fort Mason. It is understood that the contracts were awarded on a basis of cost plus ten per cent. Neither firm of contractors has a local organization.

Under a recent ruling of Secretary of War Baker the customary proceeding of advertising for bids has been done away with and authority granted to enter into contracts without this formality for Army construction and supplies. It is stated in Washington that when time permits information will be given of orders for supplies and construction otherwise the various departments will enter into contracts on their own initiative.

San Francisco contractors and supply firms are urged to bring pressure to bear with California's representatives in Washington so that in the future due notice may be given local men of intended construction and purchase of materials. It has been learned upon good authority that still more temporary construction is to be undertaken at the army posts in the vicinity of San Francisco on which local firms should be given an equal opportunity with eastern firms.

NEW CONTRACTING FIRM ORGANIZED

W. W. Hayes and H. J. Oser have joined forces as the Hayes-Oser Company, Contractors and Engineers, with offices at 424 New Call Bldg.

As a starter the firm secured the contract for the erection of the Alameda Savings Bank to be erected at Webster street and Santa Clara avenue, Alameda, from plans by Architect E. T. Foulkes, Crocker Bldg., San Francisco. Contract price, $27,441.

The building will be a one-story brick and terra cotta. Interior finish cast travertine.

Constructing Q. M. Office Plans Much Work.

No Authority Received From War Department to Award Contracts Without First Advertising Work.

Much interest is expressed in the report that a large amount of temporary construction is to be undertaken at once at the various army posts about San Francisco and that this work will not be advertised as is all of the ordinary government construction. Such a report has been circulated by an Indemnity Company, but can not be verified at the office of the Constructing Quartermaster at Fort Mason, under which all work will be done.

A large amount of such temporary construction will be undertaken as soon as possible but how it is to be handled has not been fully determined. At the office of the Constructing Quartermaster it was stated that no authority had been received from the War Department to enter into contracts without the customary advertising for bids. At the present time, however, this office has under construction two temporary frame warehouses, each 60 by 200 feet, and a three-inch pipe line 9,000 feet in length, the work being done under the day labor system.

A notice to contractors will shortly be published in these columns calling for bids for the construction of the most modern X-Ray laboratory in the West. Plans have already been prepared in the office of the Constructing Quartermaster at Fort Mason and call for a reinforced concrete or hollow tile building, 101 by 31½ feet, equipped with under ground conduit, the most up-to-date dark-room equipment and special electric fixtures. Steam heat will be supplied from the central plant. Roof will be of tile. The building will be erected at the Letterman General Hospital.

Plans have also been practically completed for Ward K, a two-story reinforced concrete structure which will be erected at the Letterman General Hospital. This building will cover a ground area of 78 by 25 feet and will have maple floors, electric ranges, special plumbing, steam tables and other modern equipment. A clay tile roof will be used.

The Constructing Quartermaster's Office is now preparing plans for an insane ward which is to be erected at the Letterman General Hospital. Plans provide for a three-story reinforced concrete ward covering an area of 74 by 93 feet and includes all the latest devices for treatment of the insane, such as hydrotherapeutic features, gymnasium, etc. All of the work described above will be mentioned again when bids are called.

GRASS VALLEY, Nevada Co., Cal.—Bids for erecting the proposed four-story hotel at Main and Church streets were opened Wednesday by the Directors of the Grass Valley Hotel Corporation. Eight bids were submitted, but the awarding of a contract was deferred.

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San Francisco, Cal., May 30, 1917

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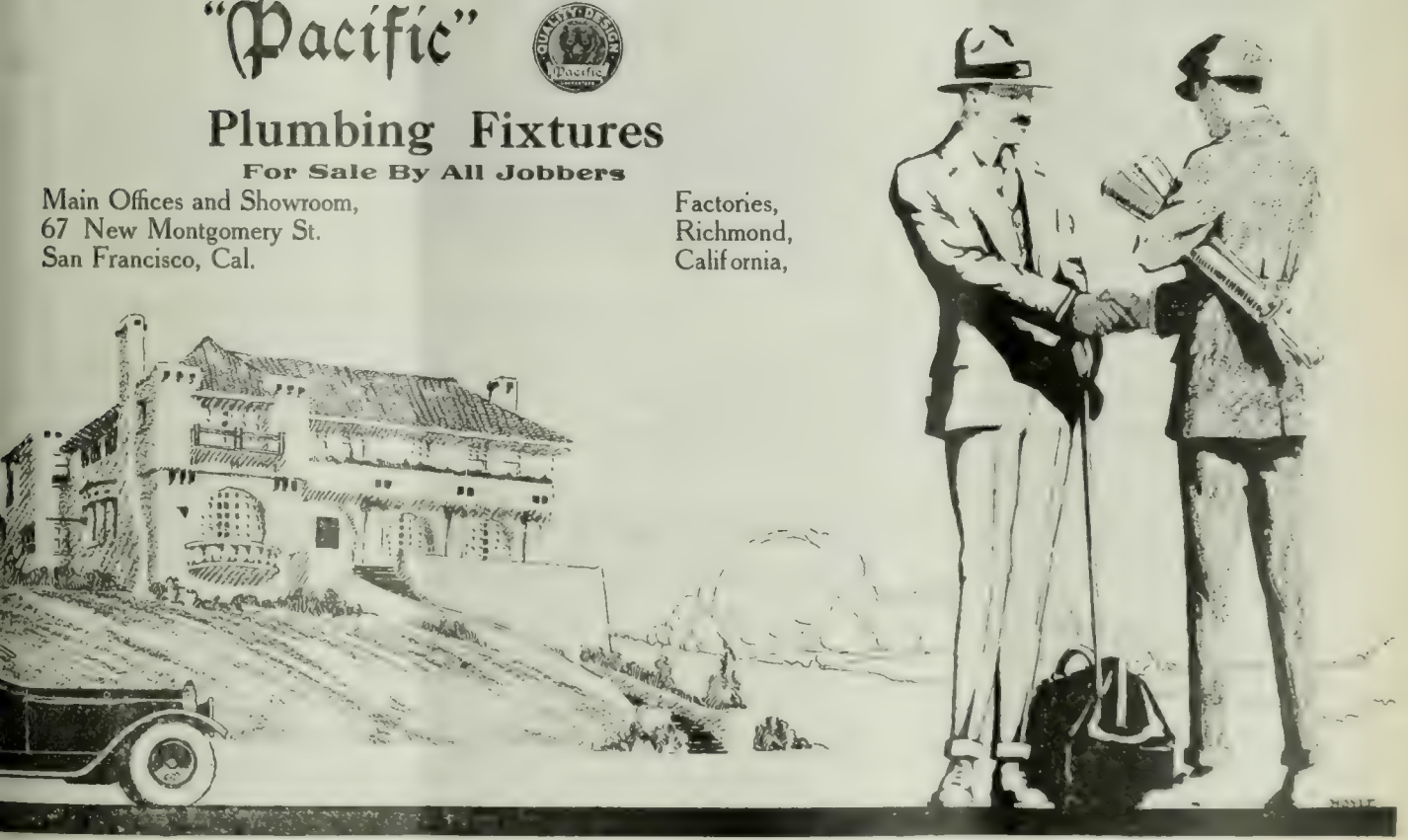
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*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon, Woodland and Way Stations.

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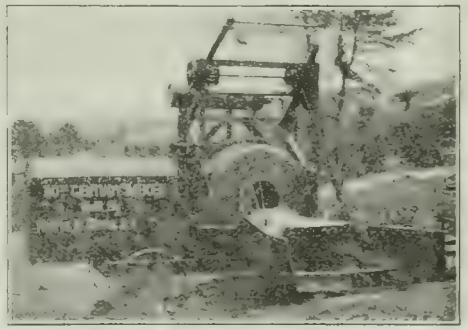
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SAN FRANCISCO OFFICE
560 Mission Street.
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STATE LAWS AFFECT INTERSTATE RATES.

Renewed attempts by the legislatures of the various states to enact additional legislation further increasing operating expenses of the railroads, such as "full" crew laws, will no doubt serve to direct the attention of the federal government to the fact that inasmuch as it increases cost of operation such state legislation has a direct relationship and a direct bearing on interstate rates and commerce.

The so-called "full" crew laws enacted by the various states for no other purpose than to create more jobs, coupled with other needless state legislation, have increased operating expenses in an enormous amount. Even in the face of this, bills were introduced at the recent session of the legislatures of the various states amending existing laws and making them more burdensome.

In Oregon and Utah among the bills introduced were bills limiting the number of freight cars in a train-measures which struck at the very vitals of the carriers and would if enacted have seriously crippled both state and interstate service.

In Nevada bills were introduced requiring "standard" cabooses on all freight trains, requiring telepragh and telephone offices in town of over 1,000 population to be kept open day and night, and requiring the posting of notices on bulletin boards at all stations concerning all passenger trains over one hour late on schedule.

In California, where the legislature is still in session and where as in most states having so-called "full" crew laws trains are already overmanned, among the bill introduced is one requiring an additional flagman on all trains "that load or unload freight or pick up or set out cars at two or more stations enroute," regardless of the fact that these trains already have a competent flagman, and requiring an additional man on gasoline cars and electric locomotives.

As approximately 225,000 trains carrying freight are run on the railroads in California during the year this bill would compel the railroads either to place an additional and entirely useless man on practically all freight trains at an increased annual expense of about $500,000, or to deprive the public of much accommodating service by discontinuing the present practice of picking up important carload freight by through fast trains and confine the work of picking up and setting out cars and unloading freight to local trains as fas as possible.

In the past the federal government has paid little or no attention to the effect or relationship of so-called "full" crew laws and other needless state legislation on or to interstate rates, but now that the railroads have been compelled by accumulating burdens to appeal to the government for an increase in interstate rates it is altogether probable that Congress will more easily and fully appreciate the economic importance of exclusive federal control of such utilities.

FORESTRY REGIMENT TO BE ORGANIZED.

WASHINGTON, D. C.—A "forestry regiment," made up of foresters, practical woodsmen, loggers, portable sawmill operators, and others experienced in lumbering operations, for service in France, will, it is announced, be raised immediately. The Forest Service, at the request of the War Department, will prepare plans for the organization and equipment of the force and will aid in securing suitable men. The regiment will form a unit of the Engineer Corps now being recruited to be sent abroad as soon as it can be organized and equipped.

The organization of this regiment is the result of a suggestion made by the British Commission. Similar forces have been raised in Canada and are rendering valuable services. The object of the American forestry regiment, it is said, will be to convert available timber into material suitable for bridges, railroads, trenches, and other construction work with the least possible waste. At the same time the cutting will be done under the supervision of technical experts in co-operation with the French foresters. In this way the permanent damage to the forests incident to furnishing the imperatively needed timber, it is hoped, will be kept as small as possible.

The regiment will be organized in units capable of handling all kinds of woods work and will include a number of portable sawmill outfits. It will be officered by trained foresters and expert lumbermen who are thoroughly familiar with producing and delivering lumber. It will carry complete equipment for all kinds of woods work. The clases of men resired comprise axemen, teamsters, tie-cutters, millwrights, saw-filers, sawyers, portable sawmill men, farriers, blacksmiths, lumberjacks, cooks, and carpenters, as well as motorcycle and motor truck operators.

As rapidly as enlistments are secured, the men will be assembled at six central points, which have already been designated.

RIGHT OF ALIENS TO COMPENSATION.

The attitude of the Industrial Accident Commission to certain alien claimants of compensation has been misinterpreted in the press. The Commission has not denied compensation to any injured worker on the ground of being a subject of a country with which our country is at war. The information from other States, as well as from the United States Employees' Compensation Commission, is that no such discrimination has taken place, and none is contemplated, when considering such claims.

The Industrial Accident Commission of the State of California will not raise the question. It hopes it will not be raised. Citizens will, it is believed, approve the assertion that public policy requires recognition of the rights to compensation of thousands of unnaturalized workers born in Germany who are worthy residents of California. The situation in which these workers find themselves will not be improved by harsh measures.

Advice from the Department of Justice at Washington, D. C., is to the effect that a bill has been drafted, which it is expected will shortly be introduced into Congress, and which has for its object the regulation of all trading with alien enemies, so-called, including the right to receive workmen's compensation. The whole question is essentially one for Federal control.

LAS Cruces, New Mexico, Post Office.

The supervising architect, Treasury Department, Washington, D. C., has awarded the contract for the construction complete, of the U. S. post office and courthouse and post office at Opelousa, to Latimer & Benning, Masachusetts Bldg., Kansas City, Mo., at $88,743, time to complete, 14 months.

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

SAN FRANCISCO — Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, W. F. Perkins. Location, northeast Polk and Post streets. Will contain 24 apartments of three and four rooms. Plans complete and work will be awarded shortly.

SAN FRANCISCO — Apartment house, 3 story and base, frame, $12,000. Architect, Phillip Schwerdt. Owner, J. J. Delucchi, 14 Eugenia avenue, S. F. Location, east San Jose avenue north 26th street, covering an area of 32½ by 96 fet. Will contain nine apartments of three rooms each. Plans complete and segregated figures being taken by the owner.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, $6,500. Architect, none. Owner, I. S. Tuttle, 2222 East 31st street, Oakland. Location, northwest Greenwood avenue and Park Boulevard. Will contain twelve rooms arranged in three-room suites. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. —Apartment house, 3 story and base, frame, $35,000. Architect, J. W. Oliver, 1527 Broadway, Oakland. Owner, W. A. Whittaker, 848 East 19th street, Berkeley. Will cover an area of 75 by 90 feet and contain a total of 18 apartments of two, three and four rooms. Plans complete and segregated figures being taken by the owner.

EUREKA, HUMBOLDT CO., CAL.— Apartment house, 3 story, frame. Cost not stated. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owners, Daly Bros. Location, Hillside and E street. Will contain 18 suites of three rooms each. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 2 story and base, brick. Cost not stated. Architect, William Kerr, 1808 South Main street, L. A. Owners, The Central and Pacific Improvement Corporation. Location, Main and 14th streets, covering an area of 75 by 125 feet. First floor will be arranged for stores. Plans complete and figures benig taken.

Contract Awarded.

SAN FRANCISCO — Apartment house, 5 story and base. Class C construciton, $85,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Anton Rulfs: Concrete work awarded to Western Construction Co., for $1,400; glass and glazing to Habernicht-Howlett Co., 525 Clay street, for $1,025; sheet metal to Guilfoy Cornice Co., 209 8th street, for $2,750; fire escapes to Michel & Pfeffer, 1415 Harrison street, for $1,538; painting to L. J. Neal, 461 Hayes street, for $2,000; mill work to National Mill and Lumber Co., 318 Market street, for $4,500; electric work to American Electric Engineering Co., 1723 Polk stret, for $1,825; plumbing to E. V. Lacey, 530 2nd street, for $5,000; brick work to Mealey & Collins, 180 Jessie street, for $6,200; heating to Knittle-Cashel Co., 1820 Ellis street, for $1,850; iron work to C. W. Withington, 416 2nd street, for $1,650; hardware to Palace Hardware Co., 581 Market street, for $1,000.

SAN PEDRO, LOS ANGELES CO., CAL—Apartment house, 2 story, frame $28,000. Architect, none. Owner, J. Parsell, Alberto Apartments, L. A. Contractor, W. D. Lambert, 217 West 12th street, Long Beach. Contract price, $28,000.

BanKs ....Ar ....

PALO ALTO, SANTA CLARA CO., CAL..—Bank, 1 story and base, Class C construction. Cost not stated. Architeits, Tantau & Branner, Clunie Bldg., S. F. Owners, Bank of Palo Alto. Location, University avenue and The Circle. Plans complete and segregated figures being taken.

CONCORD, CONTRA COSTA CO., CAL.—Bank, 2 story and base, reinforced concrete. Cost not stated. Architects, Reed & Corlett, Oakland Bank of Savings Bldg., Oakland. Owners, Bank of Concord. Will contain public space, offices and work space. Safe deposit vaults, etc., will also be installed. Plans are being prepared.

AVIATION BUILDING.

BERKELEY, ALAMEDA CO., CAL. —The Regents of the University of California will shortly start construction by Day Labor of a temporary building, 60 by 160 feet to house a course in aviation. The building will be erected on the campus in front of the mechanical building. Construction will be of frame.

BONDS.

ALHAMBRA, Los Angeles Co., Cal. —The $15,000 bond issue for a new grammar school building was defeated at the election held May 15.

RIVERSIDE, Riverside Co., Cal.— An election will be held in the Riverside City School District on June 12 to vote on an issue of $50,000 for the erection of one or more school buildings, the purchase of sites, apparatus, etc. J. M. Davison, Marie S. Brown, John I. Esgate, Charles G. Rouse and Walter C. Davison are the trustees.

HEALDSBURG, Sonoma Co., Cal.— The Healdsburg Union High School District will hold an election June 18th to decide the question of issuing bonds of $100,000 with which to erect and equip new school buildings.

FAIRFAX, Marin Co., Cal.—An election to vote $12,250 for a new school building will be held in the Fairfax School District on June 16th. W. O. Miller, H. Nelson and P. H. Davis are the Trustees.

HOLBROOK, Ariz.—Bids will be received by the Board of Supervisors up to 10 A. M. of June 11 for the purchase of $160,000 bonds, $1000 each, the proceeds to be used for constructing new roads and rebuilding present ones. R. S. Teeple is the Clerk.

SANTA BARBARA, Santa Barbara Co., Cal.—An election will be held June 26 for the purpose of voting on an issue of bonds in the sum of $590,000 for the completion of the Gibraltar dam, and $85,000 for sewer construction. In addition to these there will be provision made for $21,000 bonds for the completion of the east boulevard.

(15475 and 15529) 1st reports. Apr.

BRIDGES AND DAMS.

RICHMOND, CONTRA COSTA CO., CAL.—The Nicholl Terminal Land Co., developing a large terminal and factory site at Richmond, announce the completion of plans and state that construction will be underway by September. The plans given out provide, as the ultimate scope of the project, for seven concrete piers, with double story concrete sheds; seven large fireproof storage warehouses, a fruit and cold storage warehouse, coal handling facilities, and grain elevators; twelve seven-story concrete factories with 6,000,000 square feet of floor space.

SANTA ROSA, Sonoma Co., Cal.— The Supervisors of Marin and Sonoma Counties have decided to call for bids for the construction of a bridge across San Antonio Creek. Bids close June 14th. Malcolm Youker is County Engineer of Sonoma County.

SAN JOSE, Santa Clara Co., Cal.— The bid of A. Mattson, Chapman, South San Francisco, at $7,700 has been taken under advisement by the County Supervisors, for the construction of a reinforced concrete bridge over the Los Gatos Creek at Wright's Station. Other bidders on the work were:

R. H. Jamison.....$9,618
J. Doyle 8,762

The County Surveyor's estimate was $7,415.

LONG BEACH, Los Angeles Co., Cal. —The construction of the bulkhead and sea wall will not be started for four or five months. New proceedings will be started and bids called for later. The contract was first awarded to Henry W. Schlueter of Los Angeles, who could not sign the contract, and later was awarded to John G. Harrah of Los Angeles on his bid of $54,476.70, who found legal flaws in the proceedings and withdrew his bid. The grade will have to be established before the work will be ready for bids.

SANTA BARBARA, Santa Barbara Co., Cal.—Bids will be received by the Board of Supervisors up to 10 A. M. of June 4 for constructing five wooden

bridges in Road District No. 4, in Fifth township, Santa Barbara county, in accordance with plans and specifications on file at the office of C. A. Hunt, County Clerk. Certified check for 10% required.

Bids close June 18th.

Constructing 60-foot timber bridge with concrete abutments and asphalt roadway.

LOCATION—Over Walnut Creek, Contra Costa Co., Cal.

OWNER—Contra Costa County.

ENGINER—County Surveyor Ralph Arnold, Martinez.

Certified check of 10% payable to the Clerk of Board of Supervisors.

Plans on file at County Surveyor's Office, Martinez.

SANTA BARBARA, Santa Barbara Co., Cal.—Plans have been completed by the City Engineer and by the Southern Pacific Engineering Department for the overhead bridge near the city limits at Montecito, which will eliminate two grade crossings. The plans call for an overhead bridge with deck girder of 30-ft, span with clearance of 14 ft. The abutments will parallel the highway. Work will be started within two months.

Contract Awarded.

SAN JOSE, Santa Clara Co., Cal.—The Supervisors have awarded a contract to S. Scarrino at $1,495 for the construction of a reinforced concrete bridge on Ross avenue over Ross creek. The Surveyor's estimate was $1,650. Other bidders were:

R. H. Jamison	$2,099
Wm. Martin	1,519
F. Bryan	1,632
S. Lambrette	2,240
A. Mattson	1,600

CHURCHES.

SAN FRANCISCO—Church, 2 story and base, reinforced concrete, $50,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, St. Edwards Parish. Location, north California near Laurel. Will contain a large auditorium, Sunday school rooms and social hall. Plans are complete and figures being taken.

SAN FRANCISCO—Church, 1 and 2 story and base, Class C construction, $50,000. Arcihtect, Charles A. Haber, Monadnock Bldg., S. F. Owners, Fitzgerald Memorial Church. Location, South Bush east Taylor. Will contain a main auditorium, Sunday school rooms, pastor's study and social hall. Plans are complete and bids will be called for within a week.

FACTORIES AND WAREHOUSES.

SAN FRANCISCO—Machine shop, 2 story, steel and brick. Cost not stated. Architect, none. Owners, Union Iron Works. Location, 20th and Illinois. Announcement has been made that construction will be started at once on the construction of a large machine shop building and several other important structures at the Union Iron Works plant owing to the award of a contract for building twelve new submarines for the government.

SAN FRANCISCO—Foundry, 1 story mill construction. Cost not stated. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owners, Jewell Steel and Malleable Co. Location, 25th and Potrero, covering an are of 148 by 108 feet. Plans complete and owners taking subfigures. A second unit of this plant will be started at once.

SAN FRANCISCO—Shop building additional story, frame, $4,000. Architect, William Wilde, 46 Kearny street, S. F. Owner, J. B. Reite, 110 Jessie street. Location, 1445 Bush street. Work will consist of raising the present roof and adding one story. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Plant extension, 6, 1 and 2 story, frame, $12,000. Archietct, none. Owners, Pacfiic Tank and Pipe Co., 318 Market street, S. F. Location, Tidal Canal east High street. Work will include the following buildings: One-story saw mill, $1,000; two-story dry kiln, $5,000; one-story two-room power house, $3,000; one-story two-room wood dust bin, $1,200; two-story sawdust bin, $300; two-story barn, $1,200.

WALNUT CREEK, CONTRA COSTA CO., CAL.—Factory and dwellings, 2 story, reinforced concrete or brick, $100,000. Architect, A. B. Benton, 114 North Spring street, L. A. Owners, Pacific Glove Co., represented by E. B. Bull, 15th and Broadway, Oakland. Only preliminary plans for the factory have been drawn, but these show a building covering a large ground area. Construction will be either of brick or concrete. Some 25 or 30 dwellings will also be erected.

EL CENTRO, IMPERIAL CO., CAL.—Warehouse, 1 story, brick, $20,000. Architect, none. Owner, E. N. Smith, Redlands. Location Main street and S. P. right of way, covering an area of 120 by 150 feet. Plans complete and work to be done by Day Labor.

PORTLAND, ORE.—Wagon sheds and stables, 2 story, brick. Cost not stated. Architect, James H. Humphreys, Wells-Fargo Bldg., S. F. Owners, Wells-Fargo Co. Location, 17th and Overton streets, covering an area of 100 by 200 feet. Plans complete and work to be let at once.

FIRE HOUSES AND JAILS

SAN RAFAEL, Marin Co., Cal.—City Clerk Eugene W. Smith will receive bids up to June 4th, 8 P. M., for the removal of all Fire Alarm system appliances from the old department buildings to the new quarters, now under construction at the SW corner of Fifth avenue and "C" street, San Rafael.

Also to construct and erect new circuit from the fire department building to whistle machine located at the Pacific Gas & Electric Company's plant at the SW corner of Third and Lindero streets, San Rafael.

Certified check for 10% payable to Mayor of San Rafael.

FLATS.

SAN FRANCISCO—Flat and store alterations, 3 story, frame, $30,000. Architect, William H. Armitage, 417 Kearny street, S. F. Owner's name withheld. Location, Divisadero street. Work will consist of interior and exterior alterations. Plans complete and figures have been taken.

SAUSALITO, MARIN CO., CAL.—Flat and store, 2 story, reinforced concrete. Cost not stated. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner's name withheld. Will contain a saloon on the first floor and a five room flat above. Plans complete and figures being taken.

GARAGES.

SAN FRANCISCO—Garage and sales rooms, 1 story and base, brick. Cost not stated. Architect, Mathew O'Brien, Foxcroft Bldg., S. F. Owner, Mrs. Annie Shea. Location, Golden Gate avenue west Fillmore, covering an area of 62½ feet by 137½ feet. Plans complete and contract to be awarded at once.

SAN FRANCISCO—Garage, 1 story, reinforced concrete. Cost not stated. Architects, Welsh & Carey, Merchants National Bank Bldg., S. F. Owner, Thomas Lundy. Location, Frederick near Stanyan, covering an area of 108 by 80 feet. Plans complete and figures under advisement.

BAKERSFIELD, KERN CO., CAL.—Garage and sales rooms, 3 story and base, reinforced concrete, $47,000. Architect, Thomas B. Wiseman, Bakersfield. Owner, J. M. Janeson. Location, Chester avenue and 22nd street, covering an area of 122 by 150 feet. Plans are being prepared.

SEATTLE, WASH. — Garage and sales rooms, 4 story and base, reinforced concrete, $150,000. Architects, Howell & Stockes, Henry Bldg., Seattle. Owners, Metropolitan Building Co. Location, University Tract. Plans are being prepared. It has not been fully decided but the building will probably be increased in height to seven stories. Further mention will be made of the work.

Contract Awarded.

SAN FRANCISCO—Garage and sales rooms, 1 story and base, brick or concrete. Cost not stated. Architect, none. Owners, Sperry & Lewis, 3928 Geary street, S. F. Location, northwest Sixth avenue and Geary street, covering an area of 100 by 75 feet. Contractor, M. Fisher, 687 Mission street, S. F. Contract price not stated.

GOVERNMENT WORK & SUPPLIES.

Boise, Idaho, Heating.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for conduit and wiring system and alterations in heating system in the U. S. Assay Office, Boise, Idaho:

T. Donaldson, Boise, Idaho, $1,360, 120 days.

George A. Kees, Domestic Engineering Co., St. Paul, Minn., $1,940, 120 days.

Idaho Electric Supply Co., Boise, Idaho, $1,325, 180 days.

Pumping Machinery, Yuma Project, Ariz.

Schedule of bids for pumping machinery for Yuma Valley drainage plant, specifications No. 361:

Fairbanks-Morse Co., item 1, $13,-[illegible] 2, $11,965; 3, $9,050; 4, $5,700; 5, [illegible] 6, $8[illegible]

Smith-Booth-Usher Co., item 1, $12,-[illegible] 3, $7,550; 5, $650; 6, $7[illegible]

Western Gas Engine Co., item 1, $9,295; 3, $5,993; 5, $785; 6, $8.

Stearns-Roger Manufacturing Co., item 1, $13,800; 3, $9,700; 5, $1,150; 6, $10.

United Iron Works Co., item 1, $10,260; 3, $,440; 5, $2,300; 6, $8 and $3.50.

Nogales, Ariz., Bridge.

No bids were received by the supervising architect, Treasury Department, Washington, D. C., May 10, for constructing a bridge on the customs reservation at Nogales, Ariz.

Denver, Col., Vault Shelving.

The contract for installing metal vault shelving in the U. S. custom house, Denver, Col., has been awarded to H. H. Shults Co., Gowanda, N. Y., at $198.

Hilo, H. T., Furniture.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for installing furniture in the U. S. post office at Hilo, H. T.:

Federal Equipment Co., Carlisle, Pa., $647; 70 days.

John E. Sjostrom Co., Inc., 1715 N. 10th street, Philadelphia, Pa., $625; 100 days.

Pueblo, Co., Repairs, Etc.

The contract for making repairs to, and painting the U. S. post office at Pueblo, Col., has been awarded to W. Elmer Breckenridge, 1412 Lake avenue, Pueblo, Col., at $3,106. The work will be completed within 100 days.

Mare Island, Cal., Shell House, Etc.

The following bids were received May 14, by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing a shell house and laboratory building at the naval ammunition depot, Mare Island, Cal.:

Item 1, work complete; 2, shell house complete; 3, add or deduct from item 2 for addition or omission of each bay 16 feet 7½ inches; 4, add or deduct from item 2, for each bay of 16 feet 7¼ inches, containing a door to be added or deducted from the building; 5, price for laboratory complete; 6, deduct from item 5 for omitting gravel fill and concrete floor; 7, deduct from item 5, for omitting surveillance test room and adjacent porch.

L. G. Bergren & Sons, 347 Call Bldg., San Francisco, item 1, $27 223, 140 days; 2, $23,158, 100 days; 3, $1,879, 5 days; 4, $2,029, 7 days; 5, $4,943, 80 days; 6, $18, 80 days; 7, $1,167, 5 days.

William Knowles, 1501 West Bldg., San Francisco, Cal., item 1, $31,547, 100 days; 2, $26,941, 100 days; 3, $2,767, 15 days; 4, $2,787, 15 days; 5, $4,633, 50 days; 6, $4,633, 50 days; 7, $640, 10 days.

S. J. Weeks, 331 Eldorado street, Vallejo, Cal., item 1, $27,500, 180 days; 2, $23,000, 180 days; 3, $2,100; 4, $2,100; 5, $4,500, 100 days; 6, $26.50; 7, $770, 30 days.

Lang & Bergstrom, 207 Sharon Bldg., San Francisco, item 1, $25,248, 120 days; 2, $21,346, 120 days; 3, $2,240; 4, $2,295; 5, $4,332, 120 days; 7, $1,074.

O. Monson, San Francisco, Cal., item 1, $27,566, 175 days; 2, $22,020, 160 days; 3, $1,975, 150 days; 4, $1,975; 5, $5,546; 7, $1,100.

Anderson & Ringrose, 320 Market street, San Francisco, item 1, $29,926, 200 days; 2, $25,722, 200 days; 3, add $2,500, deduct $2,250; 4, add $2,750, deduct, $2,475; 5, $4,699, 90 days; 7, $3,217, 90 days.

A. H. Vogt, 411 Sharon Bldg., San Francisco, Cal., item 1, $27,730; 75 days; 2, $23,230, 75 days; 3, $1,950, 5 days; 4, $2,000, 5 days; 5, $4,500, 45 days; 6, $25, 45 days; 7, $1,350, 5 days.

Frank Gallagher, 180 Jessie street, San Francisco, Cal., item 1, $25,100, 140 days; 2, $20,950, 130 days, 3, $1,850, 5 days; 4, $1,872, 5 days; 5, $4,150, 45 days; 6, $10, 45 days; 7, $1,050, 8 days.

Grace & Bernieri, 712 Claus Spreckels Bldg., San Francisco, Cal., item 1, $29,163, 120 days; 2, $23,173, 110 days; 3, $2,356, 1 day; 4, $2,382, 1 day; 5, $5,590, 1 day; 6, $332, 3 days; 7, $1,850, 5 days.

Harvey Klyce, 408 Call Bldg., San Francisco, Cal., item 1, $26,685, 40 days; 2, $21,987, 40 days; 3, $1,889, 4 days; 4, $1,908, 4 days; 5, $4,698, 30 days; 6, $51, 1 day; 7, $1,300, 59 days.

San Francisco Circular 246.

Following awards were made by the depot quartermaster, San Francisco, Cal., on schedule 246:

Bid 1. L. Feldman & Co., 108 Davis street, San Francisco, Cal.

2. Haywood Bros. & Wakefield Co., 739 Howard street, San Francisco, Cal.

3. L. Dinkelspiel Co., Inc., 24 Battery street, San Francisco, Cal..

4. Greenebaum, Weil & Michels, 740 Mission street, San Francisco, Cal.

5. Hirsch-Weis Manufacturing Co., 205 Burnside street, Portland, Ore.

6. Pacific Hardware and Steel Co., 700 7th street, San Francisco, Cal.

7. John Rothschild & Co., Market and Spear stret, San Francisco, Cal.

8. Todt & Peters, San Francisco, Cal.

9. Neustadter Bros., 461 Mission street, San Francisco, Cal.

10. A. W. Pike & Co., 711 Mission street, San Francisco, Cal.

11. H. H. Rice Corporation, 26 Exchange Place, New York.

12. The Heyman-Weil Co., 720 Mission street, San Francisco, Cal.

13. Evansville Tool Works, Washington, D. C.

14. Southwestern Broom Co., Wichita, Kan.

15. Baker & Hamilton, 4th and Brannan streets, San Francisco, Cal.

16. Dunham, Carrigan & Hayden Co., 140 Kansas street, San Francisco.

17. Portland Broom Co., 805 Holladay avenue, Portland, Ore.

18. Keyston Bros., 120 2nd street, San Francisco, Cal.

19. W. Davis & Sons, 333 Market street, San Francisco, Cal.

20. The George Lawrence Co., 80 1st street, Portland, Ore.

21. The John Clark Saddlery Co., 104 Front street, San Francisco, Cal.

22. Washington Broom and Woodenware Co., Seattle, Wash.

23. Seller Bros. & Co., 14 Spear street, San Francisco, Cal.

Item 1. 400 axes without handles—Bid 15, 85c ea with handles, per sample.

3. 20,000 bed sheets—Bid 4, 66c ea, sample.

4. 10,000 brooms, corn—Bid 17, 59c ea, sample; delivery at Portland, Ore.

5. 9,000 brushes, scrubbing—Bid 1, 14.5c ea (for 8,400), sample; 12, 18.9c (for 600), sample.

6. 4,000 covers, mattress, $1.70 ea, sample.

7. 300 handles, spade—Bid 6, $3.75 doz.

8. 500 hatchets, camp—Bid 13, 35c ea without handle, sample.

9. 800 handles, hatchet—Bid 15, 5.5c ea, sample.

10. 400 pickaxes—Bid 17, 59c ea, sample; delivery at Portland, Ore.

11. 1,000 cases, pillow—Bid 4, 22.5c ea, sample.

13. 100 slings, bugle—Bid 20, 33c ea.

14. 1,000 straps, telescope case—Bid 21, $5.25 doz for 1 in wide; delivery at Portland, Ore.

15. 3,000 spindles, barrack chair—Bid 2, 3.5c ea.

16. 100 do galvanized, ½x3½ in, for wall pole, hospital tent, tropical—Bid 8, $6 lot.

16. 50 do galvanized, ⅝x11 in, for upright pole, storage tent—Bid 8, $7.50 lot.

HALLS AND SOCIETY BUILDINGS.

SELAM, FRESNO CO., CAL.—Lodge hall, 2 story and base, brick. Cost not stated. Architect's name not given. Owners, Selam Masonic Hall Association. Location, Selam and Grant Sts., covering an area of 72 by 134 feet. Details of this building will be announced later.

BAKERSFIELD, KERN CO., CAL.—Lodge hall and stores, 3 story and base. Class C construction, $69,000. Architects, Thomas B. Wiseman and Charles H. Biggar, Bakersfield. Owners, Odd Fellows' Hall Association. Location, 17th and Chester avenue, covering an area of 62 by 132 feet. Plans complete and figures being taken.

Contract Awarded.

PASADENA, LOS ANGELES CO., CAL.—Country club, 2 story and base, frame, $60,000. Architect, Reginald D. Johnson, Staats Bldg., Pasadena. Owners, Annandale Country Club. Contractor, W. A. Taylor, 966 Elizabeth street, L. A. Contract price, $60,000.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Country club, 2 story and base, hollow tile, $100,000. Architect, B. G. Goodhue, New York, supervising architect, Carlton M. Winslow, Van Nuys Bldg., L. A. Owners, Santa Barbara Country Club. Contractors, Winter & Nicholson, Marsh-Strong Bldg., L. A. Contract price, $100,000.

HOTELS.

SAN FRANCISCO—Hotel addition, 4 story and base, reinforced concrete. Cost not stated. Architect, C. H. Skidmore, Call-Post Bldg., S. F. Owner's name withheld. Location, south Howard east 4th street. Will contain 80 rooms. Plans complete and figures being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel and stores, 3 story and

base, brick, $18,000. Architect, Franklyn E. Warner, San Joaquin Bldg., Stockton. Owner, Jake Meyer. Location, El Dorado and Lafayette streets. Will contain a number of stores on the first floor and about 60 rooms with several public baths on the upper floors. Plans are being prepared.

RED BLUFF, TEHAMA CO., CAL.—Hotel alterations, 3 story, brick. Cost not stated. Architect, none. Owner, Tremont Hotel Co. Work will consist of interior and exterior work. Plans are complete and in the hands of the owner who is taking figures.

Contract Awarded.

CALEXICO, IMPERIAL CO., CAL.—Hotel and stores, 2 story and base, brick and concrete, $25,000. Architect, F. T. Harris, El Centro. Owner, Mrs. Mary A. Emerson. Contractor, J. A. Schwartz Construction Co., Van Nuys Bldg., L. A. Contract price, $25,000.

HOSPITALS.

SAN FRANCISCO—Hospital ward, 2 story and base, reinforced concrete. Cost not stated. Architect, Constructing Quartermaster's Office, Fort Mason. Owners, United States Government. Bids will be opened on June 6th at 11 a. m. for constructing a building 76 by 131 feet. Plans can be secured from the office of the Constructing Quartermaster at Fort Mason. An official proposal appears in another column of this issue.

MARE ISLAND, CAL.—Hospital addition, 3 story, frame, $17,774. Architect, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Lange & Bergstrom, Sharon Bldg., S. F., presented the lowest bid for this work at $17,774. and will probably be awarded the contract. A complete list of these bids appears under the heading of Bids Opened in this issue.

IRRIGATION PROJECTS.

WATER COMMISSION PERMITS.

The State Water Commission, Call-Post Bldg., San Francisco, has granted permits to appropriate water from the sources named as follows:

B. N. Russell of Weed, 3 cubic feet per second of Dutch Creek tributary to Bear Creek in Siskiyou county for placer mining. The works consists of a dam 15 feet high, 50 feet long on top and 10 feet at bottom of loose rock and timber and a main ditch 3½ miles in length. The division is near Gottiville.

The Sespe Light & Power Company of Los Angeles has been granted a permit to appropriate 88 cubic feet of water per second of the waters of Sespe river, tributary to the Santa Clara river in Ventura county for the generation of electric power. The works consist of a diversion and storage dam 175 feet righ, 2,200 feet long on top and 75 feet at bottom of loose rock, concrete masonry, rip-rap, etc., the reservoir formed being capable of impounding 57,000 acre feet of water. The total fall to be utilized is 1,000 feet and it is proposed to generate 960 theoretical horse-power. The main canal and flume is to be nine miles in length and the total estimated cost is given at $2,000,000. The water is to be returned to the Sespe river after use.

The Paradise Irrigation District of Paradise, Butte County, has been granted a permit to appropriate 9500 acre feet per annum of the waters of Little Butte Creek in Butte county to be used on the lands of this newly-formed district comprising some 11,000 acres. The main works consist of a dam 134 feet high, 1250 feet on top and 710 feet at bottom, with a width of 20 feet on top the construction to be of earth hydr. fill, rock rip-rapped face, loose rock or asphaltic concrete back, concrete cut-off wall. The main conduit is to be 7600 feet long. The estimated cost is $350,000, there being three units, the whole to be completed and the water applied within 10 years from time of commencement of construction.

SAN FRANCISCO, Cal.—The Western Gas Engine Co., Rialto Bldg., submitted the lowest bid to the United States Reclamation Service for supplying pumping equipment for the Yuma Valley drainage work at Yuma, Ariz. Their bids was $9,295 with an alternative of $5,993.

SCOTT VALLEY, Siskiyou Co., Cal.—State Engineer W. F. McClure and Assistant State Engineer Major Paul M. Narboe state the proposed Scott Valley Irrigation District of 5,558 acres, is feasible and will be approved by the State Department of Engineering. The water is to be secured from thhe Scott river.

The State Water Commission, Call-Post Bldg., San Francisco, has granted permits to appropriate water from the sources named:

The Potter-Hoffman Land Company of Alturas, 1408 acre feet per annum of Janes Flat Drainage area tributary to Willow Creek in Modoc County for irrigation on 526 acres. There is a low division and storage dam and a main ditch 3¼ miles long, the estimated cost of the division being given as $3000.

The West Side Irrigation District, with headquarters at Tracy, San Joaquin county, has been granted a permit to use 220 cubic feet per second of the waters of Old River, tributary to the San Joaquin river, to be diverted at a point near Bethany for the irrigation of 11,377 acres of land within that newly formed district. The main works consist of the following equipment: three sets of pumps connected to 150 H. P. motors lifting the water to the 52-foot contour main canal and four other pumps connected to 300 H. P. motors lifting to the 105 foot contour main canal. From these two main canals, the water will be distributed over the lands. All pumps are 15 inch and the pipe lines conducting the water to the main canals total over 3 miles in length.

Contract Awarded.

The formal award of contracts fo construction of all work in the Paradise Irrigation District, Butte County, has been awarded W. A Kraner & Son, Rialto Bldg., San Francisco, has secured practically all of the work

Kraner's contracts were awarded on the following basis:

Main canal, dam to head of pipe system, $11,375.

Redwood stave steel banded pipe, 33 miles, $129,962.

Balancing reservoirs, pumping station, pressure, controls, valves and fittings, $31,625.

The 90-ft. hydraulic dam at Magalia, with outlet tunnel, spillway and control works, will be built by the District Engineer, Ivan E. Goodner, who has contracted the furnishing of materials and labor to W. A. Kraner, on a basis of cost plus a flat sum of $9,000.

MUSEUM.

SAN FRANCISCO—Museum granite coping and pedestal, $40,000. Architect, Herbert Schmidt, Lick Bldg., S. F. Owners, City and County of San Francisco. Funds from the Maria Becker gift have been formerly accepted and construction will be started as soon as plans have been formally approved by the Park Commissioners.

MAUSOLEUM.

OAKLAND, ALAMEDA CO., CAL.—The Orange County Engineering & Construction Company of Anaheim has been awarded the contract on a percentage basis to erect a $100,000 mausoleum at the Evergreen Cemetery on Foothill Boulevard, Oakland, for the Pacific Mausoleum Company, 504 Union Savings Bank Bldg., Oakland. The building will be of reinforced concrete with marble and bronze trim and will contain from 600 to 700 crypts. H. Clay Kellogg of Santa Ana is the construction company's chief engineer and is in Oakland with the Pacific Mausoleum Co. Plans were prepared by B. J. S. Cahill, Union Savings Bank Bldg., Oakland.

POWER PLANTS.

Contract Awarded For Tunnel.

JEROME, Ariz.—Potter Construction Company has been awarded the contract to construct a 13,500-foot tunnel for the Verde Extension. It will connect with the 13th level of the mine, will accommodate 30-ton cars, and cost approximately $500,000. The rock to be cut will be diorite, quartz-porhyry, and limestone. Dan J. O'Rourke, formerly with the Sullivan Machinery Company of Chicago, will have charge of the work.

SEATTLE, Wash.—Plans for a $3,000,000 addition to the city power system have been completed by Superintendent of Lighting J. D. Ross and bids for construction will be called for in July.

YUMA, Ariz.—F. E. Trask, C. E., Union Oil Bldg., Los Angeles, has presented his report to the City Council on the proposed acquisition or construction of water system and gas plant. He estimates that it will cost approximately $162,420 to purchase the [illegible] and gas plant now owned by the [illegible] Water, Gas & Power Company, and $129,460 for makers needed improvements, including $25,000 for

water pipe lines, $12,430 for reservoir, $6000 for settling basin, $5000 for machinery, $2000 for hydrants, $2000 for service connections, $8000 for fire engine and house and $10,000 for improvements to the gas plant. The construction of new plants will cost about $363,987.

SAN BERNARDINO, San Bernardino Co., Cal.—Bids will be received by the Board of Water Commissioners up to 4 P. M. of June 4, for furnishing the following material:

Starter, 22 feet long, 16-inches in diameter, No. 10 Red steel, the first 12 ft. to be made 3-ply, the remaining 10 ft., 2-ply.

Starter ring, 16x12x1-in.; ⅛-in., Vulcan bit steel, punched.

Casing: 1600 ft. of sections 16-in. diameter No. 10 Red steel in either 2, 3, or 4-ft. lengths, riveted.

Casing: 200 ft. 16-in. No. 10 double Red steel, in 2, 3, or 4 ft. lengths, riveted.

Certified check for 10% payable to the president of the board, required. Ralph E. Swing is president of the board.

SEATTLE, Wash.—The Board of Public Works will receive bids up to July 20th for the construction of the proposed addition to the city hyrdo-electric power system. It is expected that at least three proposals will be received. Construction is estimated to cost $3,000,000. Plans were prepared by City Superintendent of Lighting J. D. Ross.

PASADENA, Los Angeles Co., Cal.—Bids will be received by the City Clerk up to 10 A. M., June 8th, 1917, for the construction of an electric ornamental lighting system on Lester avenue from Orange Grove avenue to Rosella Drive. Check for 10% to accompany all bids. Herman Dyer is City Clerk. The work will require twenty-nine cast iron and copper posts, transformers, conduits, lamps, wires and other material per specifications in intention ordinance No. 3979.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN FRANCISCO, Cal.—The Board of Public Works has awarded a contract to H. S. Tittle, 245 Minna St., for conductors for the Church Street line and has requested the Board of Supervisors to appropriate $7,476 to cover the cost of the contract.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story and base, frame, $2,000. Architect, none. Owner, W. J. McKillop, 640 Cole street. Location, east 48th avenue south Balboa. Will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $5,000. Architects, Heiman & Schwartz, 212 Stockton street, S. F. Owner, Henry Clift. Location, St. Francis Wood. Will contain seven rooms and bath. Separate garage. Plans complete and new figures being taken.

SAN FRANCISCO — Residence, 2 story and base, frame, $8,000. Architects, Koenig & Christiansen, Humboldt Bank Bldg., S. F. Owner, Mrs. M. Koenig. Location, 14th avenue and Clement street. Will contain eight rooms, two baths and separate garage. Plans being prepared.

SAN FRANCISCO — Residence, 2 story and base, frame, $10,500. Architect, none. Owners, Allen & Co., 125 Sutter street, S. F. Location, north El Camino Del Mar east 32nd avenue. Will contain ten rooms, three baths and garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, $4,000. Architect, none. Owners, Leigh & Schultz, 739 34th avenue, S. F. Location, west 19th avenue north Cabrillo. Will contain seven rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, $2,500. Architect, none. Owners, F. Nelson & Sons, 2701 Lincoln Way, S. F. Location, northeast Portola Drive and 14th avenue. Will contain five rooms, bath and basement garage. Plans complete and work to be done by Day Labor.

OAKLAND, CAL—Residence, 1 story and base, frame, $1,500. Architect, none. Owner, Joe St. Mary, 2228 Auseon avenue, Oakland. Location, north Peach east 69th avenue. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $15,000. Architect, William E. Milwain, Albany Bldg., Oakland. Owner, A. W. Clark. Location, Sierra avenue. Will contain twelve rooms and three baths. Sleeping porches and separate garage. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,200. Architect, none. Owner, Ira E. Fountain, 4322A 22nd street, San Francisco. Location, north Derby west Mabel. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $4,500. Architect, none. Owner, Thomas White, 414 36th street, Oakland. Location, southwest 42nd and Emerald streets. Will contain nine rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, M. Hollsted, 1009 East 14th street, Oakland. Location, south Valla Vista avenue east Santa Clara. Will contain five rooms and bath. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,000. Architect, none. Owner, A. K. Harmon, Jr., 1842 12th avenue, Oakland. Location, east Derby north East 12th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, $4,000. Architect, W. E. Schirmer, Dalziel Bldg., Oakland. Owner, F. R. Jordan. Location east Harvard Road north Annerly. Will contain six rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,500. Architect, none. Owner, E. M. Marquis, 2827 Russell street, Berkeley. Location, west 54th avenue south East 14th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

OAKLAND, CAL. — Residence, 1 story and base, frame, $2,500. Architect, none. Owner, M. C. Vaughn, 5883 Ayala street, Oakland. Location, west 18th avenue north East 14th street. Will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 1 story and base, frame, $1,200. Architect, none. Owner, A. Virzi, 2414 Bryon street, Berkeley. Location, east Bryon south Channing Way. Will contain four rooms and bath. Plans complete and work to be done by Day Labor.

ALBANY, ALAMEDA CO., CAL. — Residences, 46, 1 story and base, frame, $1,500 each. Architect, none. Owner, C. M. MacGregor, 470 13th St., Oakland. Each house will contain five rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, $15,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. I. H. Crosby. Will contain ten rooms, three baths and sleping porches. Separate garage. Plans complete and figures being taken.

OAKLAND, CAL. — Residence, 1 story and base, frame, $1,500. Architect, none. Owner, W. H. Wheeler, 3105 Woodbine avenue, Oakland. Location, south Woodbine avenue west Fruitvale. Will contain five rooms, bath and sleping porch. Plans complete and work to be done by Day Labor.

ROSS VALEY, MARIN CO., CAL.—Residence, 1½ story and base, frame, $2,500. Architects, O'Brien Bros., 240 Montgomery street, S. F. Owner, A. Gunzendorfer. Will contain six rooms, bath and sleeping porch. Plans complete and figures being taken.

FRESNO, FRESNO CO. CAL.—Residence, 1 story and base, frame, $3,000. Architect, none. Owners, Alta Vista Homes Co., Fresno. Location, Alta Vista Tract. Will contain eight rooms, bath and sleeping porch. Plans complete and work to be done by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, $3,800. Architect, none. Owner, N. C. Buwalds, 901 Mono street, Fresno. Location, Iowa Addition. Will contain seven rooms, bath and sleeping porch. Separate garage. Plans complete and work to be done by Day Labor.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, hollow tile. Cost not stated. Architect, Frank L. Meline, 6778 Hollywood Boulevard, L. A. Owner, Mr. Graham. Location, Laughlin Park. Will contain fourteen rooms and four baths. Separate garage. Plans are being prepared.

SAN FRANCISCO — Residence, 2 story and base frame, $7,500. Architect, August Nordin, Mills Bldg., S. F. Owner's name withheld. Location,

Ocean avenue. Will contain eight rooms, two baths and basement garages. Plans complete and figures being taken.

SAN FRANCISCO — Residence, 1 story and base, frame, $2,500. Architect, none. Owner, John T. Trainor, 6315 Geary street, S. F. Location, east 22nd avenue north Anza. Will contain six rooms and bath. Basement garage. Plans complete and work to be done by Day Labor.

SAN FRANCISCO — Residence, 3 story and base, frame, $35,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, George B. Cooper. Location, north Pacific east Steiner. Will contains fourteen rooms, three baths and conservatory. Separate garage. Plans complete and figures being taken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, $7,000 each. Architect, Edward E. Young, 251 Kearny street, S. F. Owner, Georgiana M. Perkins. Location, north Washington west Buchanan. Each house will contani eight rooms and two baths. Basement garages. Plans complete and work to be done by Day Labor.

Contracts Awarded.

OXNARD, VENTURA CO., CAL. — Residence, 2 story and base, hollow tile, $15,348. Architect, Alfred F. Priest, Fay Bldg., L. A. Owner, Louis Maulhardt. Contractor, Thomas Carroll, Oxnard. Contract price, $15,348.

PENDLETON, ORE.—Residence, 2 story and base, frame, $20,000. Architec,t Raymond W. Hatch, Pendleton. Owner, L. L. Rogers. Contractor, O. Koeppen, Portland. Contract price, $20,000.

SEWERS, STREET WORK & WATER SYSTEMS.

DALY CITY, San Mateo Co., Cal.—Bids will be received until June 11, 1917, 8 P. M., for the improvement of Sections A, B, C, D, E, F, G and H, by grading, construction of combination cement gutters and armored cement concrete curbs and cement concrete sidewalks; 4,6 and 12-inch vitrified, salt-glazed, iron stone pipe, lateral sewers, with wyes of same material; storm water sewers together with laterals, brick catch basins and brick manholes; an asphaltic concrete pavement consisting of a 4-inch cement concrete base and 1½-inch asphaltic concrete surface be constructed in the roadway; a vitrified brick pavement, laid upon a 4-inch cement concrete base, 10-feet wide, etc.

RED BLUFF, Tehama Co., Cal.—County Clerk H. G. Kuhn will receive bids up to June 12th, 10 A. M., for paving the Kauffman causeway, in road district No. 3, in accordance with specifications namely: Specifications for paving of the Gridley design and specifications for the Topeka design.

Certified check of 10% payable to Chairman of the Board of Supervisors.

OLYMPIA, Wash.—Bids will be received up to June 11th by James Allen State Highway Commissioner, for grading, clearing and draining of about 5 miles of the Olympic Highway between the head of Discovery Bay and the Clallam County line in Jefferson County.

MILL VALLEY, Marin Co., Cal.—Town Clerk Will Falley will receive bids up to June 6th 8 P. M., for the following work:

That portion of Miller Ave., Throckmorton Ave., Bernard, Corde Madera Ave., Blithedale Ave., portion of County Road, etc., be graded, construct concrete curbs and gutters of hydraulic, concrete sidewalks, a reinforced concrete sidewalk bridge, that culverts of corrugated iron, of cast iron and of vitrified pipe, with branches, concrete storm-water catchbasins with cast iron frames and gratings, survey monuments, and concrete park curbings, pave with two and three inch bituminous concrete wearing surface laid on a four-inch hydraulic concrete base, of various widths.

Also a separate proposal for the following work:

That Throckmorton avenue from the SW line of Miller avenue, projected NE to the NE line of Cascade Drive be improved as follows:

That the roadway thereon be graded; concrete curbs and gutters be constructed; concrete storm water catchbasins with cast iron frames and gratings, corrugated iron culverts and branches, concrete retaining wall, survey monuments, and concrete park curbings, be constructed and the roadway be paved with 2" bituminous concrete wearing surface laid on a 4" hydraulic concrete base of various widths.

Certified check of 10% payable to Town of Mill Valley. Will Falley is Town Clerk.

,13104 and 13105) 1st report Dec. 26, 1916; 4th May 4, 1917.

SEATTLE, Wash.— The Sparger Concrete Co., Colman Bldg., Seattle, submitted the lowest bid to the Board of Public Works for the improvement of Rainier avenue from Thistle to Barton at $44,101.

McGuire Bros., 573 1st avenue, West, submitted the lowest bid for the paving of Occidental avenue. Prop. No. 1, $73,315 and Prop. No. 2, $71,759.

SANTA ANA, Orange Co., Cal.—The Board of Supervisors has given permission to Supervisor Leck to purchase a tractor engine through the office of the purchasing agent to be paid out of the general road fund of the Fifth District.

LOS ANGELES, Cal.—Bids will be received by the Board of Public Works up to 10 A. M. of June 4, for the construction of Point Firmin temporary outfall sewer north of the U. S. Breakwater, between Pacific avenue and the outed harbor, in the San Pedro district. Plans and specifications are on file at the office of the City Engineer, 405 So. City Hall Annex. Certified check or bond for 10% required. Horace B. Ferris is secretary of the board. The quantities involved are as follows: 192 lin. ft. of 8-inch cast iron pipe consisting of eight 12-foot lengths of 8-inch cast iron bell and spigot pipe and 8 12-ft. lengths of 8-inch cast iron flexible joint pipe; 25 lin. ft. of 8-inch vitrified pipe sewer; 825.81 lin. ft. 10-inch vitrified pipe sewer, including 8 10x6 T's, making a total of 1042.81 feet; two manholes; one junction chamber; three manhole cover sets, and 3.9 cu. yds. of concrete.

RIO VISTA, Solano Co., Cal.—F. J. Kalber, Town Clerk, will receive bids up to June 7th 8 P. M., for the improvement of the easterly one-half of Fourth street and the westerly one-half of Third street between Montezuma and California streets.

SOUTH BEND, Wash.—The Pacific County Commissioners will receive bids up to June 8th for the following projects:

The clearing, grubbing, grading, draining and placing of a gravel macadam surface on Permanent Highway No. 3-B, beginning at a point approximately 2½ miles north of Illwaco on the Peninsula Highway, and extending N 4 miles. The clearing, grubbing, grading and draining of 1½ miles of the Wallapa-Monohon Landing Road, extending from a point in the SW ¼ of Sec. 22 to the north line of Sec. 21, T. 14 N. R. 8 W. W. M. The clearing, grubbing, grading and draining of about ¾ mile of the Menlo-South Fork Road, extending from a point in Lot 2, Sec. 10, to a point in Lot 3, Sec. 9, T. 13 N. R. 8 W., W. M.

Chas. S. B. Henry is County Engineer.

OAKLAND, Alameda Co., Cal.—A three mile strip of standard asphalt pavement will be laid on E-Fourteenth street, between Fiftieth avenue and the San Leandro line, according to Commissioner Baccus. The City of Oakland will pay $200,000 toward this work and Alameda County $100,000. Bids will be called for shortly.

SACRAMENTO, Cal.—Bids will be received by the Board of Supervisors up to June 5th, 10 A. M., for the construction of a portion of the improvements included in the report of the Sacramento County Highway Commission, as follows: Grading and paving on Highway No. 1, Marysville Road, in accordance with the requirements of Highway Commission Specifications No. 11.

E. P. Pfund is County Clerk and Robt. E. Callahan, Chairman of the Board of Supervisors.

REDWOOD CITY, San Mateo Co., Cal.—The City Council has decided to proceed with the long delayed work on Main street from the railway crossing to Five Points and Broadway from the S. P. Depot to El Camino Real.

SANTA BARBARA, Santa Barbara Co., Cal. — The Fairchild-Gilmore-Wilton Company, 607 S-Main St., Los Angeles, Cal., was the lowest bidder at $61,095 for improving portions of Bath street and other streets. The paving will be of Warrenite. The improvement will be 8 670 feet in length and 30 feet wide. The work will involve 249,700 sq. ft. of Warrenite paving on 4-inch concrete base, 10,300 lin. ft. of cement curb, 233 sq. ft. of cement sidewalk, and 53,700 sq. ft. of cement gutter. The other bids were: Bryant & Austin, $63,027, and George Majors, $67,337. The bids were taken under advisement until May 24.

FRESNO, Fresno Co., Cal.—U. S. Highway Engineer Charles C. Morris states that work on the six mile scenic road along the western and northern shores of Huntington Lake will be started in July. The work will cost $14,000, borne equally by the Government and the County.

FRESNO, Fresno Co., Cal.—The City Council has ordered bids receiv-

ed for the paving of H street and Park Boulevard to Dry Creek.

NAPA, Napa Co., Cal.—N. W. Collins, County Clerk, will receive bids up to June 7th, 10 A. M., for the laying out erection and construction of a concrete highway from a point on the road running S from Napa to the City of Vallejo, known as the "Fairfield Road," immediately below Greenwood Hill on said Napa and Vallejo road; thence running S. following said Napa and Vallejo road, to a point thereon forming the intersection of Napa and Solano Counties, totaling about 4.76 miles.

All bids shall be made in triplicate, the first providing,

That the contractor himself shall furnish all materials of every nature, kind and description;

The second, specifying in the bid that the County furnish the cement and rock;

The third, specifying that the Couity furnish the rock.

All bids are to be compared on the basis of Napa County's Engineer's estimate of the quantities of work to be done, as follows:

Item 1. 10,500 cubic yards excavation without classification.

Item 2. 7,100 cubic yards Class "A" Portland cement concrete, (pavement).

Item 3. 140 cubic yards Class "A" Portland cement concrete (culverts).

Item 4. 120 lineal feet 15-inch corrugated metal pipe.

Item 5. 110 lineal feet 18-inch corrugated metal pipe.

CALEXICO, Imperial Co., Cal.—Bids will be received by the City Clerk up to 7:30 P. M., of June 5, for furnishing a combination street flusher and sprinkling wagon. The tank shall have a capacity of 650 gallons. Bids are to be submitted for both horse-drawn and motor apparatus, and to be accompanied by full description and cut. Certified check for 10% required. F. P. Green is the City Clerk.

YUMA, Ariz.—Bids will be received by the City Clerk up to 8 P. M. of June 12 for the construction of sanitary and storm sewers estimated to cost $30,000. Plans and specifications are on file at the office of E. W. Dahl, city engineer. S. Frank Stanley is the City Clerk.

RICHMOND, Contra Costa Co., Cal.—Bids will be received by City Clerk A. C. Faris up to 8:30 P. M., June 4th:

That 6-inch salt glazed vitrified pipe sewers be constructed as follows:

In Bay View avenue, from the existing lamphole, 110.2 feet W from the SW line of San Pablo avenue to the sewer to be constructed hereunder in San Pablo avenue.

In Wenk avenue, from a point 19.52 feet from the most S end of said Wenk avenue, to the sewer to be constructed hereunder in San Pablo avenue.

In Orchard avenue, from the sewer to be constructed hereunder in San Pablo avenue to a point 700 feet SW therefrom.

In San Pablo avenue, bet. the center line of Bay View avenue extended, and a point 129.4 feet SE from the center line of Orchard avenue, extended.

That manholes of brick and concrete lampholes of vitrified, salt glazed sewer pipe, and wye branches of standard, salt glazed, vitrified sewer pipe be constructed on said sewers.

RICHMOND, Contra Costa Co., Cal.—The City Council has adopted plans and specifications for the improvement of portions of certain streets in the Canal Subdivision; portions of Portola avenue and Fifteenth street and Burbeck avenue from 20th to 23rd streets. Bids will be called for shortly on these projects.

SAN RAFAEL, Marin Co., Cal.—City Manager F. J. Boland has been appointed by the City Council as City Engineer.

SAN RAFAEL, Marin Co., Cal.—The City Council at its last meeting ordered the improvement of the following streets:

Fifth street from B to H; West, Hart, Jessup and East streets, Watt avenue, Villa avenue between Myrtle and Glen Park avenue, Grand avenue from Acacia to Belle avenue, Tamalpais avenue from Mission to Laurel Place.

Sidewalks were ordered in Laurel Place, Pacheco street from Belle avenue to Petaluma avenue, Irwin to Pacheco street, C street from Bay View to Mahon Creek, Taylor street from D to E street.

BAKERSFIELD, Kern Co., Cal.—City Clerk J. E. Graffius will receive bids up to June 4th, 8 P. M., for the following work:

That First Alley S of Nineteenth street lying bet. the W property line of "G" street and the E property line of Spruce street, be graded and subbase tamped, and that cement concrete pavement with a sheet asphalt wearing surface; cement concrete curbs and gutters, be constructed thereon, bet. the points hereinbefore designated.

LOS ANGELES, Los Angeles Co., Cal.—Bids will be received by the Board of Public Works up to 10 A. M. of June 4, for improving Hoover street from Vernon avenue to the produced N line of Fifty-second street, extending E from Hoover street, and portions of 45th, 46th, 47th, 48th, 49th streets; 49th Place; 50th street; 51st Place, and 51st street, by the construction of asphalt paving, cement curbs, cement sidewalks, granite block and concrete gutters. Ord 36,564.

Separate proposals will also be received at the same meeting for constructing a vitrified pipe sanitary sewer in Ninth street from a line parallel to and 25 feet W from the E line of Santa Fe avenue (bet. Ninth street and a point 100 feet S therefrom) to a point 610 feet E from said parallel line. Ord. 36563.

FRESNO, Fresno Co., Cal.—City Clerk W. H. Ryan will receive separate bids up to June 4th, 5 P. M., for the following work:

That a six-inch sewer be constructed from a manhole on Orchard street, opposite the alley in Sohm's 2nd addition, through the center of the alley in Sohm's 2nd addition, to a point within ten feet of the E line of said Sohm's 2nd addition, with a four-inch on six-inch Y for each twenty-five feet frontage on said alley, the four-inch branch to be capped with an earthen cap; a six-inch inspection hole to be constructed.

The sewer to be laid upon a uniform grade of four-tenths per cent (.4%).

The pipe to be of the best quality vitrified, salt-glazed ironstone pipe. In refilling, all material used on the street or sidewalk to be carefully puddled and tamped.

That Grant avenue from the W line of North First street to the W line of North Ninth street, be graded, curbed with cement concrete curb, oiled and culverted with corrugated iron culverts.

Also that artificial stone sidewalks be laid on each side of Grant avenue, from the W line of North First street to the W line of North Ninth street.

That "H" street from the NW line of El Dorado street to the E line of Roosevelt avenue; also that Park boulevard, from the W line of Roosevelt avenue to a point 35 feet SW from the center line of Dry Creek, and from a point 30 feet NW from the center line of Dry Creek to the W city limits; also that the intersection of Roosevelt avenue, between the E termination of Park boulevard and the W termination of "H" street, be graded, curbed and guttered with cement concrete curb and gutter, paved with a pavement consisting of a 4-inch cement concrete base and a 1½-inch Bitulithic wearing surface, and culverted with corrugated iron culverts.

Contract Awarded.

SACRAMENTO, Cal.—The following contracts were awarded Friday by the Sacramento County Supervisors for highway improvement:

Highway No. 2, "H" street road grading and paving, awarded to Burns, Jacinto & Da Rosa of Sacramento for $59,982. Bridges and culverts on the same road also awarded to Burns, Jacinto & Da Rosa for $5,690.40.

Highway No. 13, Sacramento-Freeport Road, grading and paving, awarded to The Contra Costa Construction Co., 2323 Shattuck Ave., Berkeley, Cal., for $47,043; Bridges and culverts for same road awarded to Jenkins & Wells, 3530 "Y" street, Sacramento, for $5,362.

Pocket Road—bridges and culverts awarded to Jenkins & Wells for $5,702.20. No bids were received for paving and grading for Pocket Road. New bids will be called for shortly.

All bids were rejected for the grading and paving of Highway No. 1, Marysville Road, and new bids have been called to close June 4th.

OXNARD, Ventura Co., Cal.—Fairchild-Gilmore-Wilton Company, Pacific Electric Bldg., Los Angeles, was the lowest bidder and was awarded the contract at $104,556.53 for improving Magnolia avenue from F street to Savier's road, all of the roadways of First, Second, Third and Fourth streets from F street to D street, and other streets, by grading and paving with both cement concrete base and asphalt concrete wearing surface, and bituminous base and 1½-inch asphalt concrete surfacing, and constructing cement curbs, gutters, sidewalks, etc. The approximate quantities are: 450,000 sq. ft. 3½-inch bituminous base and 1½-inch bituminous wearing surface; 140,000 sq. ft. 4-inch concrete base and 1½-inch bitulithic wearing surface; 18,500 lin. ft. curb; 35,000 sq. ft. gutter; 320 lin. ft. corrugated iron and concrete culverts.

The other bids were: Bryant & Austin, $112,222.34; Johnson & Shea, $115,274.46; Geo. Majors (California-Arizona Construction Co.) $116,788.61.

EUREKA, Humboldt Co., Cal.—The County Supervisors have awarded a contract to the Western Motor Drayage Co., 373 Noe street, San Francisco, for surfacing the Ferndale-Waddington road with "roadalite" pavement on their bid of $4,000.

FRESNO, Fresno, Co., Cal.—The contract for the paving of Ventura and R streets has been awarded by the City Council to the Worswick Paving Co., Union National Bank Bldg., Fresno.

VENTURA, Ventura Co., Cal.—C. H. Hudson, Trust & Savings Bldg., Los Angeles, was the lowest bidder and was awarded a contract at $14,081.41 for grading and constructing concrete pavement and culverts on 4.11 miles of Division 2 of the Somis to Moorpark road. The other bids were as follows: Andrew Holloway, $14,317.50; Connor Constructing Co., $17,477.70; and Isbell Construction Co., $18,807.20.

The Fairchild-Gilmore-Wilton Co., 507 S-Main St., Los Angeles, was the lowest bidder at $16,040 and was awarded the contract for surfacing 4.5 miles of highway in Ventura County. George J. Majors submitted a bid of $22,055.

Andrew Holloway, 471 S-Broadway, Pasadena, was the lowest bidder and was awarded a contract at $9416.30 for grading and constructing concrete paving and concrete culverts on 1.74 miles of Division 5, Wells road through Saticoy. R. M. Davis submitted a bid of $10,280.66.

SACRAMENTO, Cal.—The following official awards of contracts were made on Wednesday by the State Highway Commission for highway construction and highway bridges in various counties:

Siskiyou County, three reinforced concrete bridges, across Little Castle Creek, Greenhorn Creek, and Yreka Creek (I-Sis-3-A & B), being respectively 84 feet long, 6 feet long, and 42 feet long. Awarded to John H. May of Napa for $6,525.

Engineer's estimate, $7,979.62.

Solano County, from westerly boundary to Cordelia (III-Sol-8-A), about 3.46 miles in length, to be paved with Portland cement concrete. Awarded to Harlan & Harlan of Williams, Cal., for $26,976.75.

Engineer's estimate, $35,624.13.

Alameda County from Santa Rita to Dublin (IV-Ala-5-B), about 3.2 miles in length, to be paved with Portland cement concrete awarded to Bates, Borland & Ayer, Oakland Bank of Savings Bldg., Oakland, for $29,306.

Engineer's estimate, $36,154.85.

Los Angeles County, from Castaic to Castaic School (VII-L.A.-4-A), about 4.1 miles in length, to be paved with Portland cement concrete awarded to Brashear-Burns Co., of Hollywood, Cal., for $28,093.30.

Engineer's estimate, $34,323.13.

Santa Barbara County, from Las Cruces to Gaviota Pass (V-S.B.-2-E), about 2.9 miles in length, to be graded. Awarded to Ira Hodson of San Luis Obispo, Cal., for $59,949.83.

Engineer's estimate, $68,146.76.

BAKERSFIELD, Kern Co., Cal.—The Kern County Supervisors have awarded contracts for highway work as follows:

Construction of the Farland-Wasco Road to George S. Benson & Sons, 531 Stimson Bldg., Los Angeles, at $44,548.15. Other bidders were:

Mesmer & Rice, $46,845.20; James H. Schafer, $46,967.95 and L. G. Garnsey, $49,887.20. The contract calls for 10.81 miles of paving.

Construction of the Weed Patch Loop Road (calling for 8.31 miles) from Alexander's Corners to a point half way to Edison to L. G. Garnsey, 514 Central Bldg., Los Angeles, at $68,780.45. Other bidders were:

George S. Benson & Sons, $69,973.40; M. T. Schafer, $73,335.10; and Mesmer & Rice, $81,573.50.

BAKERSFIELD, Kern Co., Cal.—The City Council has awarded a contract to Lloyd S. Stroud for the following work:

To construct 6 and 8-inch sewer of vitrified salt glazed sewer pipe and construct manholes, lampholes, and Y's for house connections at certain points along the center line of the first Alley S of Fremont street, beginning at a point 31.75 feet E from the W line of Beale avenue; thence W along the center line of said Alley 460.5 feet, etc.

SCHOOLS.

ESPARTO, YOLO CO., CAL. — School, 1 story and base, reinforced concrete. Cost not stated. Architect, W. H. Weeks, 75 Post street, S. F. Owners, Esparto School District. Will contain four class rooms and a small library. Plans complete and figures being taken.

SUTTER CITY, YUBA CO., CAL.—School gymnasium, 1 story, frame. Cost not stated. Architect, Chester Cole, Waterland Bldg., Chico. Owners, Union High School Disrtict. The work will also include a septic tank. All former bids have been rejected and new bids are now being taken. Plans can be secured from the architect.

OROVILLE, BUTTE CO., CAL.—School, 1½ story and base, concrete and hollow tile, $60,000. Architects, N. W. Sexton & Co., Merchants' National Bank Bldg., S. F. Owners, Oroville Union High School District. Will contain seven class rooms, auditorium and departments for manual training and domestic science. Plans complete and bids to be called for within a week or ten days.

COALINGA, FRESNO CO., CAL. — Schools, 3, 1 and 2 story and base, brick and concrete, $100,000. Architect, Ernest J. Kump, Rowell Bldg., Fresno. Owners, City of Coalinga. Bonds for these buildings have just been voted. The architect is now engaged on the working drawings. Further mention will be made of the work.

SEATTLE, WASH.—School, 4 story and base, reinforced concrete, $350,000. Architect, Edgar Blair, Central Bldg., Seattle. Owners, City of Seattle. Location, block bounded by East 66th, 15th avenue and 12th avenue N. E. Only preliminary plans have been prepared, but it is the intention to provide for at least 1,000 pupils in this building. Further mention will be made of the work when plans have been completed.

ELKO, NEVADA—School, 2 story and base, brick, $165,000. Architects, Dickey & Donovan, Dalziel Bldg., Oakland, Cal. Owners, City of Elko. The building will contain fourteen class rooms and departments for manual training and domestic science. Plans are complete and figures being taken.

Contracts Awarded.

HYDE PARK, LOS ANGELES CO., CAL.—School addition, 1 story, reinforced concrete, $11,700. Architect, Beverley Keim, Jr., Haas Bldg., L. A. Owners, Hyde Park School District. Contractors, Willard-Brent Co., Baker-Detwiler Bldg., L. A. Contract price, $11,700.

MONROVIA, LOS ANGELES CO., CAL.—School, 1 story and base, reinforced concrete, $32,660. Architects, Wilson & Eager, American National Bank Bldg., Monrovia. Owners, City of Monrovia. Contractor, George A. Daniels, 916 Herkimer street, Pasadena. Contract price, $32,660.

STORES AND OFFICES.

SAN FRANCISCO—Office addition, 2 story, reinforced concrete, $25,000. Architect, Sylvain Schnaittacher, 233 Post street, S. F. Owners, Healds Business College. Location, northwest Post and Van Ness avenue. Plans are being prepared.

SAN FRANCISCO—Loft addition, 2 story, brick. Cost not stated. Architects, Ward & Blohme, Alaska-Commercial Bldg., S. F. Owners, Cudahy Packing Co. Location, Union street near Battery, covering an area of 75 by 120 feet. Plans complete and figures being taken.

SAN FRANCISCO—Loft, 2 story and base. Cost not stated. Architect, W. H. Armitage 417 Mongomery staeet, S. F. Owner's name not given. Location, Main street near Mission. Will contain stores on the first floor and lofts above. Plans being prepared.

SAN FRANCISCO—Loft, 2 story and base, brick, $10,000. Architect, W. H. Armitage, 417 Montgomery street, S. F. Owner, Miss Brittan. Location, Commercial near Front. Will contain a store on the first floor and lofts above. Bids have been taken under advisement.

SAN FRANCISCO—Office lobby alterations, $2,500. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Herbert Law. Location, ground floor, Monadnock Bldg., Work will consist of new fronts and resetting tile and marble work. Plans have been prepared.

MODESTO, STANISLAUS CO., CAL.—Stores and offices, 2 story and base. Class C construction, $30,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owners represented by G. H. Umbsen & Co., 20 Montgomery street, S. F. Location, northwest 11th and J streets, covering an area of 50 by 140 feet. Plans complete and figures being taken.

Contract Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores and lofts, 2 story and base, brick and steel, $33,000. Architect, Franklyn E. Warner, San Joaquin Bldg., Stockton. Owners, City Development Co. Contractors, Daniels & Green, Stockton. Contract price, $33,000.

SEALED PROPOSALS

PROPOSAL FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1146 Office General Purchasing Officer, Panama Canal, Washington D. C. Sealed bids will be received here until June 9 under proposal 1146 for furnishing 500 spark plugs, 1 band saw, milling outfit, motor drive, 200 casings for tires and 200 inner tubes, building hardware tool steel, 113,000 lbs galv sheet iron and steel, 75,000 pounds barbed wire, 2,000 ft galv seizing wire, 3,000 lbs galv steel wire, 70 sheets zinc, 200,000 index cards, 15 gross pencils, 250 gross do, 2,500 lbs paper, 6,000 lbs onion skin paper, 800 reams do, 50,000 manila tags, 2 sail makers machines, motor driven and 2 motors, 3,400 ft electric cable, 48 kerosene fire pots, 144 burner plugs, 24 fuller caps, 2,500 outlet boxes, 750 caps for plugs, 100,- ft conduit, oak, yellow, pine box car siding, redwood, poplar, hickory, and fir. For further information address EARL I. BROWN, major, corps of engineers, U. S. Army, general purchasing officer.

GOVERNMENT BIDS WANTED.

PROPOSALS for door and window hardware, electric cable and wire, steel wire, tool steel, galvanized steel, sheet zinc, solder, steel conduit, electrical fittings, fuses, transformer, cable terminals, spark plugs, micrometers, vitrified conduit, slate, insulating tape, soldering paste, fire pots, band-saw mill outfit, motor-driven sewing machines, pneumatic tires and lumber.—Sealed proposals will be received at the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., until 10:30 A. M., June 9, 1917, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and information relating to this circular (No. 1146) may be obtained from this office or the office of the Assistant Purchasing Agent Fort Mason, San Francisco, Cal.; also from the United States Engineer Offices in the principal cities throughout the United States.—Earl I. Brown, Major, Corps of Engineers, U. S. A., General Purchasing Officer.

STATE OF CALIFORNIA. DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 4, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Shasta County, between Northerly boundary and Hazel Creek (II-Sha-3-D) about 11.2 miles in length to be graded.

Tulare County between Southerly boundary and Earlimart (VI-Tul-4-A), about 6.6 miles in length to be paved with Portland cement concrete.

Tulare County, between Earlimart and Pixley (VI-Tul-4-A), about 5.9 miles in length to be paved with Portland cement concrete.

Los Angeles County, between Seeley's Ranch and a point near Acton (VII-L. A-23-D), about 10.6 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary. (*)

Dated, May 8, 1917.

PROPOSALS FOR CANAL SUPPLIES.

PANAMA CIRCULAR 1145—Office General Purchasing Officer, Panama Canal, Washington, D. C.—Sealed bids are wanted until **June 2, 1917,** under circular 1145 for furnishing the following: School equipment, including desks, chairs, tables, clocks, etc.; 144 oval marine brushes, 15,000 feet plow-steel cable, 100 gross crayons, 24 panes glass, 191 pieces window glass, 72 pairs buckskin gloves, 1,000 feet rubber air hose, 500 feet rubber suction hose, 2,000 feet rubber water hose, 15,000 pounds concentrated lye, 575 pounds flax packing, 1,400 pounds rubber sheet packing, 1,000 pounds steam packing, 4,000 pounds metal polish, 20,000 pounds soap powder, 20,00 pounds salt-water soap, 102 steel tapes, 12 tarpaulins, 500 feet brass tubing, 400 feet copper tubing, 10,000 pounds flax twine, 6 angle valves, 132 valves, 3,000 feet plow steel flexible cable, 5,000 cross ties (No. 1), 12,000 yards crash toweling, 6 kettles, 42 stock pots, 3,000 pounds furnace cement, 144 water coolers, 1,- 000,000 paper cups, 500 link pine, 2,- 800 pounds rivets, 60 gross machine screws, and 10,000 pounds plate washers. For further information address EARL I. BROWN, maj., corps engrs., U. S. A., general purchasing officer.

PROPOSALS FOR EXCAVATING.

EXCAVATING—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals for the construction of 5.7 miles of main canal on the Fort Laramie unit, North Platte project, Nebraska-Wyoming, involving about 336,500 cubic yards of excavation, will be received at the office of the United States Reclamation Service, Fort Laramie, Wyo., until **2 o'clock p. m. June 6, 1917,** and will at that hour be opened. The work is located near the Bridgeport-Guernsey line of the C. B. & Q. Railway in the vicinity of Torrington, Wyo. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Fort Laramie, Wyo. MORRIS BIEN, acting director.

SISSON, Siskiyou Co., Cal.—The City Trustees have contracted for concrete sidewalks on both sides of Walnut street for three blocks, and over five blocks in the residence district, making a total of nearly a mile of concrete sidewalk to be put in this Spring.

RECEIVE FIGURES FOR OAKLAND SCHOOL JOB.

OAKLAND, Alameda Co., Cal.—Bids were opened Monday, May 21, for the replacement of the toilet systems at the Piedmont School, situated at Piedmont and Echo avenues, and the Lincoln School, situated at 11th and Alice streets. All bids were referred to the District Attorney. The following is a complete list of the bids:

Plumbing.

	Piedmont	Lincoln
J. Rankin & Son	$8,963	$12,200
Robt. Dalziel, Jr., Co.	9 147	11,360
J. E. O'Mara	9,800	11,258
J. B. Cruz	9,386	11,150
Carl T. Doell	9,198	11,287

BIDS RECEIVED FOR MARE ISLAND HOSPITAL EXTENSION.

By Special Wire)

WASHINGTON, D. C., May 21st, 1917 —Six sets of bids were opened today in the office of the Bureau of Yards & Docks for constructing a three-story frame extension to the present hospital building at Mare Island Navy Yard. The extension will cover an area of 50 by 40 feet. Lange & Bergstrom, Sharon Bldg., San Francisco, submitted the lowest bid at $17,774 and will probably be awarded the contract. Following is a complete list of the bids received:

Mare Island Hospital Extension.

Anderson & Ringrose	$19,270
Harvey A. Klyce	19,662
Lange & Bergstrom	17,774
L. G. Bergren & Sons	20,481
A. H. Vogt	18,984
William Knowles	20,267

BIDS OPENED FOR FURNISHING SAND AND ROCK.

BERKELEY, Alameda Co., Cal.—No bids were received at the Tuesday meeting of the City Council for scarifying and patching of certain city streets.

At the same meeting the following bids for furnishing 6,000 cubic yards of gravel and 9,000 cubic yards of rock and screening were received:

Hutchinson Co., 13th and Franklin streets, Oakland, rock and screening f. o. b. bunkers Contra Costa County, $.80 per cubic yard.

Contra Costa Construction Co., 2323 Shattuck Ave.., Berkeley, gravel (1) $1.82½ cu. yd.; (2) $2.45; (3) $1.62½; (4) $1.67½ f. o. b cars S. P. tracks, $1.20; on trucks or wagons, $1.35.

Oakland Paving Co., 5000 Broadway, Oakland, rock, $1.75; screening, $1.75; gravel (2) $2.00; (3) $1.50; (4) $1.50 f. o. b S. P. or Santa Fe tracks, rock, $1.35; gravel, $.85; screening, $1.35.

H. Peterson, gravel (1) $1.85; (2) ——; (3) $1.50; (4) $1.75. f. o. b. S. P. tracks, gravel, $.75. f. o. b. Berkeley wharf, rock, $1.20; screening, $1.30. (14627 & 28) 1st report May 14, 1917.

LOW BIDDER FOR STREET IMPROVEMENT.

SAN FRANCISCO—J. G. Harney, Pacific Bldg., San Francisco submitted the lowest bid at $6,340.20 for street improvement at 47th avenue between Judah and Kirkham streets.

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1343	Williams	McLean	4580
1344	Brown	Moffat	7000
1345	Rege	Rege	2000
1346	Goldmeyer	Leigh	3000
1347	Levy	Pierson	11000
1348	Kammerer	Munster	1665
1349	Pacific G & E	U S Mtl	1400
1350	Mills Estate	Stockholm	9380
1351	Union Iron	Palmer	114973
1352	Linares	Koenig	4750
1353	Newell Bros.	Mitchell	600
1354	Magnin	Brumfield	1950
1355	Hawks	Bovyer	700
1356	Nutman	Nutman	576
1357	Heming	McCarthy	500
1358	Myers	Britt	7500
1359	Baldwin	Lane	500
1360	Morris	Morris	2700
1361	Webster	Carnahan	33392
1362	Mills Estate	Otis	5600
1363	Umbsen	Swenson	575
1364	Schenkel	McCauley	425
1365	Krap	McGee	500
1366	Hubbell	Stone	600
1367	Rossi	Rossi	400
1368	Trainor	Trainor	2500
1369	Costa	Trevia	9900
1370	Van Valkenburgh	Arnott	2710
1371	Lund	Mullen	2000
1372	McKillop	Owner	2900
1373	Cal Baking	Behm	500
1374	Perkins	Perkins	7000
1375	Perkins	Perkins	7000
1376	Logan	Merchant	2557
1377	McCreery Est.	Petersen	3400
1378	Same	Cohen	478
1379	Same	Kurtz	1718
1380	Same	Kurtz	449
1381	Same	Brady	3550
1382	Same	Wilhelm	3173
1383	Same	Neal	200
1384	Same	Comyns	362
1385	Same	Ralston	2898
1386	Hodghead	Clement	990
1387	Leigh	Schultz	4000
1388	Allen	Allen	10500
1389	Way	Arnott	2870
1390	Reite	Reite	4000
1391	Schapiro	Frasier	1900
1392	Wilson	Mullen	4000
1393	Gilmour	Gilmour	30000
1394	Rulfs	Withington	1650
1395	Same	Lacey	5000
1396	Same	Knittle	1860
1397	Same	Guilfoy	2750
1398	Same	McElhinney	500
1399	Same	Western	1400
1400	Same	Mealey	6200
1401	Same	Habenicht	1025
1402	Same	Michel	1538
1403	Same	Neal	2000
1404	Same	Nat'l Mill	1500
1405	Same	Amer Elec	1825
1406	Same	Palace	1000

FRAME DWELLING
(1343) W CHATTANOOGA 260 N 22d One-story and basement dwelling.
Owner.....A. M. Williams, 120 Fair Oaks, San Francisco.
Architect.....W. E. Spink, 776 Bush, San Francisco.
Contractor.. Neil A. McLean Co., 525 Chronicle Bldg., S. F.
COST, $4580

FRAME RESIDENCE
(1344) N END TWENTY-FIFTH AVE Two-story, basement and attic frame residence.
Owner.....Helen H. Brown, 1 25th Ave., San Francisco.
Architect.....Warren Chas. Perry, 604 Mission, San Francisco.
Contractor....James Moffat, 2212 21st, Oakland. COST, $7000

FRAME DWELLING
(1345) N LOMBARD 192½ E Scott. One-story and basement frame dwlg.
Owner.....G. Rege.
Architect.....J. A. Porporato, 619 Washington, S. F.
Day's work. COST, $2000

FRAME DWELLING
(1346) E THIRTY-EIGHTH AVE 150 N Fulton. One-story and basement frame dwelling.
Owner.....H. I. Goldmeyer, 1120 Lake, San Francisco.
Architect.....Heiman & Schwartz, 212 Stockton, San Francisco.
Contractor....Leigh & Schultz, 739 34th Ave., San Francisco.
COST, $3000

REPAIRS
(1347) NO. 1208 TURK. Repair fire damage to lodging house and hotel.
Owner.....Jacob Levy, Admin. Est. Kathryn and Louis Levy, Dec'd.
Architect.....None.
Contractor....Pierson & Lee, 512 Insurance Exchange Bldg., San Francisco.
COST, $11,000

ALTERATIONS
(1348) NE NINTH AVE AND IRVING Alterations and additions to store in three-story frame building.
Owner.....George Kammerer, care architect.
Architect.....Henry Shermund, Mills Bldg., San Francisco.
Contractor... Munster & Bornholdt, 110 Jessie, San Francisco.
Filed May 21, '17. Dated May 19, '17.
Completed and accepted.....$1248.75
Usual 35 days..... 416.25
TOTAL COST, $1665.00
Bond, none. Limit, 40 days. Forfeit, $10. Plans and specifications filed.
Note—First report No. 1285.

SHEET METAL WORK
(1349) SE NINETEENTH AND LEXington E 80xS 85. Sheet metal work for Station "E."
Owner.....Pacific Gas & Electric Co., 445 Sutter, S. F.
Architect.....None.
Contractor....United States Metal Products Co., 525 Market, S. F
Filed May 21, '17. Dated May 11, '17.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $1400
Bond, $700. Surety, The Aetna Accident & Liability Co. Limit, 12 days after notified. Forfeit, none. Plans and specifications filed.

CONCRETE OFFICE
(1350) S PINE 182-6 W Sansome W 40xS 137-6. Carpenter work for 5-story and basement reinforced concrete office building.
Owner.....Mills Estate, Incorporated Mills Bldg., S. F.
Architect.....B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor....Stockholm & Allyn, Monadnock Bldg., S. F.
Filed May 21, '17. Dated Apr. 21, '17.
Bet. 1st & 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $9380
Bond, $4700. Surety, The Aetna Accident & Liability Co. Limit, 90 days after notified. Forfeit, none. Plans and specifications, none.

WAREHOUSE
(1351) NE TWENTIETH and Illinois. All work of piling, excavating and foundations, fireproofing, brick, sheet metal work, metal furring, lathing, roof covering, glass, glazing ornamental iron, plastering, marble, tiling, painting, etc., for four-story and basement fireproof warehouse.
Owner.....Union Iron Works Company, 260 California, S. F.
Architect. ....Frederick H. Meyer, Bankers' Inv. Bldg., S. F.
Contractor....Palmer & Peterson, 681 Market, S. F.
Filed May 21, '17. Dated May 18, '17.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, $114,973
Bond, $57,486.50. Sureties, Fidelity and Deposit Co. of Maryland. Forfeit, none. Limit, 104 days after erection of steel. Plans and specifications filed.

RESIDENCE
(1352) W FOURTEENTH AVE 125 S Clement S 25xW 127-6. All work for two story, attic and basement frame residence.
Owner.....J. F. Linares.
Architect.....Koenig & Christiansen, Humboldt Savings Bank Bldg., S. F.
Contractor....William Koenig, Humboldt Bank Bldg., S. F.
Filed May 21, '17. Dated May 19, '17.
Completed $3000
Usual 35 days 1750
TOTAL COST, $4750
Bond Sureties, Forfeit, none. Limit, 100 days from filing. Plans and specifications filed.

ADDITION
(1353) N ANDREW 150 W San Bruno. Add one-story.
Owner.....Newel Bros., Premises.
Architect.....None.

Contractor . Thos. F. Mitchell, 1370 Utah, San Francisco.
COST, $600

SIGN
(1354) SE GEARY AND GRANT AVE Electric sign.
Owner.....I. Magnin & Co., Prem.
Architect .....None.
Contractor....Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $1950

ALTERATIONS
(1355) NO. 762 MISSION. Take out partitions.
Owner.....Hawks & Pennell, Clunie Bldg., San Francisco.
Architect .....Ward & Blohme, Alaska Commercial Bldg., S. F.
Contractor....Bovyer & Sons, 2407 California, San Francisco.
COST, $700

REPAIRS
(1356) NO. 621 GUERRERO. Repair foundation.
Owner.....Mr. Nutman, Premises.
Architect .....None.
Day's work. COST, $575

(1357) NO. 159 EIGHTH AVE. Add to dwelling.
Owner.....Mrs. M. E. Heming, Prem.
Architect .....None.
Contractor....John McCarthy, 1340 Funston Ave., S. F.
COST, $300

BRICK MACHINE SHOP
(1358) N PINE 164-7½ E Franklin. One-story brick machine shop.
Owner.....L. A. Myers, 68 Post, S. F.
Architect .....Heiman & Schwartz, 212 Stockton, San Francisco.
Contractor....O. W. Britt, 330 Ivy Ave., San Francisco.
COST, $7500

ADDITION
(1359) NE EDDY AND POLK. Add six rooms.
Owner.....O. D. Baldwin, 355 Russ Bldg., San Francisco.
Architect .....None.
Contractor....W. Laney or Lane.
COST, $500

FRAME BUNGALOW
(1360) LOT 20 BLK 3177 Westwood Park, being E Eastwood Drive 31 N San Ramon Way. All work for frame bungalow.
Owner.....Linnie Morris, 132 Judson Ave., San Francisco.
Architect .....A. W. Smith, 1010 Broadway, Oakland.
Contractor....Gordon W. Morris, 132 Judson Ave., S. F.
Filed May 22, '17. Dated Apr. 17, '17.
Frame up and enclosed.....$675
Brown coated 675
Completed and accepted..... 675
Usual 35 days..... 675
TOTAL COST, $2700
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
Note:.. First report No. 1239.

STORE AND LOFT BLDG.
(1361) N SACRAMENTO 75 W Drumm W 62-6xN 119-6. All work for two-story store and loft building.
Owner.....G. A. Webster, 233 Drumm, San Francisco.
Architect .....Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor....Carnahan & Mulford, 45 Kearny, San Francisco.
Filed May 22, '17. Dated May 19, '17.
On or before 5 days after 1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $33,392
Bond, $17,000. Surety, The Aetna Accident & Liability Co. Limit, none. Forfeit, none. Plans and specifications filed.

ELEVATORS
(1362) S PINE 182-6 W Sansome W 40xS 137-6. One worm gear traction passenger elevator and electric dumb waiter work for five-story and basement reinforced concrete office building.
Owner.....Mills Estate, Inc., Mills Bldg., San Francisco.
Architect .....B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor....Otis Elevator Co., Beach and Stockton, S. F.
Filed May 22, '17. Dated May 9, '17.
On 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $5600
Bond, $2800. Sureties, J. D. Hoyt and J. C. Pottage. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1363) NOS. 119-121 CLAY. Change stairs and partitions.

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

Owner .G. H. Umbsen & Co., 20 Montgomery, S. F.
Architect .....None.
Contractor Swenson & Franzen, 145 Natoma, San Francisco.
COST, $575

ALTERATIONS
(1364) NO. 1292 VALENCIA. Alter for butcher shop.
Owner.....Elizabeth M. Schenkel, 619 Baker, San Francisco.
Architect .....None.
Contractor....P. J. McCauley Co., 364 11th, San Francisco.
COST, $425

ALTERATIONS
(1365) NO. 428 ELEVENTH. Alter and repair stable.
Owner.....Mr. Krap, Hayward, Cal.
Architect .....None.
Contractor....Jos. McGee, 1451 Hayes, San Francisco.
COST, $500

ALTERATIONS
1366) NO. 812 THIRTY-FIRST AVE. Raise and alter dwelling.
Owner.....L. S. Hubbell, Premises.
Architect .....None.
Contractor....E. Stone, 32 Eagle, S. F.
COST, $600

BRICK FOUNDATION
(1367) E FRANKLIN 68 S Francisco. Brick foundation and concrete floor.
Owner.....Frank Rossi, 1799 Filbert, San Francisco.
Architect .....None.
Day's work. COST, $400

FRAME DWELLING
(1368) E TWENTY-SECOND AVE 120 N Anza. One-story and basement frame dwelling.
Owner.....John T. Trainor, 6315 Geary, San Francisco.
Architect .....None.
Day's work. COST, $2500

FRAME FLATS
(1369) N UNION 100 W Taylor 25x 137-6. All work for two-story and basement frame flats, 25x72.
Owner.....Amedeo Costa, 1407 Mason, San Francisco.
Architect .....Louis Mastropasqua, 580 Washington, S. F.
Contractor....G. Trevia and G. B. Pasqualetti, 400 Bay, S. F.
Filed May 23, 17. Dated May 20, '17.
Frame up and roof on.....$2475
1st coat plaster on..... 2475
Completed and accepted..... 2475
Usual 35 days..... 2475
TOTAL COST, $9900
Bond, $4950. Sureties, Angelo V. Garassino and D. C. Trevia. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
1370) LOT 9 BLK 3189 Westwood Park. All work for one-story frame bungalow.
Owner.....N. W. Van Valkenburgh, 3760 20th, S. F.
Architect .....A. W. Smith, 1010 Broadway, Oakland.
Contractor....James Arnott & Son, 517 Noe, San Francisco.
Filed May 23, '17. Dated May 21, '17.
Roof on and frame enclosed.....$675
Brown coated 675
Completed and accepted 675
Usual 35 days 685
TOTAL COST, $2710
Bond, $1355. Surety, Royal Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
(1371) LOT 20 BLK 3196 Westwood Park Tract. All work for one story frame bungalow.
Owner . . . Charles and Minnie Lund.
Architect A. W. Smith, 1010 Broadway, Oakland.
Contractor C. H. Mullen and D. J. Ferriter, 1376 93rd Ave., Oakland.
Filed May 23, '17. Dated May 7, '17.
Frame up $500
Enclosed and 1st coat plaster on 500
Completed and accepted 500
Usual 35 days 500
TOTAL COST, $2000
Bond, $1000. Sureties, Chas. B. Schaefer and G. Donham. Limit, Aug. 15, 1917. Forfeit, $2. Plans and specifications filed.

FRAME DWELLING
(1372) E FORTY-EIGHTH AVE 155 S Balboa. Two-story and basement frame dwelling.
Owner.....W. J. McKillop, 540 Cole, San Francisco.
Architect .....None.
Day's work. COST, $2900

ALTERATIONS
(1373) SW EDDY AND FILLMORE. Extend mezzanine floor.
Owner.....California Baking Co., Premises.
Architect .....None.
Contractor J. Behm & Co., 139 Oak, San Francisco.
COST, $500

FRAME RESIDENCE
(1374) N WASHINGTON 80 W Buchanan. Two-story and basement frame residence.
Owner.....Georgiana M. Perkins, 2206 Jackson, S. F.
Architect .....E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $7000

FRAME RESIDENCE
(1375) N WASHINGTON 105-3 W Buchanan. Two-story and basement frame residence.
Owner.....Georgiana M. Perkins, 2206 Jackson, S. F.
Architect .....E. E. Young, 251 Kearny, San Francisco.
Day's work. COST, $7000

ADDITIONS
(1376) NW SUTTER AND VAN NESS Ave W 167-3x N 120. Excavating, concrete, plumbing, etc., for alterations and additions to garage building.
Owner.....Logan & Cadwalder Co., Premises.
Architect .....Cunningham & Politeo, 1st National Bank Bldg., San Francisco.
Contractor....C. T. Merchant, 180 Jessie San Francisco.
Filed May 24, '17. Dated May 23, '17.
On 1st and 15th of each month as work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $2557
Bond, $1279. Surety, Hartford Accident & Indemnity Co. Limit, 60 days from May 24. Forfeit, $10. Plans and specifications filed.

BRICK BUILDING
(1377) N BRANNAN 120 E Fifth N 160xE 75. Concrete work for one-story brick building.
Owner The McCreery Estate Co., 221 Sansome, S. F.
Architect Weeks & Day, Phelan Bldg., San Francisco.
Contractor H. L. Petersen, 62 Post, San Francisco.
Filed May 24, '17. Dated May 17, '17.
On 1st of each month..... 75%
Usual 35 days .....Balance
TOTAL COST, $3400
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1378) GLAZING ON ABOVE.
Contractor....I. Cohen, 526 Pine, S. F.
Filed May 24, '17. Dated May 17, '17.
Payments same as above.....
TOTAL COST, $478
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1379) PLUMBING ON ABOVE.
Contractor....O. Kurtz, 445 Stevenson, San Francisco.
Filed May 24, '17. Dated May 17, '17.
Payments same as above.....
TOTAL COST, $1718
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1380) ELECTRIC WORK ON ABOVE
Contractor....O. Kurtz, 445 Stevenson, San Francisco.
Filed May 24, '17. Dated May 17, '17.
Payments same as above .....
TOTAL COST, $449
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1381) BRICK WORK ON ABOVE.
Contractor....M. V. Brady, Monadnock Bldg., San Francisco.
Filed May 24, '17. Dated May 17, '17.
Payments same as above.....
TOTAL COST, $3550
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(1382) CARPENTER WORK ON above.
Contractor....A. H. Wilhelm, 180 Jessie San Francisco.
Filed May 24, '17. Dated May 17, '17.
Payments same as above.....
TOTAL COST, $3173
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(1383) PAINTING ON ABOVE.
Contractor....L. J. Neal, 459 Hayes, San Francisco.
Filed May 24, '17. Dated May 17, '17.
Payments same as above.....
TOTAL COST, $200
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1384) SHEET METAL WORK ON above.
Contractor....Comyns & Nygren, 321 16th, San Francisco.
Filed May 24, '17. Dated May 17, '17.
Payments same as above.....
TOTAL COST, $362
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(1385) STRUCTURAL STEEL AND erection of same on above.
Contractor Ralston Iron Works, 20th and Indiana, S. F.
Filed May 24, '17. Dated May 17, '17. Payments same as above
TOTAL COST, $2898
Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(1386) ROOFING ON ABOVE.
Contractor....The Flaherty Roofing Co., 613 Market, S. F.
Filed May 24, '17. Dated May 17, '17. Payments same as above.....
TOTAL COST, $400
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

ADDITION
(1386) NO. 3445 SACRAMENTO. Add two rooms to dwelling.
Owner..... D. A. Hodghead, 3435 Sacramento, S. F.
Architect .....None.
Contractor....J. Clement, 3134 Clay, San Francisco.
COST, $990

FRAME DWELLING
(1387) W NINETEENTH AVE 117 N Cabrillo. Two-story and basement frame dwelling.
Owner.....Leigh & Schultz, 739 34th Ave., San Francisco.
Architect .....None.
Day's work. COST, $4000

FRAME RESIDENCE
(1388) N EL CAMINO DEL MAR 243 E 32nd Ave. Two-story and basement frame residence.
Owner.....Allen & Co., 125 Sutter, San Francisco.
Architect .....Architectural Department of Allen & Co, 28th Ave and Lake, S. F.
Day's work. COST, $10,500

FRAME RESIDENCE
(1389) LOT 12 BLK 3176 Westwood Park. All work for one-story frame residence.
Owner.....Clarence B. and Etta M. Way, 2459 Larkin, S. F.
Architect .....Ida F. McCain, 660 Market, San Francisco.
Contractor....Jas. Arnott & Son, 517 Noe, San Francisco.
Filed May 25, '17. Dated May 22, '17.
Roof on and frame up.....$717.50
Brown coated 717.50
Completed and accepted..... 717.50
Usual 35 days..... 717.50
TOTAL COST, $2870.00
Bond, $1435. Surety, National Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1390) NO. 1445 BUSH. Raise roof and add 2nd story for shop building.
Owner.....J. B. Reite, 110 Jessie, San Francisco.
Architect .....Wm. Wilde, 46 Kearny, San Francisco.
Day's work, COST, $4000

ALTERATIONS
(1391) NO. 1350 POLK. Alter fronts of stores.
Owner.....B. Schapiro, 74 New Montgomery, S. F.
Architect Bernard J. Joseph, 74 New Montgomery, S. F.
Contractor .Frasier & Frasier, 180 Jessie, San Francisco.
COST, $1900

ADDITIONS
(1392) NO . 78 TWENTY-SECOND Ave. Add to frame dwelling.
Owner.....Thos. Wilson, Premises.
Architect .....None.
Contractor....J. Mullen, 2201 Ellsworth, Berkeley.
COST, $4000

FRAME APARTMENTS
(1393) SW WASHINGTON AND Leavenworth. Three-story and basement frame (17) apartments.
Owner.....William G. Gilmour, 180 Jessie, San Francisco.
Achitect .....Rousseau & Rousseau, 110 Sutter, San Francisco
Day's work. COST, $30,000

CLASS "C" APARTMENTS
(1394) N GEARY 165 W Leavenworth W 55xN 137-6. Structural iron work except bay windows framing, fire escapes, elevator top and basement ornament to grille for four-story and basement Class "C" apartment house.
Owner.....Anton Rulfs, 821 Leavenworth, San Francisco.
Architect .....Falch & Knoll, 1206 Hearst Bldg., S. F.
Contractor....C. W. Withington, 416 Seventh, San Francisco.
Filed May 25, '17. Dated May 8, '17.
As work progresses..... 75%
Usual 35 days after work is delivered and installed..... 25%
TOTAL COST, $1650
Bond, $825. Sureties, W. A. Rainey and W. L. Werner. Limit, without delay to other work. Forfeit, none. Plans and specificatons filed.

(1395) PLUMBING, GAS FITTING etc. on above.
Contractor....E. V. Lacey, 530 2nd, S. F.
Filed May 25, '17. Dated Apr. 24, '17.
Roughed in completed.....$1800
Completed and accepted 1950
Usual 35 days 1250
TOTAL COST, $5000
Bond, $2500. Sureties, Jacob Steur and J. B. Reite. Limit, rapidly as possible. Forfeit, none. Plans and specifications filed.

(1396) STEAM AND HOT WATER heating systems on above.
Contractor....Knittle-Cashel Co., 1820 Ellls, S. F.
Filed May 25, '17. Dated May 8, '17.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $1860
Bond, $930. Sureties, National Surety Co. Limit, rapidly as possible. Forfeit, none. Plans and specifications filed.

(1347) SHEET METAL WORK ON above.
Contractor....Guilfoy Cornice Works, 209 8th S. F.
Filed May 25, '17. Dated May 10, '17.
Payments same as above.....
TOTAL COST, $2750
Bond, $1400. Sureties, F. E. Kara and Wm. A. Newsom. Limit, as rapidly as possible. Forfeit, none. Plans and specifications filed.

(1398) TILING FOR FLOORS, ETC., on above.
Contractor....G. McElhinney, 1097 Mission, S. F.
Filed May 25, '17. Dated May 10, '17.
Payments same as above.....
TOTAL COST, $500
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and specifications filed.

(1399) CONCRETE WORK on above.
Contractor....Western Concrete Construction Co., S. S. Rasori, Mgr., 110 Jessie St., San Francisco.
Filed May 25, '17. Dated May 22, '17.
Foundation walls completed.....$750
Completed and acepted 300
Usual 35 days 350
TOTAL COST, $1400
Bond, $700. Sureties, J. Del Favero and August Figoni. Limit, rapidly as possible. Forfeit, none Plans and specifications filed.

(1400) BRICK WORK ON ABOVE.
Contractor....Mealey & Collins, 180 Jessie, S. F.
Filed May 25, '17. Dated May 26, '17.
2nd floor joists in place $1590
4th floor joists in place 1530
Completed and accepted 1530
Usual 35 days 1550
TOTAL COST, $6200
Bond, $3100. Sureties, David Dillon and Maurice Dillon. Limit, rapidly as possible. Forfeit, none. Plans and specifications filed.

(1401) GLASS AND GLAZING ON above.
Contractor....Habenicht -Howlett, Inc., 525 Clay, S. F.
Filed May 25, '17. Dated May 22, '17.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $1025
Bond, Sureties, Forfeit, none. Limit, rapidly as possible. Plans and specifications filed.

(1402) ALL WORK FOR 4 STAIR cases, fire escapes, four balconies with drop ladders from ground to roof, steel framing for three bay windows and one vent grille on above.
Contractor....Michel & Pfeffer, 1415 Harrison, S. F.
Filed May 25, '17. Dated May 14, '17.
Payments same as above.....
TOTAL COST, $1538
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and specifications filed.

(1403) PAINTING, PAPERING, tinting, etc., on above.
Contractor....L. J. Neal, 459 Hayes, San Francisco.
Filed May 25, 17. Dated May 14, '17.
Payments same as above.....
TOTAL COST, $2000
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and specifications filed.

(1404) MILL WORK ON ABOVE.
Contractor....National Mill and Lumber Co., 318 Market, S. F.
Filed May 25, '17. Dated May 30, '17.
On 1st of each month of work delivered 75%

Usual 35 days ..... Bal.
TOTAL COST, $4500
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and specifications filed.

(1405) ELECTRIC WORK, BELLS, phones, etc., on above.
Contractor....American Electric Eng. Co., 1723 Polk, S. F.
Filed, May 25, '17. Dated Apr. 24, '17.
Conduits installed, bell and telephone wires in place and roughed in $900.00
Electric work is completed and accepted 468.75
Usual 35 days 456.25
TOTAL COST, $1825
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and specifications filed.

(1406) FINISH HARDWARE ON above.
Contractor....Palace Hardware Co., 581 Market, S. F.
Filed May 25, '17. Dated Apr. 28, '17.
On complete delivery 75%
Usual 35 days ..... Bal.
TOTAL COST, $1000
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and specifications filed.

LEASE.

San Francisco County.

May 25, 1917—NO. 110 MARKET. Callaghan Estate Co to F J McCarthy. 2 years. $3300.
May 21, 1917—NOS. 75-77 BERNARD S line bet. Taylor and Jones. Serafino Spagnoli to Joseph L Boquet. 5 years. $1300.
May 23, 1917—SW CHURCH AND Fourteenth W 45 SE 41 NE 38 N 10. Louise A Barroilhet to Waldemar Hawkinson. 3 years. $2700.

CESSATION OF LABOR

May 22, 1917.—SW LIBERTY and Church S 30xW 105. Mrs. M. Dunn to A. J. Allen. Work ceased..... .....April 17, 1917

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
May 18, 1917—E FIFTH AVE 453 N Lake E 120xN35. Nathan Delbanco to Paul K. Jones.....May 18, 1917
May 19, 1917—W FIFTH AVE 175 N Fulton N 25xW 120. E A Janssen to whom it may concern..May 17, '17
May 19, 1917—NW MISSION AND 24th N 75xW 117-6. Commercial Center Realty Co to R W Moller .....May 18, 1917
May 19 1917—E ASHBURY 50 N Grove N 25x90-8. Hemminga Bros Inc to whom it may concern..... ..... May 18, 1917
May 19, 1917—SW GOLDEN GATE Ave and Leavenworth 82-6x100. O H Curtaz to whom it may concern .....May 15, 1917
May 19, 1917—E ASHBURY 25 N Grove N 25x90-8. Hemminga Bros, Inc to whom it may concern .....May 18, 1917
May 19, 1917—W FIFTH AVE 109.38 S Cabrillo S 25xW 120. E A Janssen to whom it may concern .....May 17, 1917
May 21, 1917—N VAN NESS AVE 85 N Pine. A C Kuhn to John Spargo and Otto Kurtz .....May 18, 1917
May 22, 1917—W THIRTY-FOURTH Ave 25 N Anza N 75xW 95. A J Knox to whom it may concern..... ..... May 18, 1917
May 22, 1917—E THIRTY-FIRST Ave 75 N Clement No. 382 31st Ave J F Wilcox to MacArthur Bros..... .....April 26, 1917
May 22, 1917—E SIXTEENTH AVE 100 S Lake S 25xE 127-6. Chas Herbert Edwards and Niel Jacobsen to whom it may concern..... .....May 22, 1917
May 22, 1917—W TWENTY-THIRD Ave 125 N Clement N 25xW 120. Elmer E Clark to whom it may concern.....May 22, 1917
May 23, 1917—NW TWENTY-FOURTH and Castro 80x50. J. C Bateman representing R O'Connor to Kiernan & O'Brien..... .....May 22, 1917
May 23, 1917—N PINE 100 m or l E Franklin 40x124. O W Britt to H E Drake.....May 21, 1917
May 23, 1917—S TWENTY-THIRD 205 W Castro W 25-10xS 114. Anna L Springer to E Cox & E Wiegand and O E Evans & Co.....May 22, 1917
May 23 1917—W FOLSOM 198 S 17th W 122-6 S 150 E 122-6 N to beg. Jean Allec to C J Hillard Co..... .....May 15, 1917
May 24, 1917—SE FOLSOM and Alice E 57-6xS 120. Carrie Hund to Barrett & Hilp.....May 18, 1917
May 24, 1917—S CLAY 25 E Drumm E 25xS 59-9. Jas McCarty to Peter Hamilton.....May 23, 1917
May 24, 1917—E TWENTY-FOURTH Ave 60 S Ulloa S 30xE 120. W F C Zimmermann to D Houle..... .....May 24, 1917
May 24, 1917—N BUSH 76 E Polk E 70-6 N 120 W 26-6 S 52-1 W 44 S 67-11. Thomas G. Taylor to W. A. Rainey.....May 16, 1917
May 24, 1917—E PARIS 400 N Excelsior Ave, No. 136 Paris. Paul Scharrenberg to A. W. Bryant & Son .....May 24, 1917
May 24, 1917—S SHIPLEY 150 E 5th. Mrs. Jean De Greayer to Ira W. Coburn.....May 22, 1917
May 24, 1917—LOT 21, BLK 3198 WestWood Park. Standard Securities Co. to R. W. Kneppler & Co.....May 23, 1917
May 24, 1917—LOT 9, BLK 3178, Westwood Park. Standard Securities Co. to R. W. Kneppler & Co.....May 23. 1917
May 25, 1917—S CLEMENT 82-6 E 22nd Ave. J. A. Lund to Bay City Hardwood Floor Co.....May 15, 1917
May 25, 1917—NE BRODERICK and Pine N 137-6 E 110 S 27-6 W 55 S 110 W 55. J. C. Bateman representing R. O'Connor to Dresser & McDonnell .....May 25, 1917
May 25, 1917—NO. 114-116-118 COLumbus Ave. Italian Press Co to J Del Favero.....May 25, 1917
May 25, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to R Zelinsky.....May 16, 1917
May 25, 1917—NW O'FARRELL AND Leavenworth N 25-9xW 80. F C Keck to Petersen-James Co..... .....May 25, 1917
May 25, 1917—NW LARKIN AND Olive Ave N 70xW 60. Dr C F Buckley to J D Hannah May 14, '17
May 25, 1917 N CLAY 35 E Parker Alley E 25xN 137-6. Chin Yuey to whom it may concern..May 15, '17
May 25, 1917 E FIFTH AVE 453 N Lake 35 E 120 S 35 W 120. Nathan Delbanco to L Feddersen ....May 24, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT
May 19, 1917—N FLOOD AVE 300 E Congo E 25xN 112-6 Lot 26 Blk 43, Sunnyside. J M Bailey vs B Lucas $154
May 21, 1917—NW OTSEGO AVE 80 NE Seneca Ave NE 80xNW 237 Lot 7 Blk 23, West End Map No. 1. S Mariani vs A Marengo.....$117.85
May 22, 1917—N BROADWAY 125 W Broderick W 55xN 137-6. National Lathing & Furring Co vs Julia de Leavega Welch and Floodberg & McCaffery $177.14
May 23, 1917—N BROADWAY 125 W Broderick W 55xN 137-6. Western Lime and Cement Co. vs. Julia de Leavega Welch and Floodberg & McCaffery.....$143.40
May 23, 1917—NE CALIFORNIA & Eighth Av N 90-1¼ E 32-6 S 86-9⅛ SW 32-8. L A Hufschmidt Mfg Co vs Jose V De Ryana.....$310
May 25, 1917—W TWENTY-FIFTH Ave 100 S California S 25xW 120. James H Hardy, Inc vs Henry A Lehfeldt $279.04
May 25, 1917—NW HOWARD AND 25th W 115xN 27. Guiseppe and Fran Bonaccorso vs Frank Amatore $549.90

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
1007	Pacific Tank	Owner	11700
1010	Kisich	Pedgrift	475
1011	Vaughn	Vaughn	2500
1012	Jackson	Lodge	2625
1013	Dickerson	Stan	2750
1014	Wright	Wright	600
1015	Moore	Moore	400
1016	Osgood	Novelty	400
1017	Wheeler	Wheeler	1500
1020	Proctor	Goodwin	3500
1021	Collins	Bacon	400
1022	Hoff	Warner	450
1023	Tuttle	Tuttle	6500
1024	Howard	Tibbetts	65000
1025	Wurts	Wurts	4000
1026	Rowlins	Wood	3300
1027	St. Mary	St. Mary	1000
1028	O'Connell	Sims	2000
1038	Harper	Cameron	2850
1039	Emmons	Dunne	1500
1040	Collupy	Holmes	1200
1041	Oakland	Bignami	2000
1042	Hart	Hart	1000
1043	Witcher	Maganini	3876
1044	Cal Cotton	Cal Cotton	12000
1045	Merritt	Woodard	700
1046	Marquis	Marquis	1500
1047	Jordan	Jordan	1000
1050	Olsen	Urch	4250
1051	Emerson	Irvine	2410
1052	Harmon	Harmon	2000
1053	Fitvle Pres Ch	Owner	1500
1054	Nowgne	Morilla	500
1055	Namany	Sorensen	1280
1060	Fageol	Lawton	21726

SAW MILL, ETC.
(1007) TIDAL CANAL 1000 E High St., Oakland.. All work for one-story saw mill; two saw dust bins; two-story barn; one-story power house; two-story dry kiln.
Owner.....Pacific Tank & Pipe Co., 318 Market, San Francisco
Architect .....None.
Day's work.
Saw mill to cost $1000
Saw dust bins to cost..... 1500
Barn to cost..... 1200
Power house to cost..... 3000
Dry klin to cost..... 5000
TOTAL COST, $11,700
Bond, limit, forfeit, plans and specifications, none.

ALTERATIONS
(1010) NO. 418 THIRTEENTH, Oakland. Alterations and additions.
Owner.....P. Kisich, Premises.
Architect .....None.
Contractor....Jas. H. Pedgrift, 565 16th, Oakland.
COST, $475

DWELLING
(1011) W SEVENTY-EIGHTH AVE 200 N E-14th, Oakland. One-story 5-room dwelling.
Owner.....M. C. Vaughn, 5833 Ayala Oakland.
Architect .....None.
Day's work. COST, $2500

DWELLING
(1012) S SHAFTER AVE 333 E Pryal, Oakland. One-story 6-room dwelling.
Owner.....Mrs. Rose Jackson, 5364 Boyd, Oakland.
Architect .....None.
Contractor....C. F. Lodge, 611 Cleveland, Oakland.
COST, $2625

DWELLING
(1013) W GREENWOOD AVE 500 N Park Blvd., Oakland. Two-story 5-room dwelling.
Owner.....O. W. Dickerson, 2912 Delaware, Berkeley.
Architect .....None.
Contractor....W. F. Stan, 1436 Allston Way, Berkeley.
COST, $2750

DWELLING
(1014) E MIDVALE AVE 500 S Hopkins, Oakland. One-story 4-room dwelling.
Owner.....Rosco C. Wright, 618 Fallon, Oakland.
Architect .....None.
Day's work. COST, $600

DWELLING
(1015) E 106TH AVE 175 N Biggerlau, Oakland. One-story, 2-room dwelling.
Owner.....P. J. Moore, Pacific Hotel, San Francisco.
Architect .....None.
Day's work. COST, $400

ELECTRIC SIGN
(1016) NE SEVENTH AND BROADway, Oakland. Electric sign.
Owner.....Osgood Drug Co., Prem.
Architect .....None.
Contractor....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $400

DWELLING
(1017) S WOODBINE AVE 140 W Fruitvale Ave., Oakland. One-story five-room dwelling.
Owner.....W. H. Wheeler, 3105 Woodbine Ave., Oakland.
Architect .....None.
Day's work. COST, $1500

FRAME DWELLING
(1020) CRAIG AVE., Piedmont. One-story frame and plaster dwelling.
Owner.....Mrs. Arthur Proctor.
Architect .....Chester H. Miller, 1st Savings Bank Bldg., Okd.
Contractor....G. W. Goodwin.
COST, $3500

GARAGE
(1021) NO. 326 VERNON, Oakland. Garage.
Owner.....Geo. H. Collins, Premises.
Architect .....None.
Contractor....C. A. Bacon.
COST, $400

ADDITION
(1022) FT. TWENT-YSECOND AVE., Oakland. Addition.
Owner.....John Hoff Asbestos Co., Premises.
Architect .....None.
Contractor....S. A. Warner, 5394 Princeton, Oakland.
COST, $450

APARTMENTS
(1023) NW GREENWOOD AVE AND Park Blvd., Oakland. Two-story 12-room apartments.
Owner.....I. S. Tuttle, 2222 E-31st, Oakland.
Architect .....None.
Day's work. COST, $6500

WHARF, ETC.
(1024) FOOT MARKET, Oakland. Wharf and warehouse.
Owner.....Howard Co., Premises.
Engineer .....Cattell, Howard & Ashton 68 Post, San Francisco.
Contractor....Tibbett Pacific Co., 16 California, San Francisco.
COST, $65,000

DWELLING
(1025) NW SANTA RAY AND SANTA Ray (on curve), Oakland. Two-story 7-room dwelling.
Owner.....Rebecca Wurts, 3021 Telegraph Ave., Oakland.
Architect .....Schirmer Bugbee & Co., Dalziel Bldg., Oakland.
Contractor....M. L. Wurts, 3021 Telegraph Ave., Oakland.
COST, $4000

DWELLING
(1026) S ANNERLY ROAD 120 W Spring Ave., Oakland. One-story 6-room dwelling.
Owner.....E. W. Rowlins, Oakland.
Architect .....E. W. Cannon, Central Bank Bldg., Oakland.
Contractor....F. T. Wood, 157 Lake Ave., Piedmont.
COST, $3300

DWELLING
(1027) N PEACH 160 E 92nd Ave., Oakland. One-story 4-room dwlg.
Owner.....Joe St. Mary, 2228 Auseon Ave., Oakland.
Architect .....None.
Day's work. COST, $1000

DWELLING
(1028)S SHAFTER AVE 620 E Pryal, Oakland. One-story 5-room dwlg.
Owner.....Mrs. E. W. O'Connell, 631 Poirier, Oakland.
Architect .....None.
Contractor....Wm. H. Sims, 1926 46th Ave., Oakland.
COST, $2000

GARAGE
(1038) SE TWENTY-NINTH and Webster Sts., Oakland. All work for one-story brick garage.
Owner.....S. J. Eva and H. T. Harper, Oakland.
Architect.....None.
Contractor....H. C. Cameron, 5619 Dover, Oakland.
Filed May 23, '17. Dated May 18, 17.
Building permit issued $700
Ready for trusses 700
Roof and brick work completed 700
30 days after completion and acceptance 750
TOTAL COST, $2850
Bond, Sureties, Forfeit, none. Limit, 60 days. Plans and specifications filed.

(1039) LOCATION not given. All work for vacuum steam heating apparatus for dwelling.
Owner.....G. W. Emmons, 440 Market, San Francisco.
Architect.....Benj. G. McDougall, Sheldon Bldg., S. F.
Contractor....Neil H. Dunne, 786 Ellis, San Francisco.
Filed May 23, '17. Dated May 21, '17.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1500
Bond, Sureties, none. Forfeit, $5. Limit not given. Plans and specifications filed.

ALTERATIONS
(1040) NW SIXTH AND WASHINGton, Oakland. Alter brick store.
Owner.....C. R. Collupy, 150 Ricardo Ave., Oakland.
Architect .....None.
Contractor....A. S. Holmes, 565 16th, Oakland.
COST, $1200

TANK FRAMES
(1041) LEONA HEIGHTS, Oakland. Two tank frames and two pump houses.
Owner.....City of Oakland.
Architect .....J. J. Donovan, Perry Bldg., Oakland.
Contractor....Bignami & Hager, 5442 Claremont Ave., Oakland.
COST, $2000

ALTERATIONS
(1042) NO. 1314 FILBERT, Oakland. Alterations.
Owner.....Mary E. Hart, Premises.
Architect .....None.
Contractor....C. M. Hart, Premises.
COST, $1000

BRICK STORES
(1043) S FIFTEENTH 62 E Broadway, Oakland. One-story brick stores.
Owner.....M. V. Witcher.
Architect .....None.
Contractor....J. F. Maganini 603 36th, Oakland.
COST, $3876

BRICK OFFICES
(1044) S RAILROAD AVE. bet. 22nd Ave and Cotton, Oakland. One-story brick office building.
Owner.....California Cotton Mills, Premises.
Architect ...Wm. Knowles, Central Bank Bldg., Oakland.
Day's work. COST, $12,000

DWELLING
(1045) E PARK BLVD. 90 S Everett Ave., Oakland. One and one-half-story 5-room dwelling.
Owner.....Florence H. Merritt, 219 John, Oakland.
Architect .....None.
Contractor....E. W. Woodard, 4025 Brighton Ave., Oakland.
COST, $2000

DWELLING
(1046) W FIFTY-FOURTH AVE 425 S E-14th, Oakland. One-story five-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect .....None.
Day's work. COST, $1500

DWELLING
(1047) E HARVARD ROAD 80 N Annerly Road, Oakland. Two-story 6-room dwelling.
Owner.....F. R. Jordan, 6031 Harwood Ave., Oakland.
Architect .....W. E. Schirmer, Dalziel Bldg., Oakland.
Day's work. COST, $4000

DWELLING
(1050) PT 122.29 SW OF SE COR. Park Blvd and E-28th St., SW 50 SE 98 NE 40 NW to pt beginning, Oakland. All work for two-story seven-room dwelling.
Owner.....Oscar Olsen, Oakland.
Architect.....None.
Contractor....E. E. Urch, 686 Sycamore, Oakland.
Filed May 24, '17. Dated May 19, '17.
In advance, property as follows: (1) Pt 179.29 SW of SE Cor Park Blvd and E-28th St SW 100 SE 90 SE 90 NW to pt beginning, subject to $1500 incumbrance. (2) Pt 77.29 SW of SE Cor Park Blvd and E-28th St SW 45 SE 115 NE 40 NW to Pt beginning .....
Completed and accepted.....$1000
Usual 35 days 1000
TOTAL COST, $4,250
Bond, $2,000. Sureties, A. Roberston and C. M. Urch. Forfeit, $1. Limit, 90 days. Plans and specifications filed.

DWELLING
(1051) BOUNDED ON W by property of J. Dias; E property Jarvis and others; N by county road (Centerville-Irvington); S property N. Furtado. All work for one and one-half story dwelling except plumbing, electric fixtures, finish hardware, composition sink and drainboard.
Owner.....Geo. I. Emerson, Irvington.
Architect.....None.
Contractor....Robert Irvine, Irvington.
Filed May 24, '17. Dated May 21, '17.
Frame up ..... ¼
Roof on ..... ¼
Completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2,410
Bond, $882. Sureties, L. S. Anderson and E. H. Hirsch. Forfeit, Limit, none. Plans and specifications filed.

DWELLING
(1052) E DERBY AVE 75 N E-12th, Oakland. One-story 5-room dwlg.
Owner.....A. K. Harmon Jr., 1842 12th Ave., Oakland.
Architect .....None.
Day's work. COST, $2000

GYMNASIUM
(1053) N PALMETTO 120 W Boston Ave., Oakland. One-story 4-room gymnasium.
Owner.....Fruitvale Presbyterian Church, Premises.
Architect .....None.
Day's work. COST, $1500

REPAIRS
(1054) NO. 1234 E-FOURTEENTH, Oakland. Repairs.
Owner.....John Nowgue.
Architect .....None.
Contractor....Pierre Morilhat, 1333 E-18th, Oakland.
COST, $500

BUTCHER SHOP
(1055) W SHATTUCK AVE 35 N Alcatraz Ave., Oakland. One-story butcher shop.
Owner.....C. Namany, SW Corner Shattuck and Alcatraz, Oakland.
Architect.....None.
Contractor....Walter Sorensen, 3219 Ellis, Berkeley.
COST, $1280

FACTORY
(1060) HOLLYWOOD BLVD AND 107 Ave, Oakland. All work for one story concrete factory.
Owner.....Fageol Motor Co., 3420 Telegraph Ave., Oakland.
Engineer.....Maurice C. Couchot, 110 Sutter, S. F.
Contractor....Lawton & Vezey, 357 12th, Oakland.
Filed May 25, '17. Dated May 18, '17.
Bimonthly 75%
Usual 35 days 25%
TOTAL COST, $21,726
Bond, Sureties none. Limit, 80 days. Forfeit, $25. Plans and specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
1008	Richards	Richards	500
1009	Wilder	Bowen	3200
1018	Virzi	Virzi	1000
1019	Marchitle	Owner	400
1029	Fountain	Fountain	1200
1037	Pac Guano	Pearson	1600
1048	Hartman	Hartman	900
1049	Fairer	Estey	400
1056	Rinder	Allen	400
1057	Rother	Kollmer	5000
1058	Hiefield	Kollmer	1000
1059	Rother	Kollmer	5000

STORE
(1008) W SHATTUCK AVE 100 S Vine, Berkeley. Two-story two-room store.
Owner.....F. C. Richards, 1508 Shattuck Ave., Berkeley.
Architect .....None.
Day's work. COST, $500

APARTMENTS
(1009) DERBY 100 W College, Berkeley. Alterations and additions to two-story apartments.
Owner.....F. A. Wilder, Premises.
Architect .....None.
Contractor....F. P. Bower, 2022 Channing Way, Berkeley.
COST, $3200

DWELLING
(1018) E BRYON 135 S Channing, Berkeley. One-story 4-room dwlg.
Owner.....A. Virzi, 2414 Byron, Berkeley.
Architect .....None.
Day's work. COST, $1000

ALTERATIONS
(1019) NO. 916 GRAYSON, Berkeley. Alterations.
Owner.....O. Marchitle, Premises.
Architect .....None.
Day's work. COST, $400

DWELLING
(1029) N DERBY 120 W Mabel, Berkeley. One-story 4-room dwelling.
Owner.....Ira E. Fountain , 4222-A 22nd, San Francisco.
Architect .....None.
Day's work. COST, $1200

BUNK HOUSE
(1037) SW SECOND AND VIRGINIA, Berkeley. One-story 6-room Chinese bunk house.
Owner.....Pacific Guano & Fertilizer Co., 2nd and Bristol, Bkly
Architect .....None.
Contractor....Ben Pearson, 2403 Grant, Berkeley.
COST, $1600

DWELLING
(1048) NO. 1306 NORTHSIDE, Berkeley. One-story 3-room dwelling.
Owner.....Alex Hartman, 1304 Pacific, San Francisco.
Architect .....None.
Day's work. COST, $900

ADDITION
(1049) NO. 2961 BENVENUE AVE., Berkeley. Addition.
Owner.....Chas. H. Fairer, Premises
Architect .....None.
Contractor....B. W. Estey, 1865 Hearst Ave., Berkeley.
COST, $400

GARAGE
(1056) No. 2438 BOWDITCH, Berkeley. Garage.
Owner.....John Rinder, Premises.
Architect .....None.
Contractor....F. E. Allen, 2445 Ward, Berkeley.
COST, $400

DWELLING
(1057) NO. 875 CONTRA COSTA AVE., Berkeley. Two-story 8-room dwlg.
Owner.....Rother & Wolbold, 2108 Center, Berkeley.
Architect .....None.
Contractor....Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $5000

ADDITION
(1058) NO. 2212 RUSSELL, Berkeley Addition.
Owner.....Mrs. W. Heifield, Prem.
Architect .....None.
Contractor....Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $1000

(1059) NO. 853 CONTRA COSTA Ave., Berkeley. Two-story 8-room dwelling.
Owner.....Rother & Wolbold, 2108 Center, Berkeley.
Architect .....None.
Contractor....Jacob Kollmer, 2813 Stuart, Berkeley.
COST, $5000

Building Contracts Awarded

Alameda

No.	Owner	Contractor	Amt.
1030	Reinecker	Kopf	200
1031	Pond	Stewart	2000
1032	Farnham	Randlett	500
1033	Robinson	Perona	475
1034	Ala Boat Club	Peters	400
1035	Logan	Fisk	500
1036	Ladd	Arada	400

DWELLING
(1030) NO. 2526 EAGLE AVE., Alameda. One-story 5-room dwelling.
Owner.....Chas. Reinecker, 2518 Eagle Ave., Alameda.
Architect .....None.
Contractor....B. F. Kopf, 1015 82nd Ave., Oakland.
COST, $2000

DWELLING
(1031) NO. 3248 STERLING AVE., Alameda. One-story 6-room dwlg.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect .....None.
Contractor....G. Stewart, 3010 Central Ave., Alameda.
COST, $2000

ALTERATIONS
(1032) NO. 1362 PARK, Alameda. Alterations.
Owner.....Mrs. E. Farnham.
Architect .....None.
Contractor....E. Randlett, 1534 Chestnut, Alameda.
COST, $500

ALTERATIONS
(1033) NO. 631 SANTA CLARA AVE., Alameda. Alterations
Owner.....N. P. Robinson, Premises.
Architect .....None.
Contractor....J. Perona, 568 7th, Okd.
COST, $475

ALTERATIONS
(1034) N END CHESTNUT, Alameda. Alterations.
Owner.....Alameda Boat Club.
Architect .....None.
Contractor....F. Peters, Syndicate Bldg., Oakland.
COST, $400

ALTERATIONS
(1035) NO. 1407 PARK, Alameda. Alterations.
Owner.....M. Logan, Monterey, Cal.
Architect .....None.
Contractor....M. Fisk.
COST, $500

ALTERATIONS
(1036) NO. 907 PARU, Alameda. Alterations.
Owner.....Mrs. M. Ladd, Premises.
Architect .....None.
Contractor....F. Arada, 861 Oak, Ala.
COST, $400

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED

May 18, 1917—S ASHBY AVE 40 W dividing line lots 1 and 14, Blk 1567, Elmwood Park, Berkeley. L. S. W. Brasch to whom it may concern ..... May 17, 1917

May 18, 1917—PTN LOTS 1 AND 2 Blk B, Map Whitney Tract, Berkeley. T. H. Goodspeed to Riddell Building Service Corp.....May 18, 1917

May 21, 1917—SE TENTH and Oak streets 60x60, Oakland. Lina Dabney to J. M. Booth.....May 19, 1917

May 23, 1917—LOT 4 BLK I, Map Highland Terrace No. 2, Oakland. Albert A. Haskell to whom it may concern. .....May 18, 1917

May 23, 1917—(1) SE CORNER LOT 27, Sect 15 Tp 1 S, Range 4 West, Mt. D. M., W 118 NW 387 NW 226 NW 198.48 E 378.11 S to point beginning; (2) SE corner Lot 23, Section 15, Tp 1 S, Range 4 West Mt. D. M. W 363 NW 680.20 E 420.07 S to point beginning, Emeryville. Paraffine Paint Co. to Standard American Dredging Co. .....May 22, 1917

May 24, 1917—S TWENTY-SECOND St. 609-3 E San Pablo Ave, E 50xS 129-4½, Oakland. W. E. and Cora M. Boyd to whom it may concern .....May 23, 1917

May 24, 1917—LOT 26, BLK 12, Thousand Oaks Tract, —— E. S. Krosca to whom it may concern .....May 23, 1917

May 24, 1917—LOT 9, BLK 3, Hotel Claremont Tract Map No. 2, Berkeley. R. C. Newell to Frank S. Spring.....May 21, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT

May 18, 1917—E CHESTNUT ST 141 N 14th St N 76xE 132, Oakland. Wm. F. Doig (Century Elec. Co.) $96.00; John N. Davis, $196.00 vs. F. J. Horswill and Mary Horswill. .....

May 19, 1917—S CENTRAL AVE 525 E High E 100xS 125-6. Alameda. Stickney & Hutton vs John Doe Smith, J Lowler and Richard Roe $90

May 21, 1917—NO 1537 BROADWAY, Oakland. Corbett & Bayless vs. E. A. Bushell, G. Davis, I. Cornell and S. Stamoules.....$467.96

BUILDING CONTRACTS.

Santa Clara County.

ELECTRIC WORK
STANFORD CAMPUS, Palo Alto. All work for electric wiring for girls' dormitory
Owner.....Stanford University.
Architect.....G. W. Kelham, Sharon Bldg., San Francisco.
Contractor....Ne Page, McKenny Co., 149 New Montgomery, San Francisco.
Filed May 23, '17. Dated May 19, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,346
Bond, $8673. Surety, U. S. Fidelity & Guaranty Co. Limit, as required. Forfeit, none. Plans and specifications filed.

HEATING SYSTEM ON ABOVE.
Engineer.....Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor....J. C. Hurley Co., 509 6th, San Francisco.
Filed May 23, 17. Dated May 18, '17.
Payments same as above.....
TOTAL COST, $11,474
Bond, $5737. Surety, Massachusetts Bonding & Insurance Co. Limit, when required. Forfeit, none. Plans and specifications filed.

PRINTING SHOP
STANFORD CAMPUS, Palo Alto. Excavation, concrete work, carpentry, etc., for printing shop.
Owner.....Stanford University.
Architect .....None.
Contractor....W. C. Duncan & Co., Sharon Bldg., San Francisco.
Filed May 23, '17. Dated May 14, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $19,150
Bond, $9575. Surety, New Amsterdam Casualty Co. Limit, 120 days from date. Forfeit, none. Plans and specifications filed.

FRAME DWELLING
NE FIFTEENTH AND SAN CARLOS Sts., San Jose. All work for two-story frame dwelling.
Owner.....Margaret J. Mason.
Architect .....W. J. Mason, 535 S-Tenth St., San Jose.
Contractor....F. C. Nelson, 173 S-First St., San Jose.
Filed May 14, '17. Dated May 10, '17.
Roughed in $921.75
Plastered 921.75
Accepted 921.75
Usual 35 days..... 921.75
TOTAL COST, $3687.00
Bond, none. Limit, 90 days after May 15. Forfeit, none. Plans and specifications filed.

FRAME APARTMENTS
SE E. ST. JOHN ST., bet 4th and 5th Sts., San Jose. All work except wall beds, heating and electric fixtures for two-story frame apartment house.
Owner.....W. E. Allen.
Plans by Contractor.
Contractor....S. G. Pelton, 858 S-Eighth St., San Jose.
Filed May 12, '17. Dated Mar. 23, '17.
Frame up $1975
1st inside coat plaster on..... 1975
Accepted 1975
Usual 35 days..... 1975
TOTAL COST, $7900
Bond, none. Limit, 90 days from Mar. 23. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

San Mateo County.

OFFICES
STATE HIGHWAY, SAN CARLOS. All work for one-story reinforced concrete offices and four one-story frame hangars.
Owner.....California Aviation Corps, J. Paulding Edwards, Flatiron Bldg., S. F.
Architect.....Norman R. Coulter, 46 Kearny, San Francisco.
Contractor....R. P. Hurlbut, San Corlos
COST, $20,000

DWELLING
LOT 12 ROCHEX'S SUB OF LOTS 118, 120, 121, 122, 123, 124 and 125, San Mateo Park, Sub. No. 2, San Mateo. All work for one-story frame dwelling.
Owner.....Gaston Rognier, 233 Railroad Ave., San Mateo.
Architect.....Will H. Toepke, 46 Kearny, S. F.
Contractor....Cavanagh Bros., San Mateo.
Filed May 19, '17. Dated May 18, '17.
Framed and roofed $925
Plastered 925
Completed 925
Usual 35 days 925
TOTAL COST, $3700
Bond, $1850. Sureties, Royal Indemnity Company. Forfeit, none. Limit, 80 days. Plans and specifications filed.

FRAME RESIDENCE
LOT 2, BLK 1 Burlingame Hills, Burlingame. All work for two-story frame residence.
Owner.....Margaret Dakin, Alameda.
Architect .....C. C. Dakin, 110 Sutter, San Francisco.
Contractor....S. McClure, Bayswater, San Mateo.
Filed May 21, '17. Dated May 17, '17.
Framed and roofed..... .....$2005.00
Rough plastered 2005.00
Completed and accepted..... 2005.00
Usual 35 days..... 2008.68
TOTAL COST, $8023.68
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
LOTS 9 AND 10 Ringwood Park, Menlo Park. Grading, brick, concrete, carpentry, plaster and painting for two-story frame residence.
Owner.....Mrs. Violet I. Foster.
Architect .....Henry Shermund, Mills Bldg., San Francisco.
Contractor....C. A. Brady.
Filed May 23, '17. Dated May 21, '17.
Roof on $1387.75
Brown plastered 1387.75
Completed, etc. 1387.75
Usual 35 days..... 1387.75
TOTAL COST, $5551.00
Bond, none. Limit, 90 days. Forfeit, $10 per day. Plans and specifications filed.

ROUGH AND FINISHED PLUMBING and gas fitting for heating, etc., on above.
Contractor....Frank J. Klimm, 221 Oak, San Francisco.
Filed May 23, '17. Dated May 21, '17.
Rough plumbing completed.....$500
Completed and accepted..... 436
Usual 35 days..... 312
TOTAL COST, $1248
Bond, none. Limit, 90 days. Forfeit, none. Specifications only filed.

COMPLETION NOTICES.

San Mateo County.

RECORDED ACCEPTED
May 21, 1917—SE STAMBAUGH & Pine Sts., Redwood City. E W Callnon to Thos A Cuthbertson.....May 12, 1917
May 23, 1917—PROPERTY OF E. R. Dimond near Portola. E R Dimond to James O'Neill....May 25, 1917

COMPLETION NOTICES.

Santa Clara County.

RECORDED ACCEPTED
May 10, 1917—STANFORD CAMPUS, Palo Alto. Stanford University to Lyden & Bickel.....May 7, 1917
May 14, 1917—LOT 30 BLK 5, Rose Lawn near San Jose. H C Jack et al to V A Peters.....May 12, 1917
May 16, 1917—LOTS 23 AND 24 Blk 2, Glen Ridge Terrace, Los Gatos. Emelia Heyde et ux to C E Thomson ..... Completed ——
May 12, 1917—LOTS 11 AND 12 Williams Sbdvn Lot 6 Millard Tct, near Saratoga. H G Lipscombe to Jno Rodoni.....May 12, 1917
May 10, 1917—LOT 35 Home Invst Tract, San Jose. T E Smith to whom it may concern....May 10, 1917

BUILDING CONTRACTS.

Marin County.

RESIDENCE
MILL VALLEY. All work for one and one-half story and basement frame residence.
Owner.....Mr. Whitman.
Architect.....Edward T. Foulkes, Crocker Bldg., S. F.
Day's work. COST, $2,500

BUNGALOW
ESCALLE, MARIN CO. All work for one and one-half story frame five-room bungalow.
Owner.....Mr. Freed.
Architect.....Foulkes & Hildebrand, Crocker Bldg., S. F.
Day's work. COST, $2,500

COMPLETION NOTICES.

Marin County.

RECORDED ACCEPTED
May 23, 1917—TOCOLAMO, Marin Co. I and Caesar Ronchi to A H Pritchard.....May 18, 1917

LIENS FILED.

Marin County.

RECORDED AMOUNT
May 24, 1917—BOYD'S PARK, San Rafael. Pacific Tank & Pipe Co vs Tom G Melech & Co and Louise Boyd $450

BUILDING CONTRACTS.

Contra Costa County.

FRAME COTTAGE
SW FACTORY AND CRITCHET STS., Richmond. Frame cottage.
Owner.....John Peters, Cor. Factory and Critchet, Richmond.
Architect .....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $2261

FRAME COTTAGE
S TWENTIETH bet. Virginia and Cutting Blvd., Richmond. Frame cottage.
Owner.....Ella A. Read, 132 10th St., Richmond.
Architect .....None.
Contractor....Conn Bros., 253 6th St., Richmond.
COST, $1600

FRAME COTTAGE
FIFTH ST., bet. Macdonald and Bissell, Richmond. One-story frame cottage.
Owner.....W. L. Moore, 448 6th St., Richmond.
Architect.....None.
Days work. COST, $1200

FRAME APARTMENTS
SEVENTH ST., bet., Lucas & Lincoln Sts., Richmond. Frame (6) apartments.
Owner.....Martin Appel, Premises.
Architect .....None.
Contractor....Carl Overaa, 1808 Roosevelt Ave., Richmond.
COST, $4000

FRAME COTTAGE
ELEVENTH ST., bet Bissell and Chanslor Sts., Richmond. One-story frame cottage.
Owner.....Fred Speck, 120 11th St., Richmond.
Architect .....None.
Con'ractor....N. E. Anderson, 315 Nevin Ave., Richmond.
COST, $2000

FRAME COTTAGE
TENTH ST., bet. Ripley and Pennsylvania, Richmond. One-story frame cottage.
Owner.....M. G. Humphreys, Yager Apmnts., 17th & Macdonald Ave., Richmond.
Architect .....None.
Day's work. COST, $1800

BUILDING CONTRACTS.

Fresno County.

DWELLING
LOT 3 BLK 14, Hazelwood, Fresno. Dwelling.
Owner.....T. Montgomery, Fresno.
Architect .....None.
Contractor....Reese & Atkins, 743 Welden St., Fresno.
COST, $2000

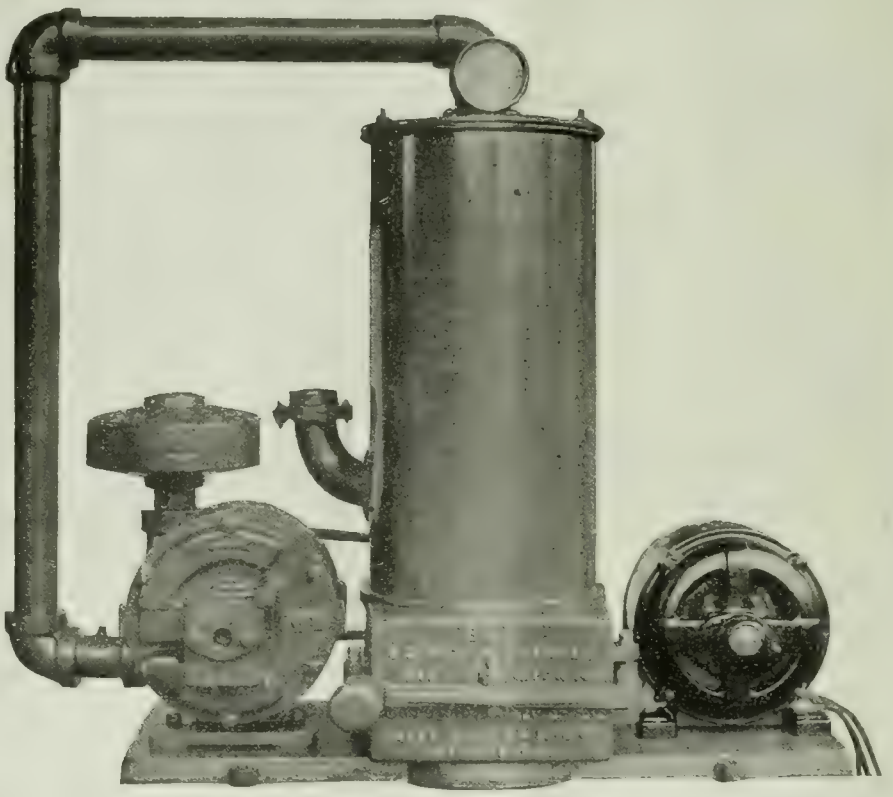
FRAME DWELLING
S ½ OF SE ¼ SEC. 28 14-22, Fresno. All work for frame dwelling and tank house.
Owner.....Henry Gries.
Architect .....Coates & Traver, Rowell Bldg., Fresno.
Contractor....Archie Da Mant.

BAKER-HANSEN

POSITIVE DISPLACEMENT

VACUUM CLEANERS AND BLOWING MACHINES

In offering the Baker-Hansen line of positive displacement Vacuum Cleaning and Blowing Machines we have maintained the highest point of efficiency and simplicity which is the result of years of experience, study and development, all fully protected by patents. The Architect that specifies Baker-Hansen products makes no mistake and is assured of giving his clients the most satisfactory equipment possible to install.



Model A ½ HP Residence size Baker-Hansen Vacuum Cleaner Positive Displacement

Baker-Hansen Vacuum Pumps and Blowers

have been used by Vacuum Cleaner Manufacturers for the past four years giving the best of satisfactory service on hundreds of installations. Realizing the field and necessity for a positive vacuum cleaner that will meet every demand, being simple in construction, easy to operate at a minimum expense, we have taken over many patents in addition to the patents owned and controlled and since adding this line we have been working to develop and add the minor refinements to make the line most complete.

Great care has been taken in bearing construction, to have same as simple as the construction of the Electric Motor bearing, thus the oiling and care to be given the Baker-Hansen Positive Displacement Vacuum Cleaners is reduced to the minimum.

Main Office and Factory

744-758 Twenty-Third Ave., Oakland, Cal.

All Baker-Hansen Positive Displacement Vacuum Cleaning and Blowing Machines

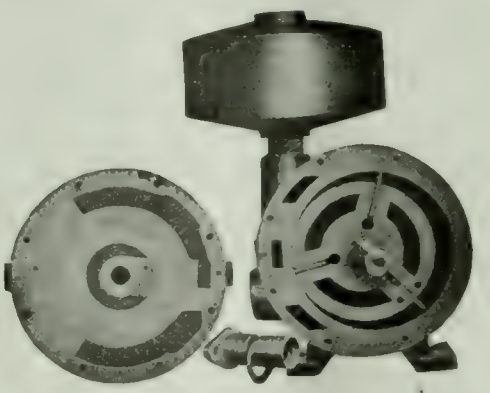
are of the same construction and general appearance as the Model A residence size shown in the large cut.

NO BUILDING TOO LARGE BUILT IN ALL SIZES

ANY NUMBER OF SWEEPERS

PRICES

Model A ½ HP Vacuum Cleaner with set of tools, 25 ft. vacuum hose, residence or apartment .....1 Sweeper	$185.00
Model B 1 HP Vacuum Cleaner for residence or apartment house, with set of tools, 50 ft. vacuum hose.....1 Sweeper	235.00
Model C 2 HP Vacuum Cleaner and Blower with set of tools for Office Bldg., Hotels, Schools, Churches, Apartment Houses, etc. .....1 Large Sweeper	
Model D 5 HP Vacuum Cleaner and Blower for Office Buildings, Hotels, Schools, Churches, Apartment Houses, etc..... .....2 Large Sweepers	
Model E 7½ HP Vacuum Cleaner and Blower for Office Buildings, Schools, Apartment Houses, Hotels, etc..3 or 4 Large Sweepers	
Model F 10 HP Vacuum Cleaner and Blower for Office Buildings, Schools, Apartment Houses, Hotels, etc..4 or 6 Large Sweepers	



The HEART of the Vacuum Cleaner. Blower and Vacuum Pump with cover removed.
Simple, Positive, Efficient.
Gold Medal P. C. I. E. 1916.
Extra hose furnished when desired.
Also Flexible Metal Hose.

We can furnish machines for a dozen sweepers or more if necessary for the job.

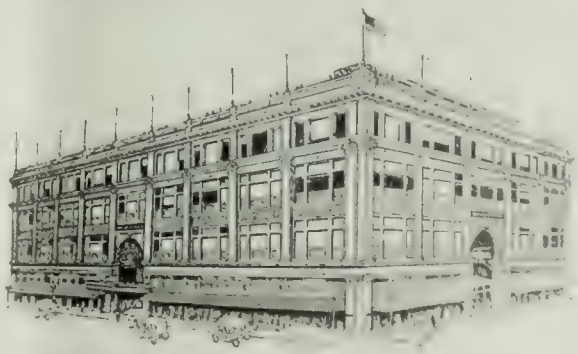
The above prices are f. o. b. Factory. We do not list the prices on Models C, D, E, F, etc., for the reason that power available and specifications vary, all of which govern the prices of the larger sizes.

Reasons why your cleaner should be a

BAKER-HANSEN

1. It cleans.
2. Simple and easy to operate.
3. Minimum of expense to maintain.
4. Positive in action.
5. No dust; cleans walls, furniture, etc.
6. Will last a life time.

For service and satisfaction let it be a BAKER-HANSEN.



H. C. Capwell Department Store, Oakland.

We also manufacture rotary Air Compressors, Blowers, High Vacuum Pumps, Air Lifts for Liquid Pumping.

Manufactured on the Coast

BAKER-HANSEN - 744-758 23rd Ave., Oakland, Cal.

Filed May 21, '17. Dated May 10, '17.
Floor joists in ..... $ 500
Enclosed 1050
Tank house framed 700
Completed 1125
Usual 35 days 1125
TOTAL COST, $4500
Bond, $2300. Sureties, I. H. Jones and O. E. Price. Limit, 120 working days. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
LOTS 5 AND 6 BLK 81, Fresno. Alterations, etc., in bakery.
Owner.....H. Kraff & Co., Tulare & J St., Fresno.
Architect .....None.
Day's work. COST, $2000

BRICK STORE
LOTS 29 TO 32 BLK 192, Fresno. All work for store building.
Owner.....M. S. Saroyan.
Architect .....I. Jay Knapp, Griffith-McKenzie Bldg., Fresno.
Contractor....A. Allen, 259 Blackstone St., Fresno.
Filed May 16, '17. Dated May 16, '17.
Brick work ready for roof joists. $560
Completed 560
Usual 35 days 565
TOTAL COST, $1685
Bond, $845. Surety, Maryland Causalty Co. Limit, 40 working days. Forfeit, $10. Plans and specifications filed.

BRICK BUILDING
TENTH ST., Reedley, Fresno Co. All work for brick municipal building.
Owner.....City of Reedley.
Architect .....None.
Day's work. COST, $10,000

DWELLINGS
LOTS 30 TO 35 BLK "A" Iowa Addition, Fresno. Two dwellings and garage.
Owner.....K. C. Buwalda, 901 Mono St., Fresno.
Architect .....None.
Day's work. COST, $3800

DWELLING
LOT 13 BLK 34, Alta Vista Tract, Fresno. Dwelling and garage.
Owner.....Alta Vista Homes Co.
Architect .....None.
Day's work. COST, $2900

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
May 17, 1917—LOTS 36 TO 40 BLK "A" Iowa Addition, Fresno. K C Buwalda to whom it may concern ..... May 14, 1917
May 21, 1917—LOTS 2, 3 AND 4 BLK 39 Lot 11 Blk 25, Alta Vista Tct., Fresno. Alta Vista Homes Co to whom it may concern....May 17, 1917

BUILDING CONTRACTS.

Sacramento County.

DWELLING
LOT 248, Smith Tract, Sacramento. Dwelling.
Owner.....L. H. Holzer, 3613 Laurel St., Sacramento.
Architect .....None.
Day's work. COST, $1200

FLATS
NO. 2217 J ST., Sacramento. Two-story flats (4 flats 4-rooms each).
Owner.....A. C. Mass.
Architect .....None.
Contractor....W. R. Saunders, 2810 I St., Sacramento.
COST, $7000

REPAIRS
NO. 1239 J ST., Sacramento. Repair & plaster interior of dwelling, build new tin roof and new rear stairway.
Owner.....Ella A. Folger, 1122 H St., Sacramento.
Architect .....None.
Contractor....J. Laidlaw.
COST, $1000

DWELLING
NO. 2716 FORTY-THIRD ST., Sacramento. All work for one-story five-room dwelling.
Owner.....W. T. Foster, 35th and Cypress Ave., Sacramento
Architect.....None.
Contractor....W. B. Phillips, 4015 Cypress, Sacramento.
COST, $1500

REPAIRS
FRONT AND P, Sacramento. All work of remodeling and repairs to roof.
Owner.....California Packing Cpn.
Architect.....None.
Day's work. COST, $2500

BUILDING CONTRACTS.

San Joaquin County.

FRAME BUNGALOWS
N WATERLOO ROAD, San Joaquin County. All work for three frame bungalows.
Owner.....Herbert Hall.
Architect .....Stone & Wright, San Joaquin Valley Bank Bldg., Stockton..
Contractor....J. B. Wolfe, S-Center St., Stockton.
Filed May 14, '17. Dated May 10, '17.
Ready for plaster 75%
Completed 25%
TOTAL COST, $3400
Bond, $1700. Sureties, H. R. Foster and Wm. Jack. Limit, 60 days. Forfeit, $5 per day. Plans and specifications filed.

BRICK HOTEL
MANTECA, San Joaquin Co., Cal. All work for three-story brick hotel and store building.
Owner.....A. V. Faight, Care Heald's Business College, Stockton.
Architect .....Joseph Losekann, San Joaquin Bldg., Stockton.
Contractor....H. E. Wickroy, E-South St., Stockton.
Filed May 15, '17. Dated Apr. 27, '17.
Foundations ..... $ 750
Brick work to 1st story 3250
All brick work completed 3500
Plastered 4000
Interior wood work done 3000
When completed 2375
Usual 35 days 5625
TOTAL COST, $22,500
Bond, $10,000. Sureties, Joe L. Warner and Henry C. Meyer. Limit, 120 days. Forfeit, $10 per day. Plans and specifications filed.

OFFICE BUILDING
SPRECKELS SUGAR PROPERTY, Manteca. All work for 1½-story brick office building.
Owner.....Spreckels Sugar Co., Spreckels, Cal.
Architect.....Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor....Thomas Lewis, Stockton.
COST, $6000

CLUB HOUSE
SPRECKELS SUGAR PROPERTY, Manteca. All work for 1½-story club house.
Owner.....Spreckels Sugar Co., Spreckels, Cal.
Architect.....Ralph P. Morrell, I. O. O. F. Bldg., Stockton, Cal.
Contractor....Thomas Lewis, Stockton.
COST, $9,000

COTTAGES
SPRECKELS SUGAR PROPERTY, Manteca. All work for eight one-story frame cottages.
Owner.....Spreckels Sugar Co., Spreckels, Cal.
Architect.....Ralph P. Morrell, I. O. O. F. Bldg., Stockton, Cal.
Contractor....Thomas Lewis, Stockton.
COST, $25,000

STOCKTON, San Joaquin Co., Cal., May 23, 1917—Members of the city council and a few interested citizens, including a number of architects, held an informal meeting Wednesday afternoon, during which a discussion of the proposed building ordinance took place.

A few objections were made, but nothing definite regarding the matter was done.

Later on a number of night meetings will be held so that contractors, painters and in fact all of the building trades interests in the community will be invited to attend and examine the provisions of the proposed law.

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San Francisco, Cal., June 6, 1917

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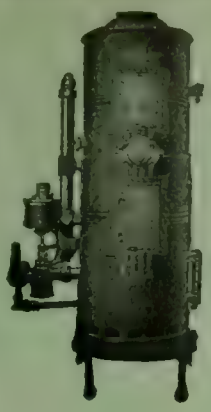
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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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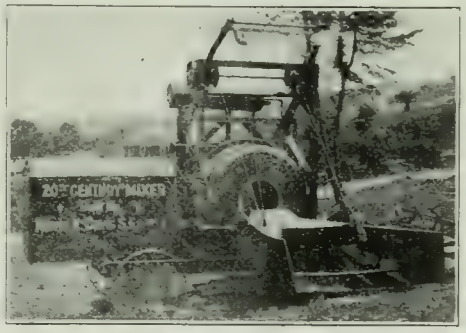
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

Issued Weekly, $3.00 per year | San Francisco, Cal. June 6, 1917 | Seventeenth Year, No. 24



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SAN FRANCISCO OFFICE
560 Mission Street.
Telephone—Douglas 2372.

Aviation and sub-marine bases, we are told, are to be established at five Pacific Coast points from Washington to the southern California line. The submarine bases at Mare Island will cost $490,000 and the aviation bases at the same place $375,000, according to reports. Of this amount a very considerable will be expended in construction. Will local bidders be informed that these contracts are to be let?

In this connection it is both interesting and pleasing to read the latest order issued by Paymaster General McGowan of the Navy Department relating to the purchase of supplies, etc.:

Competition for Navy Contracts

Paymaster General Samuel McGowan, U. S. Navy, has issued an order which will prevent the waiving of competition except in extraordinary cases. He says that it is undesirable to indorse requirements with recommendation that competition be waived "in favor of" one or another firm or person; he adds that the sole consideration should be the exigencies of the service "competition being waived, if at all, 'in favor of' the United States." It is further pointed out that it is not difficult under the most pressing circumstances to obtain competitive quotations and thus the established practice of the bureau of supplies and accounts of the Navy Department will be adhered to with exceedingly few exceptions. Paymaster General McGowan adds:

"In view of all these facts, the paymaster general is convinced that nothing much more demoralizing and more completely destructive of the integrity of the navy's entire supply system could possibly occur than for this department to once start in conferring on anybody blanket authority to waive competition."

Word comes from Washington stating that a contract will be awarded very shortly to James A. Stewart Construction Co. of Chicago, for the construction of the six Army and Navy aviation camps provided for by an emergency appropriation totaling $185,000,000. While the major portion of the appropriation will be expended for equipment and maintainence, the item of construction involves an immense expenditure.

At least one of these aviation camps will be erected in California. This fact is shown by the recent purchase of North Island, near San Diego, from John D. Spreckels at a cost of $1,800,000. This island, containing a total of 1,200 acres, has been placed under the control of the Army and Navy Aviation Corps. This camp will probably be the only aviation center in the Department of the West, although a smaller camp has been considered and may possibly be located either near San Francisco or in Oregon or Washington.

Some insight into the method of awarding contracts for temporary construction for the army and navy is gained from the following portion of a letter received from our correspondent in Washington, D. C., and which is his reply to our request that we be informed by wire whenever the letting of contracts on this coast is being considered.

"Contracts for emergency construction for the regular army, the conscripted army, National Guard, Army Aviation Corps, Hospitals and for navy construction under the Bureau of Yards & Docks, are, in most cases, closed by verbal agreement. The fact that a particular firm will receive a contract for the construction of temporary buildings at any point becomes a matter of general gossip sometimes before the contract is closed. It is impossible to secure authentic information regarding these verbal agreements and therefore I don't believe that I could be of material assistance to you."

In this connection the attention of those interested in building activities in San Francisco is again called to the beneficial results recently obtained by the Western shipbuilders in taking up the matter of awarding Eastern firms exclusive contracts for building wooden vessels. A delegation of representative men engaged in this line of construction has recently returned from Washington bringing with them contracts for more than one hundred vessels to be built on the Pacific Coast. Their action was not criticised, and why should local contractors and material men allow the foolish fear that they may be considered unpatriotic, stop them in protesting awards of such contracts to Eastern firms?

The Railroad Commission will hear on June 21 the applications of the railroads and steamship companies of the State for an increase of 15 per cent in freight rates, or more than $8,000,000 a year. The entire membership of the Railroad Commission will sit in these important cases, and evidence will be presented on behalf of nearly a half hundred transportation concerns. The commission will hold hearings both in San Francisco and in Los Angeles. The railroads will first present their evidence at the hearings in San Francisco, which are expected to last several days, and after a period for preparation shippers and all other interested parties will be heard by the commission. Shippers of the south will have an opportunity to appear before the commission in Los Angeles.

The railroads of the entire country are now appearing before the Interstate Commerce Commission in Washington on similar pleas. Generally speaking they base their claim for a horizontal raise of 15 per cent in freight rates on the increased cost of operation through higher wages and dearer materials. The railroads of California made a joint application which was presented to the commission by F. W. Gomph, as their agent, and the steamship companies filed separate applications.

The railroads of the entire country have estimated that their expenses for the current year over the previous year, owing to increased cost of labor and material, will be more than $447,000,000 for the eight principal items of expenditure. Wages, raised by the Adamson Act are set down in this estimate as $60,000,000 higher in 1916, and other employes' wages, not affected by the eight hour law enacted by Congress and upheld by the supreme court, total $40,000,000 more than in the past 12 months.

After a very brief illness Wm. Foote Aldrich of the Capital Sheet Metal Works, of San Francisco, died last Saturday and was buried last Tuesday. Mr. Aldrich was one of the most prominent nembers of the building community. His sudden demise will be regretted by his host of friends.

WASHINGTON A $500,000 hospital for the Pacific branch of the National Home for Disabled Volunteer Soldiers probably will be allowed by this Congress. A bill appropriating this sum for the hospital, with indorsement of the War Department, was introduced recently by Representative Osborne.

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

Contract Awarded. Contractor Wants sub-figures on all parts of the work.
FRAME APARTMENTS Cost, $30,000
SAN JOSE, Santa Clara Co., Cal. St. John and Second Sts.
Three-story and basement frame apartments.
Owner—Mitchell Phillips.
Architect—Charles S. McKenzie, San Jose Bank Bldg., San Jose.
Contractor R. S. K. MacMillen, 153 Duncan St., San Francisco.

Will Take Segregated Figures in About Two Weeks.
CLASS "C" APARTMENTS
COST, $50,000.
SAN FRANCISCO. NE Clay and Laurel Streets.
Four-story and basement "C" apartments, 57-6x87-6 (2 apartments to each floor 1 6-room and 1 7-room).
Owner—James L. McLaughlin et al, 244 Kearny St., San Francisco.
Architect—Not Given.
NOTE:—Building is designed for a seven-story structure.

Plans Being Prepared.
FRAME APARTMENTS COST, $48,000
EAST OAKLAND, Alameda Co., Cal.
Three-story frame apartments (27 apartments; 12 2-room and 15 3-room apartments)
Owner—Withheld.
Architect—Claude B. Barton, 1st Trust Bldg., Oakland.

Plans Being Prepared. To be Erected By Sub-Contract.
FRAME AND PLASTER APARTMENTS. COST, $——
PASADENA, Los Angeles Co., Cal. Los Robles Ave and El Dorado St.
Two-story and basement frame and plaster apartments house (80 rooms, 20 apartments).
Owner—R. D. Davis.
Architect—Arthur C. Munson, 750 E-Colorado St., Pasadena, Cal.

Plans Being Prepared.
CLASS "C" APARTMENTS Cost, $——
LOS ANGELES. SW Eighth St. and Garland Ave.
Three-story and basement Class "C" apartment house, 50x150 (100 rooms of 2 and 3 room apts.).
Owner—Harrold Nutter.
Architect—L. L. Jones, 615 Hibernian Bldg., Los Angeles.
Financial Agent—W. W. Paden, 315 Story Bldg., Los Angeles.

Preliminary Plans Prepared.
AVIATION SCHOOL BUILDINGS
COST, $250,000
LOS ANGELES, Los Angeles Co., Cal. 500 acre site on the ocean front near Los Angeles.
Group of 6 reinforced concrete aviation school buildings.
Owner—Not Given (Major J. Robinson Hall, former instructor for the U. S. Government, is in charge of the project).
Architect—Montgomery & Montgomery 609 Merritt Bldg., Los Angeles.

To Be Done by Day's Work.
BRICK APARTMENTS COST, $30,000.
SAN FRANCISCO, east Jones 55 N. Sutter.
Four-story and basement brick apartments; 40 by 31 feet 3 inches; 15 apartments.
Owner—John Dempniak, 1664 Washington Street, San Francisco.
Architects—Rousseau & Rousseau, 110 Sutter Street, San Francisco.

To Be Done by Day's Labor.
APARTMENT ALTERATIONS Frame
COST $3,000.
SAN FRANCISCO, west Polk between Ellis and Willow streets.
Alter present building into 6 apartments.
Owner—Teresa Bell, 138 Laindley St., San Francisco.
Architect—George Wagner, 251 Kearny street, S. F.

Plans being figured.
FRAME APARTMENTS COST, $18,000.
SAN FRANCISCO, Pacific and Burgoyne streets.
Three story and basement frame apartments of 5 rooms each.
Owner—P. F. Rathjens.
Architects—Foulkes & Hildebrand, Crocker Bldg., S. F.

Preliminary Plans Being Prepared.
CLASS "C" APARTMENT HOUSE
COST, $——
SAN FRANCISCO. Ada Court near O'Farrell Stret.
Three-story and basement Class "C" apartment house (21 2 and 3 room apartments.
Owner—Mr. Kelly.
Architect—Newsom & Newsom, 1748 Broadway Oakland.

Plans Being Prepared.
APARTMENT HOUSE Cost, $30,000
ALAMEDA, Alameda Co., Cal. Santa Clara Avenue.
Two-story and basement frame apartment house (16 2 and 3 room apts)
Owner—Mr. Collins.
Architect—Newsom & Newsom, 1748 Broadway, Oakland.

BANKS.

SAN FRANCISCO—The first definite announcement that the Anglo & London Paris National Bank, new owners of the property on the south line of Market street east of the Hobart Building, will improve this property was made Saturday.

An official speaking for the bank stated that while no architect had been selected preliminary sketches had been submitted. He further stated that a high class office structure would be erected covering the entire lot and extending through to Sutter street. The number of stories and type of construction is yet to be determined.

BONDS.

SOUTH BEND, Wash.—The question of issuing bonds of $275,000 for the construction of roads and bridges will be voted upon here June 12th. C. S. B. Henry is County Engineer.

REDONDO BEACH, Los Angeles, Co., Cal.—An election will be called shortly to vote on an issue of $300,000 for harbor improvements. An ordinance of intention has been adopted. The work proposed will provide for the improvement of the water front by building and constructing a breakwater, jetty, sea-wall and wharf, including the acquisition of the necessary land, rights of way, machinery, apparatus and other property necessary.

GUINDA, Yolo Co., Cal.—The $10,000 school bond issue with which to erect a new grammar school building, has been sold and work will be started shortly.

SANTA BARBARA, Santa Barbara Co., Cal.—The proposed bond issue in the sum of $275,000 for the erection of a new high school at Santa Barbara, failed to carry at the special election held last Friday. Architect John J. Donovan of Oakland has prepared preliminary plans for the buildings.

HAYWARD, Alameda Co., Cal.—The City Attorney will be asked to prepare proceedings to call a bond election to vote $10,000 for the construction of two new ward schools. Some time ago $20,000 were voted to erect two new schools in the south and north ends of town.

ANDERSON, Shasta Co., Cal.—The $40,000 school bond issue held recently was defeated. The issue was to provide for a new high school.

FRESNO, Fresno Co., Cal.—The Fortuna School District is considering an issue of bonds in the sum of $8,000 to erect a new school building.

WOODLAND, Yolo Co., Cal.—The Supervisors have sold the $20,000 grammar school bond issue for the Esparto School District and a new building will be under construction within the next few weeks. W. H. Weeks, 75 Post Street, San Francisco, is the architect, and bids are being called for to close sometime in June.

LYNWOOD, Los Angeles Co., Cal.—Bonds in the sum of $30,000 have been voted for the erection of a new school building in the Lugo school district near Lynwood.

PASO ROBLES, San Luis Obispo Co., Cal.—The City of Paso Robles has purchased through a bond issue the water

system of the Midlands County Public Service Corporation for $33,170.85.

BRIDGES AND DAMS.

OLYMPIA, Wash. The State Highway Commission has rejected all bids submitted for the construction of the Coweman River bridge. The lowest bid being $20,165, also for the Olympic Highway between Mud Bay and McCleary, lowest bid being $22,524, and for the Kalama River bridge and, Olmypic Highway in Thurston and Grays Harbor Counties the bids being too high.

SAN DIEGO, San Diego Co., Cal.—Bids will be received by the Board of Supervisors up to 2 P. M. of June 18, for the construction of a wood pile trestle bridge across Viegas creek on state highway, San Diego to Imperial, Div. VII S. D. County Route 12, Sec. D., at Sta. 193 plus 0 0. Also for a reinforced concrete bridge over Pine Valley creek on state highway, San Diego to Imperial, Div. VII S. D. County, Route 12, Sec. D, between Station 825 plus 51 to Station 826 plus 96, in accordance with the plans and specifications on file in the office of the Board of Supervisors. Certified check for 5% required. J. B. McLees is clerk.

CLIFTON, Ariz.—Bids will be received by the Town Clerk up to 8 P. M. of June 25, for constructing a reinforced concrete bridge over the San Francisco river. Plans ond specifications may be obtained from A. J. Kerr, engineer, upon deposit of $5. Certified check for $2,000 required. Matt Danenhauer is the Clerk.

NOGALES, Ariz.—No bids were received by the Treasury Department, Washington, D. C., for the construction of a bridge on the Customs Reservation, near Nogales

MARYSVILLE, Yuba Co., Cal.—The County Supervisors have engaged Engineer Erle L. Cope, 1st National Bank Bldg., San Francisco, to prepare plans and specifications for the proposed steel and wood bridge to be erected over the Feather River at Nicolaus. Cope will superintend the construction of the bridge which is estimated to cost $120,000 and for which funds will be paid by a direct tax.

VANCOUVER, Wash.—Bids are being received by Clark and Cowlitz Counties for the construction of the proposed Yacolt-Yale bridge to be constructed twelve miles north of Yacolt, in Clark County.

Plans may be had from County Engineer B. L. Dorman of Clarke County.

Plans provide for a wood arch bridge and a combination wood and steel suspension bridge to be 360 feet long.

OAKLAND, Alameda Co., Cal.

A protest has been filed with the Oakland City Council objecting to further extension of time being granted to the Southern Pacific Co. in the matter of maintaining the Oakland Long wharf. The original agreement called for the removal of the wharf by the fall of 1918.

CHURCHES.

Plans Being Figured. Bids Close June 8th, 6 P. M.
BRICK CHURCH. COST, $10,000
FRESNO, Fresno Co., Cal. Coast and Summer Avenues.
Brick church.
Owner—Danish Lutheran Church.
Architect—Henry F. Starbuck, 2550 Merced St., Fresno, Cal.

FACTORIES AND WAREHOUSES.

SPOKANE, Wash.—Plans are being prepared by a Tacoma, Washington, firm of engineers for a reinforced concrete flour mill to be erected in Spokane, Washington, by the Sperry Flour Co., 332 Pine street, San Francisco. The first unit will have a capacity of 750 barrels per day, and this output will be increased later to 1,500 barrels.

OAKLAND, Alameda Co., Cal.—Masow & Morrison, Monadnock Bldg., San Francisco, have been awarded the contract for the balance of the construction at Albers Bros. new plant in Oakland on a bid of about $250,000.

A six-story reinforced concrete mill building, 62x182 feet, with 32 reinforced concrete tanks, 70x30 feet, and a two-story mill constructed warehouse, 170x418 feet and a dock is included in a contract taken for about $177,000. Additional work not before mentioned brings the total up to $250,000.

Plans were prepared by Engineer R. M. Henningsen, Security Bank Bldg., Oakland. The contractors will sublet portions of the work.

BAKERSFIELD, Kern Co., Cal.—Construction of a beet sugar factory, to cost, including machinery, $800,000, will start in July. E. U. Combs of the San Joaquin Valley Sugar Company, at Visalia, is authority for this information. The factory, which will have a capacity of 1000 tons a day, is being promoted by James Pingree, president of the Pingree Sugar Company, at Corcoran; Job Pingree, and E. A. Nickerson, San Francisco, president of the San Joaquin Valley Sugar Company.

LOS ANGELES, Cal.—The Los Angeles Shipbuilding & Drydock Company has commenced work on the first of the buildings to be erected at Los Angeles Harbor. The buildings to be erected at this time are an office and store house. The dredging to construct four ship ways and reclaim the land on which other buildings are to be erected will be started at once. The officers of the company are Fred L. Baker, S. L. Naphthaly, Fred A. Gardner, general superintendent and chief engineer; and Stoddard Jess, J. F. Sartori and Dan Murphy.

The four ship ways will each be 500 feet long by 60 feet wide. There will be over 900 piles in each. Three more ways will be built when the second unit of the plant is added.

The largest structure of those to be built this summer will be the "laying-out" building, 600x100 feet and two stories high; machine shops, 400x100 feet; foundry, 300x100 feet and the carpenter shops of like dimensions. The office building will cover a ground area of 200x100 feet; boiler shop, 200 x100 feet; general warehouse, 350x100 feet; a storagehouse and rivet shop, 300x75 feet; air compressor; electrical shop, 150x100 feet; a pipe shop, 200x 100 feet. There will also be a wharf, 500 feet long by 60 feet wide, equipped with "sheer legs" and other lifting machinery

SAN DIEGO, San Diego Co., Cal.—The Tracy Engineering & Ship Building Company has been organized by Theron H. Tracey of Los Angeles, and will locate a shipbuilding plant on a 20-acre tract of land a few miles south of San Diego. The company has purchased nine buildings and the machinery of the Tracy Brick & Art Stone Company, and will add other buildings to the plant and install additional machinery. A contract for the dredging of a channel will be let within thirty days. The organization is capitalized at $250,000 and the officers are: Theron H. Tracy, Chas. A. A. McGee, Samuel A. Parnell, general manager; William E. Provost, assistant general manager; and H. M. Barstow of Los Angeles.

Plans Completed... Will Order Bids Before End of May.
BREMERTON, Wash.
FIREPROOF WAREHOUSE.
COST, $500,000
Nine-story Fireproof Warehouse.
Owner—U. S. Government.
Architect—Bureau of Yards & Docks, Washington, D. C.

Plans Being Prepared.
BRICK OR CONCRETE DAIRY.
COST, $35,000
BAKERSFIELD, Kern Co., Cal.
Brick or concrete dairy.
Owner—E. J. Schultz, Care American Dairy, San Jose, Cal.
Architect—Not Given.

Plans Being Prepared.
REINFORCED CONCRETE EVAPORATING PLANT. Cost, $150,000 structure complete; $30,000 for 1st unit.
SALEM, Oregon.
(1st unit) one-story reinforced concrete evaporating plant, 50x200.
Owner—Wittenburg-King Company.
Architect—Sutton & Whitney, Lewis Bldg., Portland.

Contract Awarded.
FRAME CANNERY BUILDING.
COST, $10,000
FORT BRAGG, Mendocino Co., Cal., at the mouth of the Noyo River.
Frame cannery building, 50x100.
Owner—F. D. Small and D. C. Uric, Tillamook, Oregon.
Architect—Not Given.
Contractor—A. W. Biggers.
(16376)

Plans Being Prepared.
ALTERATIONS. Cost, $——
OAKLAND, Alameda Co., Cal. Waterfront.
Alterations to frame warehouse
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
NOTE:—Put in brick and concrete fire walls.

Plans Being Figured.
BRICK PACKING HOUSES. COST $7,000
SAN FRANCISCO. Several. Care through to Langton.
Two one-story brick packing houses
Owners—Workman Packing Co.
Architect—Smith O'Brien, Bankers Investment Bldg., S. F.

Contract Awarded
COLD STORAGE PLANT Cost, $75,000
NORTH YAKIMA, Wash.
Two-story and basement hollow tile and mill Cold Storage Plant.
Owner—Yakima Artificial Ice & Cold Storage Co.
Arch tect—Not Given.
Contractor—The Puget Sound Bridge & Dredging Co., Central Bldg., Seattle, Wash.

Plans Being Figured. Bids Close June 25th, 11 A. M.
CONCRETE WAREHOUSE Cost, $——
MARE ISLAND, Cal. Mare Island Navy Yard.
Four-story and basement reinforced concrete warehouse, 60x400.
Owner—United States Government.
Engineer—C. A. Carlson, Public Works Office, Mare Island.
SPECIFICATIONS
Construction of Frame, reinforced concrete; Exterior Finish, cement plaster; Floors, cement and O. P.; Roof, T. & G.; Tanks steel.

Contracts Awarded.

Contract Awarded.
WAREHOUSE. Cost, $——
PETALUMA, Sonoma Co., Cal. On river front near "D" Street.
One-story Corrugated Iron Warehouse 50x180.
Owner—Thomas Maclay, 137 Kenturky St., Petaluma, Cal.
Lessee—M. Vonsen Co., 114 Kentucky St., Petaluma, Cal.
Architect—Not Given.
Contractor—H. P, Vogensen, 600 5th St., Petaluma.

Contract Awarded
BRICK PACKING HOUSE.
COST, $22,000
PARLIER, Fresno Co., Cal.
One and two-story brick packing plant
Owner—California Peach Growers' Association.
Architect—Glass & Butner, 3 Republican Bldg., Fresno, Cal.
Contractor....Johnson Bros., Kingsburg Fresno Co., Cal.

FLATS.

Plans Being Prepared.
FRAME FLATS & GARAGE
COST, $6,000
SAN FRANCISCO, W Jones bet. Lombard and Chestnut Streets.
Three-story and basement frame flats and garage in basement (2 4-room 1 3-room).
Owner—Not Given.
Architect—Paul F. De Martini, 2123 Powell St., San Francisco.

0To Be Done by Day's Labor.
FRAME FLATS COST, $2,800.
SAN FRANCISCO, south Oak 67 west Fillmore.
Two-story and basement frame flats, 40 by 30 feet.
Owner—B. Naughton, San Francisco
Architect—None.

To be done by Day Labor.
FRAME FLATS COST, $6,000.
SAN FRANCISCO, northwest Anza and 21st avenue.
Two-story and basement frame, 4 flats.
Owner—Thomas Hamill, 1009 Balboa street, S. F.
Architect—None.

Plans Being Figured.
REINFORCED CONCRETE STORE and FLAT. COST, ——.
SAUSALITO, Marin Co., Cal.
Two-story reinforced concrete saloon and flat, 5 rooms and bath.
Owner—Not given.
Architects—O'Brien Bros., 240 Montgomery stret, S. F.

GARAGES.

Contract Awarded
GARAGE & SALESROOM Cost, $25,000
SEATTLE, Wash. SW Pine and Boylson Ave.
Three-story and basement brick and mill garage and salesroom, 43x60.
Owner—Paige Motor Sales Co.
Architect—V. W. Voorhees, Inc., Eitel Bldg., Seattle, Wash.
Contractor—MacRae Bros., Empire Bldg., Seattle.

Contract Awarded
COMMERCIAL GARAGE. Cost, $——
LOS ANGELES. Nos. 934-936 South Hope Street.
Two-story and basement brick and concrete Commercial Garage, 100 x157.
Owner—Wm. Garland, Washington Bldg., Los Angeles.
Lessee—Earl V. Armstrong Co., Agents of the Chandler.
Architect—S. Heineman, 831 San Fernadno Bldg., Los Angeles.
Consulting Architects—Morgan, Walls & Morgan, 1130 Van Nuys Bldg., Los Angeles.
Contractor—Leonardt & Peck, 721 H. W. Hellman Bldg., Los Angeles.

Plans Prepared.
CONCRETE AND FRAME GARAGE
COST, $ ——
PACIFIC GROVE, Monterey Co., Cal. Asilomar.
One-story concrete and frame garage (40 machines)
Owner—Young Women's Christian Association.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.

Working Drawings Being Completed.
GARAGE AND STORES Cost, $20,000
ANTIOCH, Contra Costa Co., Cal.
One-story brick garage and stores, 100x100.
Owner—Not Given.
Architect—O'Brien Bros., 240 Montgomerv St., San Francisco.

GOVERNMENT WORK & SUPPLIES.

SAN DIEGO Co., Cal.—The United States Army Department has selected 8,000 acres near Linda Vista, San Diego county, as the site for a training camp for the new army to be raised. Construction work will be started as soon as the formalities of executing a lease with the government have been completed. The City of San Diego is to construct roadways to the site and provide water, gas and electricity. The Santa Fe Railway Company will construct a spur track to the camp.

It is estimated that approximately 200 buildings will be erected at the camp which is to accommodate 30,000 soldiers. About 30,000,000 feet of lumber will be required and the labor will amount to $200,000. Colonel O'Neil at San Diego, states that he expects to receive orders to commence construction work at once and bids on lumber and other materials will be called for immediately..

SEALED PROPOSALS for furnishing one new or second-hand double effect or triple effect vacuum pans and vacuum crystalizing pan, all with salt pots and circulation systems, of a capacity of not less than four thousand gallons per day of 16 hours, to the Department of Agriculture at Summerland, Cal., will be received until noon Friday, June 15. Envelopes containing proposals should be endorsed: "Proposals for furnishing vacuum pans," and mailed to DR. J. W. TURRENTINE, Arlington Hotel, Santa Barbara, Cal., from whom blank forms and additional information may be obtained.

Word comes from Washington, D. C., that a contract covering the complete construction of the six aviation camps, authorized by the Army and Navy, will be awarded to James A. Stewart Co. of Chicago. At least one of these camps, that on North Island near San Diego, will be in California. It is possible that two smaller camps maybe constructed, one near San Francisco and the other in either Oregon or Washington. The camp at North Island comprises a large amount of temporary construction which will cost well over $1,000,000. North Island was recently purchased from John D. Spreckels at a cost of $1,800,000.

Laguna, N. Mex., Laundry Building.

The following bids were received by the commissioner of Indian affairs, Washington, D. C., for constructing a laundry building, including equipment at the Laguna Sanitorium, Laguna, N. Mex.:

S. J. Wicks, El Reno, Okla., $10,029.-42.

Houghton-Smith, Montezuma, Ia., $10,300, 210 days

H. F. Zilmer, Albuquerque, N. Mex., for steel stacks only, $2,490.

American Laundry Machinery Co., Chicago, Ill., $28,287.

Troy Laundry Machinery Co., 133 Center street, New York city, for laundry machine, f. o. b. Chicago, $1,-749; do, machine, f. o. b. Laguna, $1,-972.95; laundry machine as specified, millwright fitting, $2,036.85; to erect machinery, add $256; to cart machinery, $50.

Coast Guard Station No. 2.

The bid of J. Eric Johanson, San Francisco, Cal., $9,988 in amount, has been accepted for constructing Coast Guard Station No. 2 at Bolinas Bay, Cal. The work will be completed within 100 days.

Excavation, Etc.

The Secretary of the Interior has authorized the award of contract for excavation and earth lining on Nelson Reservoir, South Canal, Milk River irrigation project, Montana, to Rolla Barnes, of Malta, Mont. The contract price is $8,750.

Mare Island, Shell House.

Contract for the construction of a shell house and laboratory at the navy yard, Mare Island, Cal., has been awarded to Lange & Bergstrom at $21,934.

Nogales, Ariz., Bridge.

The supervising architect, Treasury Department, Washington, D. C., has awarded the contract for constructing a bridge at Nogales, Ariz., to Lown & Woods, Nogales, Ariz., at $7,000. Time to complete, 3 months.

SEATTLE, Wash.—Word has been received here from Col. Isaac Littell, of the Construction Quartermaster's Department, War Department, Washington, D. C., that no bids for improvements at American Lake will be called.

An award will be made to a contractor who will be selected by the Building Committee of the U. S. Munitions Board without competition.

Santa Fe, N. Mex., Heating, Etc.

The following bid was received by the supervising architect, Treasury Department, Washington, D. C., for repairs to heating, plumbing, wiring, lighting fixtures, etc., in the U. S. court house at Santa Fe, N. Mex.:

Noland-Clifford Co., Newport News, Va., $3,384, 100 days.

Boise, Idaho, Post Office.

In the construction of an extension to the U. S. post office at Boise, Idaho, the contract for which was awarded to Welch Bros. & Hannaman, Kalispell, Mont., nonconducting coverings manufactured by the Gillen-Chambers Company and air valves for radiators and hot water tank manufactured by the American Radiator Company will be used.

Pueblo, Colo., Heating.

No bids were received by the supervising architect, Treasury Department, Washington, D. C., in response to an advertisement for bids for making repairs to heating system in the U. S. post office at Pueblo, Colo.

Contract Awarded

AWARDS OF TWO GOVERNMENT CONTRACTS APPROVED.

Lange & Bergstrom, Sharon Bldg., San Francisco, have been formerly awarded the contract for constructing the shell house at Mare Island on their bid of $21,934.

J. Eric Johanson, 1832 Franklin St., San Francisco, has been awarded the contract for constructing Coast Guard Station No. 2 at Bolinas Bay on his bid of $9,988.

(13514) 1st report Jan. 18; 3rd May 14, 1917 and (15201) 1st report Apr. 11; 2nd May 15, 1917.

HALLS AND SOCIETY BUILDINGS.

Plans Being Prepared

BRICK LODGE HALL. Cost, $25,000

MODESTO, Stanislaus Co., Cal., SE "J" and 15th Streets.

Two-story and basement brick Lodge Hall, 50x108.

Owner—Modesto Masonic Hall Ass'n.

Architect—John Davis Hatch, associated with Wm. A. Newman, David Hewes Bldg., San Francisco

Plans Being Figured. Bids Close June 13 at 8 P. M.

CLASS "A" LODGE HALL, ETC COST, $70,000

SAN FRANCISCO, N Geary W Leavenworth.

Three-story and basement Class "A" Lodge Hall and Garage.

Owner—Islam Temple Mystic Shrine.

Architect—T. Patterson Ross, 310 California St., San Francisco.

Both general and segregated figures are being taken.

HOSPITALS.

Bids To Be Called For at Once.

CONCRETE HOSPITAL. Cost, $20,000

YUBA CITY, Sutter Co., Cal.

One-story and basement reinforced concrete hospital.

Owner—Sutter County.

Architect—Chester H. Cole, Waterland Bldg., Chico, Cal.

Bids will be called on three alternate propositions: (1) one-story reinforced concrete; (2) two-story frame and plaster; (3) two story hollow tile.

Plans Being Figured. Bids Close June 14, 1917, 11 A. M.

CONCRETE WARD Cost, $——

SAN FRANCISCO. San Francisco Presidio.

Concrete Ward (Ward "K") Letterman General Hospital.

Owner—United States Government.

Architect—Constructing Quartermaster's Office, Fort Mason, San Francisco.

For further particulars apply to the Constructing Quartermaster's Office, Fort Mason.

HOTELS.

Contract Awarded.

RED BLUFF, Tehama Co., Cal.—The contract for the heating and plumbing work in the Tremont Hotel, which will undergo extensive alterations, has been awarded to the Atlas Heating & Ventilating Co., 4th and Freelon Sts., San Francisco.

IRRIGATION PROJECTS

CENTERVILLE, Tulare Co., Cal.—The Concrete Pipe & Construction Company, Porterville, has been awarded the contract to construct approximately six miles of cement irrigation pipe of 24-inch and larger size, for Graves Bros., Centerville.

EI CENTRO, Imperial Co., Cal.—The Imperial Valley Irrigation bonds in the sum of $2,500,000 carried at the election held May 26. Of this sum $1,000,000 has already been expended for urgent improvements, the money having been advanced by bankers. The remaining $1,500,000 will be used this year. The improvements will provide for about 50,000 additional acres this year. The principal items in the construction work, part of them under way, are: Intake structure, above Hanlon headgate, $240,000; Nake canal, involving removal of 600,000 cu. yds of earth; river band and canal bank, rock revetment, $105,000, involving 6 cu. yds. of rock fill per linear foot; Tecolote cut in Alamo river canal from Quail river cut to near the Bowen headgate, $100,000, about 3 miles in length, 60 feet wide at [illegible] tom; Cerro Prieto canal extension from Cerro Prieto to the Cudahy check and waste into the Volcano lake region, $196,600, requiring riprapping, etc.; enlargement of main canal, $100,000, involving 28,500 lin. ft. of revetment, protection work, etc.; two locomotives, two steam shovels; fifty dump cars, etc., $100,000; protection work raising Volcano Lake levee and riprapping same, and protection work on Saiz levee, $500,000; Alamo waste gate, $81,000; controlling gate in main canal.

LIBRARIES.

Contract Awarded

CONCRETE LIBRARY Cost, $83,700

CORVALLIS, Ore.

Two-story reinforced concrete and mill constructed library.

Owner—Oregon Agricultural College, Corvallis, Ore.

Architect—John V. Bennes, Chamber of Commerce Bldg., Portland.

Contractor....Snook & Travers, Salem, Oregon.

POWER PLANTS.

Contract Awarded.

SAN RAFAEL, Marin Co., Cal.—Bids will be received until 8 P. M., June 7, by C. F. Whitaker, Secretary Marin Municipal Water District, for the construction of the Alpine dam. Work includes 8,000 cu. yds. Class "C" concrete; 2,000 cu. yds. Class "B" concrete, and 13,750 cu. yds. Class "C" concrete; 75 cu. yds. backfilling; 150 cu yds. grout; 1 000 lin. ft. grout-wells; 1,000 lin ft. grout-pipes, and hauling 122,000 lbs. of machinery and castings to be furnished by district. Plans from Secretary upon deposit of $5.

RAILROAD CONSTRUCTION

(By Special Wire)

A contract for constructing the new Western Pacific Railroad Company's road from Hackstaff, Lassen Co., Cal., to Reno, Nevada, has been awarded to the Utah Construction Co., Phelan Bldg., San Francisco. The line is about 60 miles long.

SAN FRANCISCO, Cal.—Plans are being completed in the engineering offices of the Santa Fe Company at Los Angeles for a cotton storage warehouse to be erected on the company's property in San Francisco.

The building will be 174x400 feet, carried on concrete pile foundation with brick fire walls, redwood siding, composition roof, electric work, plumbing, steel rolling doors and metal ventilators.

L. J. Haney, Santa Fe Bldg., Second and Market streets, San Francisco, will have charge of this construction.

Contract Awarded.

CLASS "A" PASSENGER DEPOT. COST, $——.

SAN BERNARDINO, San [illegible] Co., Cal.

Two-story Class "A" Passenger Depot, [illegible] with [illegible] story to [illegible]

[illegible] Santa Fe Railway Co.

Architect, W. H. Mahr, [illegible]

Contractor—Cresmer Manufacturing Co., Riverside, Cal.

RESIDENCES.

Plans Being Figured.
STONE & PLASTER RESIDENCE
COST, $
ALTEDENA, Los Angeles Co., Cal.
Two-story and basement stone and plaster residence (15 rooms, 5 bathrooms) also a garage.
Owner—F. R. Welles, Paris.
Architect—Myron Hunt, 1017 Hibernian Bldg., Los Angeles.

Plans Being Prepared. Will Be Done by Day Labor.
FRAME BUNGALOW. Cost, $8,000.
SAN FRANCISCO. Ingleside Terrace.
One and one-half-story and basement frame bungalow.
Owner—Urban Realty Co.
Architect—John A. Leonard, 85 Cerritos Ave., San Francisco.

Ready for Figures First of Next Week
Plans Being Prepared.
FRAME RESIDENCE. Cost, $3,500
OAKLAND, Alameda Co., Cal., Adeline, bet. 12th and 13th Streets.
One-story and basement frame residence (5 rooms and bath).
Owner—George Cordano.
Architect—Paul F. De Martini, 2123 Powell St., San Francisco.

Plans Being Prepared
FRAME RANCH HOUSE Cost, $4000
STANISLAUS COUNTY.
One-story frame ranch house.
Owner—Withheld.
Architcet—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Prepared.
FRAME RESIDENCE. COST, $2,500.
SAN FRANCISCO, south Precita 30 east Folsom street.
Two-story and basement frame, 25 by 50 feet.
Owner—John Piaza, northeast Precita and Folsom streets, S. F.
Architect—M. J. Welsh, 915 Treat avenue, San Francisco.

To Be Done by Day Labor.
FRAME RESIDENCE. COST, $2,950.
SAN FRANCISCO, south Balboa 90 feet east 26th avenue.
One-story frame dwelling, 28 by 58 feet.
Owner—J. H. Thorup, 279 26th avenue, S. F.
Architect—None.

To Be Done by Day Labor.
FRAME RESIDENCE. COST, $2,500.
OAKLAND, Cal., south 43rd street east Shafter avenue.
One-story and basement frame dwelling, 5 rooms.
Owner—R. Cormack, 728 39th street, Oakland.

Plans Being Prepared.
FRAME RESIDENCE Cost, $10,000
FRESNO, Fresno Co., Cal. Alta Vista Tract (Eighth and Balch Sts.)
Two-story and basement frame and stucco residence.
Owner—Mrs. Howard Mundorff, 604 Irving St., San Francisco.
Architect—Not Given.

SCHOOLS.

The sum of $16,000 has been voted to construct an addition of eight class rooms at the Chico Normal School. Plans are now being prepared in the office of the State Architect at Sacramento. Funds will be available early in August when bids will be called.

Van Nuys, Los Angeles Co., Cal.—The McKinley Home, an industrial school now located at Gardena, has secured a tract of 180 acres of land near Van Nuys and it is reported that the institution will be moved to the new location by next fall. According to plans now being considered, improvements to cost from $50,000 to $100,000 will be made. They will include an administration building, dormitories and buildings and equipment for a fine dairy.

Plans Being Prepared.
GRAMMAR SCHOOL. Cost, $60,000
LOS BANOS, Merced Co., Cal.
Sixteen-room brick Grammar School, 600x250.
Owner—Los Banos School District.
Architect—Ernest J. Kump, 227 Rowell Bldg., Fresno.

Plans Being Prepared.
FRAME & PLASTER SCHOOL.
COST, $15,000
LEMONCOVE, Tulare Co., Cal.
Frame and plaster school (3 rooms and an auditorium).
Owner—Lemoncove School District.
Architect—Ernest J. Kump 227 Rowell Bldg., Fresno.

Plans Nearing Completion.
FRAME & PLASTER SCHOOL
COST, $6,000
TURLOCK, Stanislaus Co., Cal.
One-story (1st unit) 3-room frame and plaster school.
Owner—Washington School District.
Architect—Hugh Y. Davis, 217 Rowell Budg., Fresno Cal.

Contract Awarded
FRAME SCHOOL Cost, $5,446
TIELMAN, Fresno Co., Cal.
One-story frame(3 class rooms) school
Owner—Tielman School District.
Architect—Swartz & Swartz, Rowell Bldg., Fresno, Cal.
Contractor—Stump & Bingham, Fresno, Cal.

Plans Being Figured. Plans can be secured from Architect. Bids close June 16, 1917. 10:30 A. M.
CLASS "C" HIGH SCHOOL.
COST, $———.
YREKA CITY, Siskiyou Co., Cal.
One and two-story and basement Class "C" High School.
Owner—Siskiyou Union High School District.
Architect—Henry C. Smith, 785 Market St., San Francisco.
NOTE:—All bids must be accompanied by certified check of $1,000 payable to A. C. Abshire, Clerk of the Siskiyou Union High School District.

Plans Being Figured.
CONCRETE SCHOOL Cost, $——
ESPARTO, Yolo Co., Cal.
One-story and basement reinforced concrete school (4 class rooms, library, lunch room and office).
Owner—Esparto School District.
Architect—W. H. Weeks, 75 Post St., San Francisco.

Plans Being Figured. Bids Close June 13th, 9:00 A. M.
BRICK & MILL DORMITORY.
COST, $40,000.
EUGENE, Ore., on University Campus.
Three-story and basement brick and mill dormitory, 28x200.
Owner—University of Oregon.
Architect—Lawrence & Holford, Chamber of Commerce Bldg., Portland.

Plans Being Figured. Bids Close June 16th, 1917.
FRAME SCHOOL. Cost, $——
MIDDLETOWN, Lake Co., Cal.
One-story and basement frame High School (6 class rooms, auditorium library and offices.)
Owner—Middletown Union High School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Contract Awarded.

RICHMOND, Contra Costa Co., Cal.—J. I. Collins, 252 17th Street, Richmond, has been awarded the contract by the Board of Education for remodeling the Peres School Sanitary System at $2,290.

RICHMOND, Contra Costa Co., Cal.—The Board of Education has awarded contracts to Zeb Knott, 319 7th Street, Richmond, for painting the Peres and Stege Schools.

SEWERS, STREET WORK & WATER SYSTEMS.

SACRAMENTO, Cal.—The County of Sacramento, through Purchasing Agent George Vice, has placed an order for 40,000 barrels of cement to be used in the construction of the county highway system. Bids were received for cement by the county several weeks ago, but declaring a combine existed all bids were rejected.

WATTS, Los Angeles Co., Cal.—T. H. Heinauer, Watts, was the lowest bidder at $22,809.86 for improving Main street. The approximate quantities are 94,288 sq. ft. Topeka paving; 4012 lin. ft. curb, 12,167 sq. ft. sidewalk; 2,042 lin. ft. 8-inch vitrified pipe sewer; 2,940 lin. ft. 6-inch vitrified pipe sewer; 3 manholes; 2 flush tanks and 44 one-light ornamental concrete lighting standards. G. R. Curtis bid $22,760.60 but omitted a figure on 6-inch pipe. The bids were taken under advisement until May 29.

FAIRFIELD, Solano Co., Cal.—The Solano County Board of Supervisors have passed a resolution of intention providing for road work in the Third District. The district being divided into Suisun No. 1, 2 and 3, and Green Valley No. 1. Plans now on file in the office of the County Recorder, call for grading, paving and macadamizing for roads 20 feet wide.

The mileage and estimated cost of the work in each district is as follows:

Suisun No. 1—Five miles; estimated expense, $49,000.

Suisun No. 2—Nine miles; estimated aggregate expense, $115,500.

Suisun No. 3—Six miles; estimated aggregate expense, $59,500.

Green Valley No. 1—Five miles; estimated aggregate expense, $60,000.

YUMA, Ariz. New bids will be received by the City Clerk up to 5 P. M. of June 12, 1917, for constructing bitulithic paving, etc., on Second avenue and other streets. The cost will be about $80,000. E. W. Dahl is the City Clerk.

SACRAMENTO, Cal. The following is a list of the lowest bidders on highway work as opened by the State Highway Commission, May 28th:

Yolo County, at Davis (III-Yol-6-A), an undergrade crossing with the Southern Pacific Railroad, including sub-structure for subway and about 1200 feet of Portland cement concrete pavement.

T. M. Olney, 358 Vernon St., Oakland, $13,600.

Engineer's Estimate, $11,874,56.

Solano County, between Batavia and Putah Creek (III-Sol-7-E), about 8.4 miles in length to be paved with Portland cement concrete.

T. M. Olney, Oakland, $48,591.50.

Engineer's Estimate, $50,451.65.

Santa Barbara County, between Zaca Station and Los Almos (V-S.B-2-C), about 9 miles in length to be paved with Portland cement concrete.

W. A. Dontanville, Salmas, $63 084.

Engineer's Estimate, $70,498.74.

Ventura County, between Santa Clara River and Ventura (VII-Ven-2-C), about 4 miles in length to be paved with Portland cement concrete.

Conner Contracting Co., Los Angeles, $27,461.

Engineer's Estimate, $27,482.82.

Tulare County, between ¼ mile west of Visalia and Tulare (VI-Tul-4-C), about 9 miles in length to be paved with Portland cement concrete.

J. H. Shafer, Los Angeles, $46,265.50.

Engineer's Estimate, $47,613.45.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works will receive bids up to June 8th for excavating, paving and fencing work about the Fairmount and Daniel Webster Schools.

Plans may be had from the Bureau of Architecture, 2nd Floor, City Hall.

STOCKTON, San Joaquin Co., Cal.—Bids opened by the City Council for the construction of a vitrified pipe sewer in El Dorado street, between Worth and South streets and in Grant street from Miner avenue to Oak street, have been taken under advisement. The bids follow:

Chambers & Heafey, Bacon Bldg., Oakland, $3,495.68; Frank C. McIntire, 215 E-Weber St., Stockton, $3,879.63; W. F. Edwards, 675 31st St., Oakland $4,453.70; Tibbetts-Pacific Co., 16 California St., San Francisco, $6,441.22.

VISALIA ,Tulare Co., Cal.—County Engineer Lovelace has completed plans and specifications for consideration by the Board of Supervisors, for about 17 miles of additional Tulare county highway extending from Lindsay to Exeter and from Porterville to a point south of Terra Bella.

WOODBURN, Ore.—Plans for an improved sewage system have been completed by L. B. Wickersham, City Engineer of Woodburn, and are now in the hands of the State Engineer for approval. The system will cost about $30,000.

SACRAMENTO, Cal. — The State Highway Commission, Forum Bldg., Sacramento, will receive bids until June 25, 1917, 2 P. M., for the following

Yolo County between Blacks and Hershey (III-Yol-7-C), about 10.8 miles in length, to be paved with Portland cement concrete.

Alameda County, between Altamont and Greenville (IV-Ala-5-A), about 3.7 miles in length, to be paved with Portland cement concrete.

Napa County, between Napa and the easterly county boundary (IV-Nap-8-B), about 8.6 miles in length, to be paved with Portland cement concrete.

Monterey County, between Camphora and Chualar (V-Mon-2-C), about 11 miles in length, to be paved with Portland cement concrete.

Tulare County, between Pixley and Tipton (VI-Tul-4-A & B), about 6.4 miles in length, to be paved with Portland cement concrete.

Tulare County, between Tipton and Tulare (VI-Tul-4-B), about 9.2 miles in length, to be paved with Portland cement conrrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.
(16398)

RICHMOND, Contra Costa Co., Cal.—Bids are being received by City Clerk A. C. Faris up to June 11th, 8 P. M., for the following work:

That a portion of Garrard Boulevard bet. the entension westerly of the southerly line of Ohio avenue and the extension southeasterly of the southwesterly line of Standard avenue, and a portion of Standard avenue between the northwesterly line of Garrard Boulevard and the extension northeasterly of the southeasterly line of Railroad avenue, be graded, paved with 6-inch cement concrete base with a paint coat wearing surface of asphalt and stone screenings.

That portions of the existing gutters be removed, and that a conrrete catch basin be constructed and that the existing wing walls at the culvert at Maine avenue, be reconstructed.

LOS ANGELES, Los Angeles Co., Cal.—Bids will be received by the Board of Public Works up to 10 A. M. of June 11, for improving St. Andrews Place from Temple street to Third street, and portions of First street, Second street, and Third street, by the construction of asphalt pavement, granite block gutters, concrete gutters, and other work. Ord. 36,581.

BERKELEY, Alameda Co,, Cal.—City Clerk A. G. Briggs will receive separate bids up to June 12th, 10 A. M., for the following work:

That portions of Euclid Avenue and Vine street be graded, concrete curbs and gutters 2 feet wide be constructed; storm water inlets with castiron frames and gratings; a vitrified pipe culvert; cast iron concrete culverts with branches and manholes; concrete steps with end walls and posts, be constructed of the sizes, in the manner and at the places indicated on the plans and specifications hereinafter referred to; a concrete sidewalk 5 feet wide, an 18-inch vitrified iron stone pipe sewer, galvanized iron conduot pipe be laid of the sizes, in the manner and at the places indicated on the plans and specifications hereinafter referred to; portions of the roadway be paved with brick pavement laid on a 4-inch concrete base; be macadamized and to be paved with a 2-inch asphaltic wearing surface, laid on a 5-inch concrete base.

That a 6-inch vitrified ironstone pipe sewer be constructed on Dwight Way in the vicinity of Sacramento street; brick manholes 4 feet in diameter be constructed along the line of said sewer.

VISALIA, Tulare Co., Cal.—The following bids were received by the Tulare County Supervisors for the construction of 9.14 miles of county highway from a point west of Visalia to the city limits of Tulare, past Mooney Park:

Shafer Bros., 1614 West Temple St., Los Angeles, $46,265.

Lee Garnsey, 514 Central Bldg., Los Angeles, $63,366.

Rogers Bros., Hibernian Bldg., Los Angeles, $60,583.

The engineer's estimate was $47,613.

Contract Awarded.

SACRAMENTO, Cal. — Purchasing Agent George Vice of Sacramento County has placed an order for 4,100 barrels of cement with Henry Cowell Lime & Cement Co., for $2.10 per barrel. Sacramento County will buy a total of 175,000 barrels of cement and the balance of this order maybe placed with Henry Cowell Lime & Cement Co. if the Purchasing Agent so desires and without the formality of advertising for bids.

SANTA PAULA, Ventura Co., Cal.—The Fairchild-Gilmore-Wilton Company, Pacific Electric Bldg., Los Angeles, was the lowest bidder and was awarded the contract at approximately $53,000 for improving portions of Santa Paula street, Mill street, Tenth and Sixth streets. Edw. Lynch of Glendale, is the engineer. The bid was 1.2c per sq. ft. for grading; 11c and 12.5c paving; 12c sidewalk, and 35c curb. The work will include 58-000 sq. ft. 4-inch concrete base with 1½-inch asphalt wearing surface and 300,000 sq. ft. of 4-inch asphalt concrete pavement.

SANTA BARBARA, Santa Barbara Co., Cal.—The Fairchild-Gilmore- Wilton Company,, Pacific Electric Bldg., Los Angeles, was the lowest bidder and was awarded a contract at $23,421 for improving De la Vina street between Montecito street and Carrillo street. The work will include grading and paving with 4-inch concrete base and 2-inch asphalt wearing surface, and constructing stone and cement curb and gutter, catch basins, lampholes, etc. The other bids received were as follows: E. Schelling, $24,405; L. A. Paving Co., $24,441; O. A. Nichols $25,747, and Municipal Improvement Co., $26,295.

SANTA BARBARA, Santa Barbara Co., Cal.—The Fairchild-Gilmore-Wilton Company, Pacific Electric Bldg., Los Angeles, was awarded a contract at $61,095 for Warrenite paving and constructing cement sidewalk, curb and gutter in Bath street and other streets.

SAN LEANDRO, Alameda Co., Cal. The Johnson Shea Co., Central Bank Bldg., Oakland, have been awarded the contract by the Trustees for the street work on the apex to the plaze. The company bid .9 per sq. ft. for grading; 20½ cents per sq. ft. for bituminous-concrete paving and 90 cents per lineal ft. for combined concrete curbs and gutters.

BELLINGHAM, Wash. The Washington Paving Co., L. C. Smith Bldg., Seattle, has been awarded the contract for concrete paving on twelve miles of the Northeast Diagonal Road near Bellingham on a bid of $192,009 by the Board of County Commissioners. This figure is $15,000 above the County Engineer's estimate.

SACRAMENTO, Cal.—The City Commissioners have awarded contracts for street improvements as follows:

That P street from Second street to Seventh street, be improved, by constructing concrete curb and concrete gutter. Awarded to F. C. Cretser, Sacramento.

NAPA, Napa Co., Cal.—The City Council has awarded a contract to G. Gaggero, Napa, for the construction of sidewalks and curbs on Main street from Pearl to First, he being low bidder at 32½ cents per lineal foot for curbs and 11½ cents per square foot for sidewalks. The only other bidder was the Gildersleeve Construction Co., at 32½ cents for curbs and 12¼ cents for sidewalks.

OAKLAND, Cal.—The City Council has awarded a contract to Bernard Ransome, 1st National Bank Bldg., Oakland, for the following work:

That Maybelle avenue, bet. lines drawn at right angles to the NW line of Maybelle avenue at points distant thereon, respectively, 525 feet and 1,025 feet NE from the NE line of Bayo street, be graded, curbed with redwood, guttered with concrete gutters, three feet wide, paved with oil-macadam, and sidewalked with cement sidewalks, six feet wide; also

That a vitrified pipe sewer having an internal diameter of 8 inches, be constructed along the center line of Maybelle avenue from the NE end of the existing sewer in Maybelle avenue to a point 196 feet NE therefrom; also

That the following structures be built on said proposed sewer, to-wit: a brick manhole and enough "Y" branches, having 5-inch openings, to provide one such branch for each 40 foot lot, and fractional lot remaining, into which the abutting property frontage is capable of being divided.

SUNNYSIDE, Wash.—The City Council has awarded a contract to the Warren Construction Co., of Portland, for paving certain streets with bitulithic pavement at $62,260.

That Fourteenth street from Q street to X street be improved by constructing concrete curb; concrete gutter; 6-inch vitrified ironstone sewer pipe drains; 8-inch vitrified ironstone sewer pipe drains; placing 16 cast iron gutter drains with 6-inch vitrified ironstone sewer pipe elbows attached; constructing 7 concrete manholes complete, and constructing thereon concrete sidewalk; filling in behind the curbs for a distance of 8 feet with earth. Awarded to F. C. Cretser.

That Forty-eighth street in Elmhurst, in the City of Sacramento, be improved from "T" street to "V" street, by excavating a trench and constructing therein 8 and 10-inch vitrified ironstone pipe sewer; 2 concrete manholes complete; placing 2 8-inch vitrifiefid ironstone inlets in concrete manholes, and backfilling the trenches. Awarded to J. W. Terrell, 1111 29th street, Sacramento.

That Forty-third street, be improved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer from Eighth avenue to a point 19 feet N from the S line of Rose Avenue Tract; constructing 1 concrete manhole complete; placing 24 6-inch vitrified ironstone wye branches on 8-inch sewer, and backfilling the trench. Awarded to J. W. Terrell.

STORES AND OFFICES.

SAN FRANCISCO, Cal.

Mr. Davis, General Manager of the White House, states that Architect Morris M. Bruce, Flood Bldg., is preparing plans for alterations to be made by The White House in the Hastings Building, a four-story and basement structure at the northeast corner of Post and Grant avenue just leased for a period of 20 years.

Over $100,000 will be expended by the White House in altering this building for their purposes. Each of the four floors and basement contain approximately 8,000 square feet. Alterations will consist of elevator work, installation of an automatic sprinkler system, which will require tearing out the present ceilings, plastering, electric work, plumbing, interior trim of pine and hardwood, painting and a large amount of fixture work. Some extensive alterations are also planned for the present building occupied by the White House.

Preliminary Plans Prepared.
CONCRETE MERCANTILE BLDG.
COST, $——.
SANTA BARBARA, Santa Barbara Co., Cal.
Three-story reinforced concrete Mercantile Building.
Owner—The Channel Commercial Co., 916 E-First St., Los Angeles.
Architects—John P. Krempel and W. E. Erkes, 415 Henne Bldg., Los Angeles.

The Channel Commercial Company has recently been granted permission by the State to increase its capital stock from $100,000 to $1,000,000.

Plans Being Figured.
ALTER FRAME MARKET Cost, $——
SAN FRANCISCO. Polk & Broadway.
Alter one-story and basement frame market.
Owner—Not Given.
Architect—Foulkes & Hildebrand, Crocker Bldg., San Francisco.

Work includes exterior and interior plaster, store fronts, electric work, plumbing, painting and interior finish.

Plans Being Prepared.
ALTER CLASS "C" STORE FRONTS
COST, $1,000
SACRAMENTO, Cal. No. 717 "K" St.
Alter Class "C" store front.
Owner—Eagleson & Co.
Architect—A. Willoner, 403 21st St
Sacramento.
SPECIFICATIONS
Hardwood Floors; Marble, base
Patent Store Fronts.

Contract Awarded.
FRAME OFFICE, ETC. Cost, $3,38
EUREKA, Humboldt Co., Cal.
Two-story frame office, exhibit an
drafting rooms.
Owner—Rolph Shipbuilding Co., Eu
reka, Cal.
Architect—Not Given.
Contractor—Ambrose N. Foster, 173
5th Street, Eureka, Cal.

Plans Being Figured.
CLASS "A" MERCANTILE BUILDIN
COST, $——
LOS ANGELES. S-Seventh St., bet
Hill and Olive Sts.
Three-story Class "A" reinforced con
crete mercantile building, 92x128.
Owner—Huntsberger-Mennell.
Architects—W. J. Dodd and Wm. Rich
ards, 608 Brockman Bldg., Lo
Angeles.

Sub-figures Being Taken.
REINFORCED CONCRETE LOFTS
COST, $96,000.
SAN FRANCISCO, southeast Harriso
and Second streets.
Four-story and basement reinforce
concrete lofts, 123 by 130 feet.
Owners—Clinton Construction Co.
140 Townsend street, S. F., lease
to Fleishacker Paper Co.
Architect—George Wagner, 251 Kear
ny street, S. F.
Enginer—G. H. Snyder.

Plans Complete and Steel Contrac
Awarded.
CLASS A ALTERATIONS. COST, $65,
000.
SAN FRANCISCO, south Post eas
Grant avenue.
Alter and add two stories to depart
ment store, 100 by 122½ feet.
Owners—Edward Barron Estate Co.
leased to O'Conor & Moffitt.
Architects—Reid Bros., California-
Pacific Bldg., S. F.
Montensen Construction Co., stee
work.

June 2, 191
Plans Being Figured.
STORES AND APARTMENTS
COST, $40,000
HANFORD, Kings Co., Cal.
Three-story brick stores and apart
ments (2 and 3 room apartments
and 3 stores) 75x150.
Owner—A. Rutherford.
Architect—James J. Donnellan, Baco
Bldg., Oakland.

Plans Being Figured.
STORES AND OFFICES Cost, $——
ST. HELENS, Oregon.
Two-story brick and hollow tile (5
stores and 24 offices) 35x100.
Owner—L. R. Rutherford.
Architect—Ernest Kroner, Worceste
Bldg., Portland, Ore.

THEATRES.

Plans Being Figured.
MOTION PICTURE THEATRE.
COST, $75,000
BREMERTON, Wash.
Two-story and basement fireproof Motion Picture Theatre.
Owner—Osran Amusement Co.
Architect—Max Umbrecht, Arcade Bldg., Seattle, Wash.

Plans Being Figured.
CLASS C ALTERATIONS. COST, $25,000.
Alter two-story class C theatre.
Owner—C. J. Heeseman.
Architect—Carl Werner, Phelan Bldg., San Francisco.

SEALED PROPOSALS

NOTICE TO CONTRACTORS.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 25, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefore, to which special reference is made, portions of State highway as follows;

Yolo County, between Blacks and Hershey (III-Yol-7-C) about 10.8 miles in length, to be paved with Portland cement concrete.

Alameda County, between Altamont and Greenville (IV-Ala-5-A), about 3.7 miles in length, to be paved with Portland cement concrete.

Napa County, between Napa and the easterly county boundary (IV-Nap-8-B), about 8.6 miles in length, to be paved with Portland cement concrete.

Monterey County, between Camphora and Chualar (V-Mon-2-C), about 11 miles in length, to be paved with Portland cement concrete.

Tulare County, between Pixley and Tipton (VI-Tul-1-A & B) about 6.4 miles in length to be paved with Portland cement concrete.

Tulare County, between Tipton and Tulare (VI-Tul-4-B), about 9.2 miles in length, to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary,
Dated; May 28, 1917. (*)
(June 2-10-17.)

BIDS WANTED FOR PURCHASE OF SCHOOL.

CLOVIS, Fresno Co., Cal.—Bids will be received by the Board of Trustees of the Clovis School District up to 8 P. M. of June 12, for the purchase of the Clovis grammar school building, a two-story structure, except the brick and furniture, and removing the same from premises. Certified check for 10% required. Lew Howison, L. E. Weldon, and J. A. Riggs are the trustees.

NOTICE TO CONTRACTORS.

OFFICE Constructing Quartermaster, Fort Mason, Cal.—Sealed proposals, in triplicate, for constructing concrete Ward, Letterman General Hospital will be received here until **11 A. M. 14th, June, 1917,** and then opened. Further information on application.
(June 1-2-13)

PROPOSAL FOR CRUDE OIL BURNING APPARATUS.

Bids Close June 13th 10:30 A. M.

For the complete installation of a Crude oil burning apparatus for firing the furnaces in the High School Building.

Location—Madera, Madera Co., Cal.
Owner—Madera Union High School District.
Architect—Not Given.

Certified check of 10%.

Plans may be had from G. M. Shedd, Clerk of the School Board, 130 E-Yosemite Ave., or from Superintendent of Schools, Madera, Cal.

For further particulars address same.

GOVERNMENT BIDS WANTED.

PROPOSALS For Track Spikes, Nails, Rail Frogs, Steel Castings Spring Plates, Driving Springs, Electric Cable and Wire, Hinges, Locks, Door Bolts, Screw Eyes, Cup Hooks, Grommets, Bed Knobs, Battery Zincs, Detonators, Transformers Electric Motors, Fibre Duct, Sea Anchors, Distress Outfits, Fire Extinguishers, Lanterns, Lamp Chimneys, Window Glass, Snatch Blocks, Buckets, Sprinkling Cans, Brooms, Coal Baskets, Tool Handles, Leather, Rubber Gaskets.—Sealed proposals will be received at the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., until 10:30 A. M., June 15, 1917, at which time they will be opened in public, for furnishing the abovementioned articles. Blanks and information relating to this circular (No. 1147) may be obtained from this office or the offices of the Assistant Purchasing Agent, Fort Mason, San Francisco, Cal.; also from the United States Engineer Officers in the principal cities throughout the United States.—EARL I. BROWN, Major, Corps of Engineers, U. S. A., General Purchasing Officer.

BIDS FOR WOODEN SHIPS WANTED

SAN FRANCISCO, Cal.

Plans for wooden ships to be built for the government have been received by the Chamber of Commerce and are now on file in the department of foreign trade.

Plans call for coal burning boilers Hulls are to be 281½ feet long with a beam of 46 feet and a draught of 26 feet. Lump sum bids are being asked.

DEPARTMENT OF THE INTERIOR.

BUREAU OF MINES.

New Publications, List 50, Apr. 1917.

Coal-mine fatalities in the United States, 1916, compiled by A. H. Fay. 1917. 42 pp.

BULLETINS.

Bulletin 119. Analyses of coals purchased by the Government during the fiscal years 1908-1915, by G. S. Pope. 1916. 118 pp.

Bulletin 143. Abstracts of current decisions on mines and mining, reported from May to August, 1916, by J. W. Thompson. 1917. 72 pp.

TECHNICAL PAPERS.

Technical Paper 87. Method of testing natural gas for gasoline content, by G. A. Burrell and G. W. Jones. 1916. 26 pp., 7 figs.

Technical Paper 106. Asphyxiation from blast-furnace gas, by F. H. Willcox. 1916. 69 pp., 8 pls., 11 figs.

Technical Paper, 165. Quarry accidents in the United States during the calendar year 1915, compiled by A. H. Fay. 1917. 77 pp., 1 pl.

Technical Paper 168. Metal-mine accidents in the United States during the calendar year 1915, compiled by A. H. Fay. 1917. 114 pp., 2 figs.

NOTE.—Only a limited supply of these publications is available for free distribution, and applicants are asked to co-operate in insuring an equitable distribution by selecting publications that are of especial interest. Requests for all papers can not be granted. Publications should be ordered by number and title. Applications should be addressed to the Director of the Bureau of Mines, Washington, D. C.

State Improvements Authorized.

SACRAMENTO, Cal.—The expenditure of $11,000 under the direction of the Architectural Division of the State Department of Engineering, for the installation of a sewerage disposal plant at Folsom Prison, has been aproved by the Advisory Board of the Department.

The Board has also approved expenditures of $3.500 for electrical work at San Quentin Prison, $8.000 for additions to the mechanical equipment of the Stockton State Hospital, $1,000 for painting buildings of the Humboldt State Normal School at Arcata, $1,500 for electrical work for the Agnews State Hospital at Agnew and $1,547 for work on cottage 12 at the Whittier State School.

OBEY EIGHT HOUR LAW.

MARYSVILLE, Yuba Co., Cal.—Complaint having been made to the City Council that the Federal Construction Company is working its employes on the street improvement contracts in Marysville nine hours a day, that body instructed the City Clerk to notify the contractors that they must live up to the terms of their agreement, which provides that eight hours shall constitute a day's work.

An extension of sixty days has been granted the company.

CITY BIDS OPENED.

An Unusual Large Number of Bids Received by Board of Public Works for Engine House No. 37.

An exceptionally large number of bids were opened by the San Francisco Board of Public Works for the construction of Engine House No. 37, a one-story and basement brick and hollow tile structure to be erected at the corner of Vermont and 25th streets from plans by Architects Ward & Blohme, Alaska Commercial Bldg. Following is a complete list of the bids opened for the various part of the work:

H. A. Klyce	$18,490
John Spelio	18,990
C. L. Wold Co.	19,488
O. Monson	18,925
F. Carlson (low)	17,840
Wright & Kohn	18,237
John Grace	18,778
E. S. Mulford	19,714
B. O. Wells	18,994
Hayes-Oser Co.	19,927
Anderson & Ringrose	20,920
F. L. Hansen	19,430
O. C. Holt	19,930
W. H. Hennings	18,588
J. H. Johnson	19,997
T. W. McClenahan	18,470

Brick and Hollow Tile Work.

Anderson & Ringrose, Prop. 1, $10,260; Prop. 2, $10,400; Prop. 3, $9,350.

C. L. Wold (1) $10,926; (2) $174; (3) $10,426.

Farrell & Reed (1) $10,300; (2) $10,450; (3) $9,700.

White & Gloor (1) $9,689; (2) $9,789 (3) $8,189.

A. W. Lawson (1) $10,444; (2) $10,600; (3) $9,722.

E. S. Mulford (low) (1) $7,102; (2) $7,206; (3) $6,348.

Hayes-Oser Co. (1) $10,400; (2) $10,537; (3) $9,605.

E. Hogberg (1) $9,695; (2) $9,860; (3) $8,980.

Meeley & Collins (1) $9,978; (2) $10,175; (3) $9,580.

Thos. J. Campbell (1) $9,064; (2) $9,205; (3) $7,690.

T. W. McClenahan (1) $11,915; (2) $12,160; (3) $11,000.

Plumbing Work, Engine House No. 37

	Prop. 1	Prop. 2
J. E. O'Mara	$6,045	$ .....
H. Lawson	5,800	5,840
Wittman-Lyman Co.	void	void
J. M. Lettich (low)	5,747	5,780
Thos. Skelly	6,400	6,437

Electric Work.

F. E. Newberry	$3,600
W. T. Morris	3,610
M. Flattland	3,591
Rex Elec. Co. (low)	3,585

BIDS RECEIVED FOR SACRAMENTO SCHOOL.

Bids for Washington School Again Exceed Amount Available. No Action Taken By Board.

(By Special Wire)

SACRAMENTO, Cal.—Only two bids were opened for the erection of the new two-story and basement reinforced concrete Washington School at Sacramento yesterday afternoon.

H. S. Williams of San Francisco bid $238,216 for erection of the school as a whole and $196,816 for erection with one wing cut.

C. L. Wold & Co., of San Francisco bid $255,000.85 for complete building and $199,172.85 with one wing cut.

The bids of A. L. Peterson and the Mathews Construction Co. were not opened because they were not in proper form, as their bids were on proposed alterations only and not on the buildings as a whole as well.

The Board has not decided whether these will be received or not.

This is the second time bids were opened on this job. The first time bids ran over the appropriation of $200,000.

Williams' second bid is $11,216 higher than former bid of $227,000.

GENERAL CONTRACTORS SUBSCRIBE TO LIBERTY BONDS.

At yesterday's meeting of the Board of Directors of the General Contractors' Association held in their rooms, 110 Jessie street, $12,750 worth of Liberty Bonds were subscribed for.

OBJECT TO LONG WHARF.

Objection was filed with the City council of Oakland recently by the Albers Milling Company against the municipality granting the request of the Southern Pacific Company for an extension of five years time in which to remove Long wharf. When the Southern Pacific was granted a franchise lease on the waterfront of Oakland, according to the Albers protest, one of the conditions accepted by all concerned, including the Albers Company, was that the Long wharf should be removed by the autumn of 1918.

It is understood that the Merchants' Exchange will register objection to any extension of time at a special meeting called next Tuesday evening. The Exchange, at its meeting last Tuesday, indicated that it would oppose the proposal, but wanted more members of the body present to take official action.

OAKLAND MUNICIPAL WAREHOUSE.

Whether Oakland's municipal warehouse at the foot of Clay street shall be rented for $150 a month for June and July in accordance with the recommendation of the Oakland port commission, rests with Mayor John L. Davie. The city council of Oakland recently put it up to the executive.

The contract with the Lawrence Warehouse Company, which has occupied the warehouse for nearly two years at a free rental, expires today. It is understood that the company is willing to pay $300 for the next two months, and until the council, with its two newly-elected members taking their seats July 1, shall establish a new and more definite policy.

"As conditions now exist," recommends the port commission, of which Harrison Robinson is chairman, "the port commission believes it will be advantageous to the city to continue renting this warehouse for ten months after July 31 next at a rental not greatly differing from that above suggested."

DISCUSS ALAMEDA HOSPITAL SITE.

At a meeting of the Alameda County Board of Supervisors recently Supervisor Charles Heyer, chairman of the hospital committee, reaffirmed his intention of introducing a resolution next Monday providing for the building of a new hospital on the old California College site in Oakland. Heyer, together with Supervisors Fred W. Foss and John F. Mullins, promised the Citizens' Hospital Committeee at Hotel Oakland Tuesday evening his vote to secure the more central location of the county institution. There being but five members of the Board, the sponsorship of the three is interpreted to mean success for the project Oaklanders have been working for.

OFFER SITE FOR STATE PRINTING OFFICE.

SACRAMENTO, Cal., May 31, 1917—Supervisors R. E. Callahan and C. E. Mahoney, Commissioner Thomas Coulter and Dan W. Carmichael representing the chamber of commerce, went to the Capitol yesterday afternoon, where they had an audience with Governor William D. Stephens over the proposed site for the state printing office at Eighth and V streets. The city owns this property, but the county and city are willing to jointly donate it to the state for a printing office site, but Governor Stephens is opposed to accepting it on the ground that it is too far from the State Capitol.

The committee thinks the site an ideal location for the state printery, but they could not convince Governor Stephens to look at the matter in the light they viewed it, and the determination of the site is no nearer a solution now than it has been for months past.

SOUTHERN PACIFIC COMPANY BUILDING CARS.

SACRAMENTO, Cal., May 31, 1917—Construction of 5,900 freight cars by the Southern Pacific Company, according to an announcement made by General Manager W. R. Scott, will commence early in August.

The local shops have received orders for 1,000 of the cars, says Superintendent Neff. Work will commence as soon as the material arrives which Neff expects in August. When the 1,000 cars are completed, additional orders are expected. The Los Angeles shops will also work upon the order.

SHASTA PACKING PLANT TO TREBLE CAPACITY.

Cal., May 31, 1917—The Fall River Mills packing house is to be trebled in capacity. The plant already has cost over $20,000 and has afforded a good market for hogs and cattle.

Since the establishment of the packing plant farmers and stockraisers have gone more extensively into the hog business.

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1407	Ferando	Faggioni	450
1408	Wilder	Zinkand	600
1409	Mitchell	Urfer	400
1410	Nelson	Nelson	2500
1411	Tillman	Nelson	9500
1412	Kisco	Kisco	450
1413	Reichel	Schell	400
1414	Cowan	Cowan	1500
1415	Wieland	Wieland	400
1416	Naughton	Naughton	2800
1417	Hampton	Peterson	510
1418	Same	Seghieri	144
1419	Potter	Frasier	1248
1420	City Invst Co	Collman	17355
1421	Meierdierks	Petersen	900
1422	Same	Fick	1387
1423	Cummings	McDonald	2000
1424	Same	Same	2000
1425	Cushing	Cushing	400
1426	Mingault	Mingault	1000
1427	Green	Falvey	4000
1427	City Invst Co	Spence	4875
1428	Same	O'Mara	1650
1429	O'Connor	Inlaid	1642
1430	Anthony	Anthony	600
1431	Thorup	Thorup	2950
1432	Hamill	Hamill	6000
1433	Forest Hill	Leigh	3000
1434	Molloy	McLaughlin	8600
1435	Straub	Wilhelm	7830
1436	Kohn	Kohn	500
1437	Notre Dame	Owner	600
1438	Davis	Lando	500
1439	Pickering	Seghieri	600
1440	Judson	Fink	1000
1441	Donnelly	Georgevitch	650
1442	Federal	Swenson	800
1443	Wilson	Mertes	3230
1444	Ruegg	Ruegg	2750
1445	Williams	McLean	4580
1446	Cooper	Snook	3600
1447	Same	Matthies	17960
1448	Same	Pacific Fire	1250
1459	Same	Fennell	7583
1450	Same	Keefe	2750
1451	Same	Pasquauetti	2550
1452	Ohlandt	Zimmerman	1000
1453	Watkins	Bateman	600
1454	Curtin	Curtin	500
1455	Haviside	Elliott	600
1456	Eggers	Holt	500
1457	Shorten	Hamill	6000
1458	Pacific G & E	Plant	1400

ADDITION
(1407) NO. 428 CHARTER OAK. Raise and add to dwelling.
Owner.....Mrs. Ferando.
Architect .....None.
Contractor....G. Faggioni, 1556 Revere Ave. San Francisco.
COST, $150

ALTERATIONS
(1408) NO. 1777 HAYES. Enlarge room and alter for basement garage
Owner.....A. Wider.
Arcritect .....None.
Contractor Ed. Zinkand & Son. 434 10th Ave., Oakland.
COST, $600

ADDITION
(1409) NO. 813 GROVE. Add sun porch.
Owner.....Geo. Mitchell, Premises.
Architect .....None.
Contractor....Chas. E. Urfer, 555 Pine, San Francisco.
COST, $400

FRAME DWELLING
(1410) NE PORTOLA DRIVE AND 14th Ave. One and one-half-story and basement frame dwelling.
Owner.....Fernadno Nelson & Sons, 2701 Lincoln Way, S. F.
Architect .....None.
Day's work. COST, $2500

FRAME APARTMENTS
(1411) W PALM AVE 298 S Euclid Ave. Carpenter work and electrical work for two-story frame apartment house.
Owner.....Hattie M. Tillman and Henry Tillman, 453 Noe, San Francisco.
Architect .....Arthur J. Laib, 660 Market, San Francisco.
Contractor....Emil Nelson, 430 26th Ave., San Francisco.
Filed May 26, '17. Dated May 25, '17.
Frame up $2375
Roof on and brown coated..... 2375
Completed and accepted..... 2375
Usual 35 days..... 2375
TOTAL COST, $9500
Bond, $4750. Sureties, C. Wingard and Edw. Peterson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1412) NO. 57 Zoe. Extend warehouse.
Owner.....Kisco & Co.
Architect .....None.
Day's work. COST, $4[illegible]

ALTERATIONS
(1413) NO. 627 IRVING. Extend shop building.
Owner.....Jos. Reichel.
Architect .....None.
Contractor....S. Schell, 1367 5th Ave., San Francisco.
COST, $400

ALTERATIONS
(1414) SE IRVING AND 48TH AVE. Move and alter for (4) apartments.
Owner.....M. A. Cowan.
Architect .....August Nordin, Mills Bldg., San Francisco.
Day's work. COST, $1500

ALTERATIONS
(1415) E POLK 30 N Broadway. Alter partitions.
Owner E. J. Wieland, 2374 Vallejo, San Francisco.
Architect Foulkes & Hildebrand, 1106 Crocker Bldg., S. F.
COST, $400

FRAME FLATS
(1416) S OAK 67 W Fillmore. Two-story and basement frame (2) flats.
Owner.....B. Naughton.
Architect .....None.
Day's work. COST, $2800

PAINTING WORK
(1417) SW FREDERICK & DOWNEY W 53-1½xS 106. Painting work on exterior of buildings.
Owner.....Alfred Hampton, 255 Frederick, San Francisco
Architect .....Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor....Martin Peterson, 26 Steiner, S. F.
Filed May 28, '17. Dated May 24, '17.
1st coat of paint on.....$150.00
2nd coat of paint on..... 125.00
Entire work completed..... 107.50
Usual 35 days..... 127.50
TOTAL COST, $510.00
Bond, $300. Surety, Jno. E. Beck and G. T. Petterson. Limit, 15 days. Forfeit, $5. Plans and specifications filed

(1418) TERRAZZO, MARBLE, CONcrete for new front entrance steps on above.
Contractor....A. Seghieri & Bro., 35 Cook, San Francisco.
Filed May 28, '17. Dated May 24, '17.
Completed $108
36 days after..... 36
TOTAL COST, $144
Bond, $100. Sureties, T. Bacigalupi and P. Demartini. Limit, 15 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(1419) NOS. 539-41-43 HAYES. All work for alterations and repairs to stores.
Owner.....J. Sheldon Potter, 15 Cherry, San Francisco.
Architect .....Houghton Sawyer, Shreve Bldg., San Francisco.
Contractor....Frasier & Frasier, 180 Jessie, San Francisco.
Filed May 28, '17. Dated May 23, '17.
Uuon acceptance of work, $936.15 together with 75% of all extras less full amount of all allowance....
36 days after Balance
TOTAL COST, $1248.20
Bond, $624.10. Surety, The Aetna Accident & Liability Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1420) E FREMONT AND MARKET NE 91-8xSE 137-6. Alterations and additions to four-story Class "C" building (Fremont Bldg.)
Owner.....City Investment Co., 1st National Bank Bldg., S. F.
Architect .....J. R. Miller, Lick Bldg., San Francisco.
Contractor....A. D. Collman, 110 Jessie, San Francisco.
Filed May 28, '17. Dated May 26, '17.
On 1st of each month 75% of receipted bills and pay rolls plus 10%

30 days after ...
TOTAL COST of labor and materials plus lot not to exceed $[illegible]
Bond, $8678. Surety, New Amsterdam Casualty Co. Limit 60 days from filing. Forfeit, $20. Plans and specifications filed.

ALTERATIONS
(1421) S HOWARD ST & E Fourth. All work of piping, radiators, valves, pipe covering and carpenter work, etc., for steam heating apparatus for alterations to Niagara Hotel.
Owner.....John Meierdierks.
Architect.....C. H. Skidmore, Call-Post Bldg., S. F.
Contractor....C. Peterson Co.
Filed May 28, '17. Dated May 24, '17.
Completed and accepted $900
TOTAL COST, $900
Bond, Sureties, Forfeit, none. Limit, 20 days from filing. Plans and specifications filed.

(1422) PAINTING, VARNISHING, staining, tinting, etc., on above.
Contractor....Fick Bros., 475 Haight — San Francisco.
Filed May 28, '17. Dated May 25, '17.
Two equal payments as work progresses
Completed and accepted.....$346.75
Usual 35 days 346.75
TOTAL COST, $1387
Bond Sureties, Forfeit, none. Limit, rapidly as posible. Plans and specifications filed.

FRAME RESIDENCE
(1423) W TWENTY-THIRD AVE 50 S Geary. Two-story and basement frame residence.
Owner.....Truman C. Cummings, 1002 Treat Ave., S. F.
Architect .....None.
Contractor....Patrick M. McDonald, 1049 Treat Ave., S. F.
COST, $2000

FRAME RESIDENCE
(1424) W TWENTY-THIRD AVE 75 S Geary. Two-story and basement frame residence.
Owner.....Truman C. Cummings, 1002 Treat Ave., S. F.
Architect .....None.
Contractor....Patrick M. McDonald, 1049 Treat Ave., S. F.
COST, $2000

FRAME DWELLING
(1425) NO. 1464 WASHINGTON. One story and basement frame dwelling.
Owner.....A. Cushing, 1015 Van Ness Ave., San Francisco.
Architect .....None.
Day's work. COST, $400

FRAME DWELLING
(1426) W CERES 100 S Thornton. One-story and basement frame dwlg.
Owner.....O. Mingault, 30 Ceres, San Francisco.
Architect .....None.
Day's work. COST, $1000

FRAME FLATS
(1427) W TWENTIETH AVE 131 N California. Two-story and basement frame (2) flats.
Owner.....Annie Green, 124 Clayton, San Francisco.
Designer .....A. J. Falvey, 124 Clayton, San Francisco.
Contractor....A. J. Falvey, 124 Clayton, San Francisco.
COST, $4000

ELEVATOR WORK
(1427) E FREMONT AND MARKET NE 91-8xSE 137-6. All work for installing 1 new passenger elevator and resetting two existing freight elevators for alterations and additions in four-story Class "C" bldg.
Owner.....City Investment Co., 1st National Bank Bldg. S. F.
Architect .....J. R. Miller, Lick Bldg., San Francisco.
Contractor....Spencer Elevator Co., 128 Beale, San Francisco.
Filed May 29, '17 Dated May 28, '17.
On 1st of each month..... 75%
30 days after..... 25%
TOTAL COST, $4875
Bond, $2437.50. Surety, Maryland Casualty Co. Limit, as directed. Forfeit, $20. Plans and specifications filed

(1428) HEATING PLANT ON ABOVE
Contractor....J. E. O'Mara, 445 Minna, San Francisco.
Filed May 29, '17. Dated May 28, '17.
Payments same as above.....
TOTAL COST, $1650
Bond, $825. Surety, Fidelity & Deposit Co. of Maryland. Limit, 20 days. Forfeit, $20 Plans and specifications filed.

APARTMENTS
(1429) NE BRODERICK AND PINE N 137-6 E 110 S 27-6 W 55 S 110 W 55. All work for hardwood floors for

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

three-story and basement apartment building.
Owner.....R. O'Connor, Ross, Cal.
Supt.....J. C. Bateman, Balboa Bldg., San Francisco.
Contractor....Inlaid Floor Co., 600 Alabama, San Francisco.
Filed May 29, '17. Dated May 28, '17.
90% of hardwood floors completed $800
Completed and accepted..... 431
Usual 35 days..... 411
TOTAL COST, $1642
Bond, none. Limit, 20 days after notification. Forfeit, $20. Plans and specifications filed.

ALTERATIONS
(1430) NE BUSH AND VAN NESS Ave. Install lockers and other alterations.
Owner.....Earle C. Anthony, Inc., Premises.
Architect .....None.
Day's work. COST, $600

FRAME DWELLING
(1431) S BALBOA 90 E 26th Ave. One-story and basement frame dwlg.
Owner.....J. H. Thorup, 279 26th Ave., San Francisco.
Architect .....None.
Day's work. COST, $2950

FRAME FLATS
(1432) NW ANZA AND 21ST AVE. Two-story and basement frame (4) flats.
Owner.....Thos. Hamill, 4109 Balboa, San Francisco.
Architect .....None.
Day's work. COST, $6000

FRAME RESIDENCE
(1433) NW MERCED AVE 50 SE Pacheco. One-story and basement frame residence.
Owner.....Forest Hill Realty Co., Balboa Bldg., S. F.
Architect.....Heiman & Schwartz, 212 Stockton, San Francisco.
Contractor....Leigh & Schultz, 739 34th Ave., San Francisco.
COST, $3000

BRICK WAREHOUSE
(1434) SW EIGHTH & STEVENSON. One-story brick warehouse.
Owner.....Mary E. Molloy, 724 Fillmore, San Francisco.
Architect .....J. A. Porporato, 619 Washington, S. F.
Contractor... J. L. McLaughlin , 244 Kearny, San Francisco.
COST, $8,600

ALTERATIONS
(1435) INT. SW OCEAN AND W MIRamar Ave S 100-8½ W 25-6 N 107-3½ SE 26-4½. All work except painting, grates, hardware, shades and light fixtures for alterations and additions to one-story frame into two-story and basement flats and stores.
Owner.....Louise A. and F. J. Straub 101 De Montford Ave., San Francisco.
Architect .....August Nordin, Mills Bldg., San Francisco.
Contractor....A. H. Wilhelm, 180 Jessie, San Francisco.
Filed May 31, 17. Dated May 28, '17.
Foundation built, house drains laid, old building in position and frame of addition erected.....$1800
Roof and decks completed, 2nd story joists on, partitions on 2nd floor in, 2nd coat plaster on exterior and store fronts finished and glazed 1286
Exterior and interior plaster finished and standing finish on 1286
Completed and accepted..... 1286
Usual 35 days 1958
TOTAL COST, $7830
Bond, $3915. Surety Maryland Casualty Co. Limit, 78 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(1436) NO. 1891 EDDY. New front and concrete floor.
Owner.....C. F. Kohn, Premises.
Architect .....None.
Day's work. COST, $500

ALTERATIONS
(1437) E DOLORES 100 S 16th. Erect chimney and partitions.
Owner.....Sisters of Notre Dame, Premises.
Architect .....None.
Day's work. COST, $600

ALTERATIONS
(1438) NO. 567 FULTON. Alter into (2) flats.
Owner.....D. Davis, 1565 Scott, Apt. 2, San Francisco.
Architect .....None.
Contractor....M. Lando, 1478C California, San Francisco.
COST, $500

CONCRETE GARAG5
(1439) S WASHINGTON 68-9 E Walnut. One-story concrete garage.
Owner.....Mrs. R. Pickering, 1909 Clay, San Francisco.
Architect .....None.
Contractor....D. Seghieri & Bros., Inc., 35 Cook, San Francisco.
COST, $600

ALTERATIONS
(1440) NO. 543 MARKET. Minor alterations for express office.
Owner.....Chas. C. Judson Co., Prem
Architect .....None.
Contractor....Fink & Schindler Co., 228 13th, San Francisco.
COST, $1000

ADDITION
(1441) NO. 7239 GEARY. Add sun room to dwelling.
Owner.....Bernard Donnelly, Prem.
Architect .....None.
Contractor....Milan Georgevitch, 2512 Clement, San Francisco.
COST, $650

ALTERATIONS
(1442) NO. 33 NEW MONTGOMERY. Alter for banking quarters.
Owner.....Federal Reserve Bank, 25 New Montgomery, S. F.
Architect .....None.
Contractor....Swenson & Franzen, 145 Natoma, San Francisco.
COST, $850

ALTERATIONS
(1443) N ANZA 32-6 W 17th Ave 25x 100. Carpenter, plaster, cement, painting, plumbing, tinning, grading, moving, etc., for altering cottage into (2) flats.
Owner .....Frank L. Wilson, 1005 Anza, San Francisco.
Designer .....B. Feerick.
Contractor....Wm. A. Mertes, 3234½ 15th Ave., San Francisco.
Filed June 1, 17. Dated May 29, '17.
Grading done, house moved and frame up $800
Brown coated and plumbing roughed in 810
Completed and accepted 810
Usual 35 days 810
TOTAL COST, $3230
Bond, $1615. Surety, Mary A. Mertes and H. Van Herick. Limit, 80 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1444) W TWENTY-FOURTH AVE 115-4 N Balboa N 25xW 120. All work for one-story and basement frame residence.
Owner.....Leo J. Ruegg, 319 Precita Ave., San Francisco.
Architect .....None.
Contractor....Ruegg Bros., Pacific Bldg San Francisco.
Filed June 1, '17. Dated May 16, '17.
Frame up $687.50
Brown coated 687.50
Completed 687.50
Usual 35 days..... 687.50
TOTAL COST, $2750.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1445) NO. 22 CHATTANOOGA W side 26 frontage. All work for one-story and basement frame residence.
Owner.....A. M. Williams, 120 Fair Oaks, S. F.
Architect .....Wm. Ernest Spink, 776 Bush, San Francisco.
Contractor....Neil A. McLean Co., Chronicle Bldg., S. F.
Filed June 1, '17. Dated May 2, '17.
Fortnightly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4580
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.
First report No. 1343.

BRICK RESIDENCE
(1446) N PACIFIC AVE 68-9 E Steiner E 34-4½xN 137-6. Plumbing for two-story basement, and attic brick residence.
Owner.....George D. Cooper, Bankers' Investment Bldg., S.F.
Architect .....Frederick H. Meyer, 437 Bankers' Investment Bldg San Francisco.
Contractor....Frederick W. Snook, 596 Clay, S. F.
Filed June 1, '17. Dated May 31, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3600
Bond, $1800. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1447) GLASS & GLAZING, SHEET metal work, roof covering, rough and finish carpentry, ornamental iron, lathing and plastering on above.
Contractor....H. C. Matthies, 180 Jessie, San Francisco.
Filed June 1, '17. Dated May 31, '17.
Payments same as above.....
TOTAL COST, $17,960
Bond, $8980. Surety, Hartford Accident & Indemnity Co. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

(1448) ELECTRICAL WORK ON above.
Contractor Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco
Filed June 1, '17. Dated May 31, '17. Payments same as above
TOTAL COST, $1250
Bond, $625. Sureties, W. S. and Burt L. Davis. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1449) STRUCTURAL STEEL AND cast iron work and brick work on above.
Contractor....James S. Fennell, 180 Jessie, San Francisco.
Filed June 1, '17. Dated May 31, '17 Payments same as above.....
TOTAL COST, $7583
Bond, $3791.50. Sureties, R. A. Chisholm and D. J. Sullivan. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(1450) PAINTING ON ABOVE.
Contractor....J. H. Keefe Co., 1442 Bush San Francisco.
Filed June 1, '17. Dated May 31, 17. Payments same as above.....
TOTAL COST, $2750
Bond, $1375. Surety, Hartford Accident & Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1451) EXCAVATING & CONCRETE work on above.
Contractor....Joseph Pasqualetti (as American Concrete Co.), 785 Market, San Francisco
Filed June 1, '17. Dated May 31, '17. Payments same as above.....
TOTAL COST, $2550
Bond, $1275. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

CONCRETE BULKHEAD
(1452) W STEINER 120 N Fell. Concrete bulkhead, etc.
Owner.....Mrs. Ohlandt, Premises.
Architect .....None.
Contractor....L. M. Zimmerman, 180 Jessie, San Francisco.
COST, $1000

ADDITION
(1453) NO. 1543 FORTY-SEVENTH Ave. Add to dwelling.
Owner.....J. O. Watkins, Premises.
Architect .....None.
Contractor....C. E. Bateman, 1321 45th Ave., San Francisco.
COST, $600

FRAME STORE
(1454) NO. 4034 TWENTY-FOURTH. One-story frame store.
Owner.....D. J. Curtin, 4040 24th, San Francisco.
Architect .....None.
Day's work. COST, $500

ALTERATIONS
(1455) NO. 2446 JACKSON. Alter residence.
Owner..... J. J. Hayside Jr 21 Steuart, S. F.
Architect .....None.
Contractor E. W. Elliott, 180 Jessie, San Francisco.
COST, $600

ALTERATIONS
(1456) NO. 299 DIVISADERO. New front.
Owner.....C. Eggers, Premises.
Architect .....C. O. Clausen, Hearst Bldg., San Francisco.
Contractor....O. K. Holt, 3877 26th, San Francisco.
COST, $500

FRAME RESIDENCE
(1457) W THIRTY-FIFTH AVE 156 S Balboa. Two-story and basement frame residence.
Owner.....Mrs. C. Shorten, 1865 O'Farrell, San Francisco.
Architect .....None.
Contractor....Thos. Hamill, 4109 Balboa, San Francisco.
COST, $6000

PIPE COVERING
(1458) BLK BDED BY HUMBOLDT, 23rd (Nevada) Georgia and Louisiana. Pipe covering for Sterling boilers at Station "A."
Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.
Architect .....None.
Contractor....Plant Rubber & Supply Co., 32 Beale, S. F.
Filed June 2, '17. Dated May 31, '17.
Upon completion 75%
Usual 35 days..... 25%
TOTAL COST, $1400
Bond, $700. Surety, Fidelity & Deposit Co. of Maryland. Limit, 8 working days. Forfeit, none. Plans and specifications filed.

LEASE.

San Francisco County.

June 1, 1917—NO. 4037 TWENTY-fourth S line bet. Noe and Castro. Henrietta Scheper to Walter A Dold 2 years. $840 with option to renew.
May 28, 1917—S GOLDEN GATE AVE 77-6 E Steiner E 50xS 137-6. Annie Shea to J. L. Seiter, Jno. Barletta as J. L. Seiter and Jno Barletta (a copartnership.
May 29, 1917—E VALENCIA 105 S 18th S 30x E 80. James Ambrose, Tr Ambrose Estate to Henry Karp. 1 year. $360.

MAY BUILDING TOTALS.

The following report has been issued by the Department of Building Inspection of the Board of Public Works, showing the activity of building operations throughout the city for the month of May, 1917.

Class	No. of Bldgs.	Cost
"A"	3	$ 314,000
"C"	23	538,400
Frames	89	398,131
Alterations	328	107,390
Public Bldgs.	1	24,000
Harbor Bldgs.	1	7,464
U. S. Gov. Bldgs	200	1,500 000
Total	645	$2,889,585

The totals, as shown by the Building Permit Records for the month of May, 1916, were 590 issued at an estimated expenditure of $1,629,527.

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
May 26, 1917— E VAN NESS AVE 90 N Turk N 66-6xE 100. Sarah M McGee, Jerome C and Ignatius W Skelly to whom it may concern.....May 24, 1917
May 28, 1917—LOT 14 BLK 2 Fairs Sub, Holly Park Tract. Thos. McCormick and Jos Kyle to whom it may concern.....May 28, 1917
May 28, 1917—E FIFTH AVE 453 N Lake E 120xN 35. Nathan Delbanco to Frank J. Klimm.....May 26, 1917
May 28, 1917—SW HOWARD and Fremont SW 45-10x SE 132-6. H. N Cook Belting Co to Barrett & Hilp.....May 22, 1917
May 28, 1917—S ARMY 125 W Bryant W 50x80. Lawrence Costello and Michael McDonough to whom it may concern....May 26, 1917
May 28, 1917—NE SIXTH and Minna James E., J. T., Mary F., Margaret, Frank A., and V. P. McDevitt to Brandon and Lawson....May 10, 1917
May 28, 1917—E LA PLAYA (49th Ave or Great Highway) 62-6⅛ N Moraga (M) E 116-1¼ more or less N 50 W 118-7½ more or less to E La Playa 50-0¾ more or less. Amelia Woodward to F. Crothers.....May 25, 1917
May 28, 1917—NW SIXTEENTH Ave and California 32-6x100. A. A. Bulotti to Gus E. Thunberg.....May 5, 1917
May 28, 1917—LOTS 3 AND 5 BLK 3189 Westwood Park. Wm. and Francis Smith to Smith Bros.....May 15, 1917
May 28, 1917—NE SANCHEZ and 16th —30 E 95 S 30 —95. Annie Casey to Geo. D. Gilmour.....May 22, 1917
May 29, 1917—S DAY 180 W Sanchez W 25xS 114. Jos E Paris to whom it may concern.....May 29, 1917
May 29, 1917—W TWENTY-FIRST Ave 150 N Clement 50x120. O E Anderson to whom it may concern.....May 29, 1917
May 31, 1917—NW SEA CLIFF AND 27th Aves which pt is N 6 deg 28 min W 6.66 from stone monument N W 27th Ave situate at W end of Sea Cliff Ave th N 3 deg 23 min W 175.64 to tide water of Pacific Ocean th following tide water S 59 deg. 45 min. E 30.48 N 69 deg 45 min E 40.55 th leaving tide water S 3 deg 23 min E 167.06 S 83 deg 32 min W 64.29 to beg being Lot 76 and lands adjacent on W Map Sub 1, Sea Cliff. Mary E Doble to Vincent J Donovan....May 24, 1917
May 31, 1917—W NINETEENTH AV 200 N Clement N 25xW 120. John V Campbell to whom it may concern.....May 29, 1917
May 31, 1917—S MARKET & SECond SW 45xSE 91-6 Savings Union Bank & Trust Co to George S MacGruer and Robt M Simpson (as MacGruer & Simpson)..May 31, 1917
June 1, 1917—SE MISSION 140 NE Seventh NE 45xSE 85. Somers & Co to C O Smith.....May 19, 1917
June 1, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to Brode Iron Works.....May 31, 1917

June 1, 1917 N JACKSON 72-1 W Franklin W 60xN 127-8½. Meyer Wood to Brode Iron Works, Inc. ..... May 31, 1917

June 1, 1917—S KING bet. 4th and 5th 577x69 m or l; N Berry bet. 5th and 6th 850-6x87 m or l; N Berry bet. 4th and 5th 522x84 m or l. Southern Pacific Co to whom it may concern ..... May 24, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

May 26, 1917—W TWENTY-FIFTH Ave 100 S California S 25xW 120. P Fuller & Co vs Henry A Lehfelt and J W Wright & Sons Invst Co $65

May 26, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Marshall & Stearns Co vs Robert McLelland $68

May 28, 1917—SW FILBERT and Leavenworth W 68-6xS 27-7. V. Filippis vs. John K. Plincz..... $3,325

May 29, 1917—E SEVILLE and Cordova S 18 deg 49 min E 37-6 N 71 deg 11 min E 94.79 N 26 deg 36 min 31 sec W 43.95 to SE Seville SW 89.11 lot 33 and N ½ lot 26 Crocker Amazon Tract. Inlaid Floor Co vs. J. F. Haner W. and D. O'Connell $40

May 31, 1917—E TWELFTH AVE 200 N Cabrillo (C) N 50xE 120. Dieckmann Hardwood Co vs Robt McClelland $175.11

May 31, 1917—W TWENTY-FIFTH Ave 100 S California S 25xW 120. Robert H Smith vs Henry A Lehfeldt $413

May 31, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. J B Damond vs Robert McLelland and wife $115

June 1, 1917—NW LEAVENWORTH and O'Farrell W 80xN 25-9. Otis Elevator Co vs F C Keck, P F Reilly, Chas E Reinhart, E C Gaspard & Co and E C Gaspard..... $577.50

June 1, 1917—NW O'FARRELL AND Leavenworth N 25-9xW 80. Petersen-James Co vs F C Keck.... $1509.85

June 1, 1917—NE EDDY AND WEBster N 137-6xE 412-6. G W Courtney vs Wm B, Mary E, Jacob C, Sarah K and Mildred P Ketler, Walter R Huff, Geo A Burch, R & Daniel McColgan, Reginald Bell and Eustace Bell and Mary E P Ketler Sheerin $1047.90

No. Owner Contractor Amt. Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
1062	Henderson	Strang	5000
1063	Dalton	Lydiksen	600
1064	Young	Waker	500
1065	Berg	Berg	500
1066	Cormack	Cormack	2500
1067	Crowley	Sorenson	17146
1068	Audiffred Est.	Nelson	10299
1069	Jorgensen	Mortensen	5135
1071	Higgins	Litton	500
1072	Odsen	Urch	4250
1073	Atkinson	Irish	1800
1074	Casonova	Theis	1600
1075	Johnson	Johnson	400
1076	Drake	Beckett	450
1077	Ziegler	Helstrom	560
1078	Chevrolet	Walker	20000
1088	Dexter	Hjul	17000
1091	Myers	Hyde	2400
1092	Prizer	Bingaman	1000
1093	Dalton	Dalton	550
1094	Fitzgerald	Corbett	550
1095	Neary	Neary	2500
1096	Urton	Urton	1500

FRAME DWELLING
(1062) W MOUNTAIN AVE near Dormidera, Piedmont. Two-story frame dwelling.
Owner.....Mrs. Minnie E. Henderson
Architect .....None.
Contractor....F. N. Strang, 895 Pacific Ave., Alameda.
COST, $5000

ADDITION
(1063) NO. 4277 HOWE, Oakland. Addition.
Owner.....Mrs. N. L. Dalton, Prem.
Architect .....None.
Contractor....G. H. Lydiksen, 1244 29th Ave., Oakland.
COST, $600

REPAIRS
(1064) NO. 519 FOURTH, Oakland. Fire repairs.
Owner.....R. S. Young, Premises.
Architect.....None.
Contractor....S. E. Waker, 2226 E-27th, Oakland.
COST, $500

REPAIRS
(1065) NO. 4926 VIRGINIA AVE., Oakland. Fire repairs.
Owner.....A. E. Berg, 2065 Broadway, Oakland.
Architect .....None.
Day's work. COST, $500

DWELLING
(1066) S FORTY-THIRD 82 E Shafter Ave., Oakland. One-story 5-room dwelling.
Owner.....R. Cormack, 728 39th, Oakland.
Architect .....None.
Day's work. COST, $2500

APARTMENTS
(1067) E ALICE ST 150 N 13th St N 50xE 109, Oakland. All work for three-story frame apartments and stores except plumbing, painting, wall beds, shades, electric wiring, finish hardware.
Owner.....Alma A. Crowley, 1328 Alice St., Oakland.
Architect.....Chester H. Miller, First Savings Bank Bldg., Oakland.
Contractor....Walter Sorenson, 3219 Ellis, Berkeley.
Filed May 28, '17. Dated May 20, '17.
Frame up $4286
Brown coated 4287
Completed and accepted 4286
Usual 35 days 4287
TOTAL COST, $17,146
Bond, Sureties, none. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

GARAGE
(1068) SE FOURTH and Jefferson E 150xS 100, Oakland. All work for one-story reinforced concrete garage.
Owner .....Audiffred Estate Co
Architect.....None.
Contractor A. D. Nelson and Chas. Forsyth, 565 16th street, Oakland.
Filed May 28, '17. Dated May 16, '17.
Concrete forms in place..... $1500
Concrete forms poured 1500
Roof sheathed 1500
Exterior plastered 1000
Concrete floor completed..... 1000
Completed and accepted 1224
Usual 35 days 2575
TOTAL COST, $10,299
Bond, $5150. Sureties, Mary E. Nelson and Geo. A. Stamnejohann. Limit, 45 days from May 24. Forfeit, $20. Plans and specifications filed.
Note: First report No. 994.

DWELLING
(1069) S EAST AVE ¾ mile from Livermone, nr Livermore. All work for one-story frame dwelling and garage and barn.
Owner.....J. P. Jorgensen, Livermore.
Architect.....Francis W. Reid, Concord.
Contractor....William Mortensen and Frank Lamanno, Livermore.
Filed May 28, '17. Dated May 26, '17.
Foundation in $770.45
Frame up 770.00
Plastered 770 00
Ready for paint 770.00
Completed and accepted 770.00
Usual 35 days 1285.00
TOTAL COST, $5135.
Bond, Sureties, Forfeit, none. Limit, 100 days. Plans and specifications filed.

ADDITION
(1071) NO. 2304 TWENTY-SIXTH Ave., Oakland. Addition.
Owner.....D. M. Higgins, Premises.
Architect .....None.
Contractor....R. B. Litton, 2326 26th Ave., Oakland.
COST, $500

DWELLING
(1072) E PARK BLVD. 122 S E-38th, Oakland. Two-story 6-room dwelling
Owner.....Oscar Olsen, Alma Hotel, Oakland.
Architect .....None.
Contractor....E. C. Urch, 2257 High, Oakland.
COST, $4250

DWELLING
(1073) E RANDOLPH AVE 95 N E-38th, Oakland. One and one-half-story 6-room dwelling.
Owner.....G. W. Atkinson, 2nd and Webster, Oakland.
Architect .....None.
Contractor....N. I. Irish, 373 24th, Okd.
COST, $1800

DWELLING
(1074) W VAN ALSTINE 135 N Beck, Oakland. One-story 5-room dwlg.
Owner.....G. Casonova, Crockett.
Architect .....None.
Contractor....C. L. Theis, 243 Chanslor Ave., Richmond.
COST, $1600

ALTERATIONS
(1075) NO. 2725 MYRTLE, Oakland. Alterations.
Owner.....J. A. Johnson, Premises.
Architect .....None.
Day's work. COST, $400

ADDITION
(1076) NO. 3021 TELEGRAPH AVE., Oakland Addition.
Owner.....Mrs. Drake, 3536 Telegraph Ave., Oakland.
Architect .....None.
Contractor....A. T. Beckett, 3522 Telegraph Ave., Oakland.
COST, $150

ADDITION
(1077) NO. 937 THIRTY-FIFTH, Oakland. Addition.
Owner.....Theo. Ziegler, Premises.
Architect .....None.
Contractor....Chas. Helstrom, 493 36th, Oakland.
COST, $560

BRICK FACTORY
(1078) SIXTY-NINTH AVE & FOOTHILL Blvd., Oakland. One-story brick and concrete axle factory.
Owner.....Chevrolet Motor Car Co., Premises.
Architect .....Hiram K Lovell, Cr Contractor.
Contractor....P. J. Walker Co., Monadnock Bldg., San Francisco
COST, $20,000

(1088) SE TENTH AND HARRISON, Oakland. One-story brick stores.
Owner.....Meriaim Dexter et al.
Architect .....None.
Contractor....James H. Hjul, Cr. John S. Martin, Syndicate Bldg., Oakland.
COST, $17,000

(1091) ESTRELLA AVE LOTS 9 & 10, Piedmont. One-story frame dwlg.
Owner.....R. M. Myers, 1380 E-28th, Oakland.
Architert .....None.
Contractor....L. F. Hyde, 2745 26th Ave. Oakland.
COST, $2100

ALTERATIONS
(1092) E MADISON 50 S Washington Albany. Alterations.
Owner.....Mrs. Jennie Prizer.
Arch'tect .....None.
Contractor....Cushing & Bingaman, Albany.
COST, $1000

ADDITION
(1093) N SIXTY-FIRST 50 E Dover, Oakland. Addition and repairs.
Owner.....S. E. Dalton, 1257 46th, Oakland.
Architect .....None.
Day's work. COST, $550

ALTERATIONS
(1094) NO. 423 TENTH, Oakland. Alterations.
Owner.....Robt. Fitzgerald, Oakland Bank of Savings Bldg., Oakland.
Architect .....None.
Contractor....Corbett & Bayliss, 1110 Franklin, Oakland.
COST, $550

FRAME DWELLING
(1095) W GRAND AVE 155 N Oakland Ave., Piedmont. One-story frame dwelling and sleeping porch.
Owner.....W. F. Neary, 1701 Telegraph Ave., Oakland.
Architect .....None.
Day's work. COST, $2500

DWELLING
(1096) S BECK 50 E Parker Ave., Oakland. One-story 6-room dwelling and stores.
Owner.....Mrs. S. L. Urton, Beck & Parker Ave., Oakland.
Architect .....None.
Contractor....S. L. Urton, Beck and Parker Ave., Oakland.
COST, $1500

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
1061	Alexander	Clark	3882
1070	McDuffie	Mason	1500
1087	Hutsem	Farris	965
1090	Gillespie	Hansson	5912
1097	Sanderson	Gilbert	4000
1098	Same	Same	600

ASPHALT WORK
(1061) DOMINGO AVE & TUNNEL Road, Berkeley. Asphalt work for tennis courts for Berkeley Tennis Club.
Owner.....Wallace M. Alexander & J. C. Rohlfs, Trustees.
Constr. Manager .....Frederick Whitton 805 Charleston Bldg., San Francisco.
Contractor....Clark & Henery Constr. Co., 1st Savings Bank Bldg., Oakland.
Filed May 25, '17. Dated May 8, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $3882
Bond, $1941 Surety, Fidelity & Deposit Co. Limit, 20 days after June 15. Forfeit, $10. Plans and specifications filed.

ADDITION
(1070) NO. 156 TUNNEL ROAD, Berkeley. One-story addition of dwelling to garage.
Owner.....Duncan McDuffie, Prem.
Architect .....None.
Contractor....Mason-McDuffie Co., Shattuck & Addison, Bkly.
COST, $1500

(1087)N HEARST AVE 300 E California, Berkeley. One-story 4-room dwelling.
Owner.....O. H. Hutsen, S. F.
Architect .....None.
Contractor....J. M. Farris & Sons, 495 6th, Oakland.
COST, $965

(1090) LOT 39 BLK 2, Berkeley Square, Berkeley. All work for two-story and basement nine room frame dwelling.
Owner.....C. G. Gillespie, 1930 El Dorado Ave., Berkeley.
Architect.....John Hudson Thomas First National Bank Bldg., Berkeley.
Contractor Louis O. Hansson, 1128 The Alameda, Berkeley.
Filed June 1, '17. Dated May 29, '17.
Foundation in .....$ 500
Frame up 978
Brown coated 1478
Accepted 1478
Usual 35 days 1478
TOTAL COST, $5912
Bond, Sureties, none. Limit, last of August. Forfeit $1. Plans and specifications filed.

DWELLING
(1097) E PINE AVE 85 S Russell, Berkeley. One-story 7-room dwlg.
Owner.....A. A. Sanderson.
Architect .....None.
Contractor....W. S. Gilbert, 1756 Vine, Berkeley.
COST, $4000

GARAGE
(1098) E PINE AVE 85 S Russell, Berkeley. Garage.
Owner.....A. A. Sanderson.
Architect .....None.
Contractor....W. S. Gilbert, 1756 Vine, Berkeley.
COST, $600

Building Contracts Awarded.

Alameda

1079	Alameda Pk	Spence	1400
1080	Noble	Noble	2000
1081	Same	Same	1700
1082	Same	Same	1000
1083	Same	Same	1000
1084	Same	Same	1200
1085	Same	Same	2000
1086	Masters	Powell	6000
1099	Reinecker	Kopf	2000

DWELLING
(1079) NEPTUNE BEACH, Alameda. One-story 4-room dwelling.
Owner.....Alameda Park Co., Prem.
Architect .....E. J. Symmes, Pacific Bldg., San Francisco.
Contractor....A. T. Spence, 641 Taylor Ave., Alameda.
COST, $1400

DWELLING
(1080) NO. 2701 SAN JOSE AVE., Alameda. One-story 6-room dwlg.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $2000

DWELLING
(1081) NO. 2713 SAN JOSE AVE., Alameda. One-story 4-room dwlg.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $1700

GARAGE
(1082) NO. 2207 PACIFIC AVE., Alameda. Garage.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $1000

DWELLING
(1083) NO. 2611 ST. MARGARET Court, Alameda. One-story 3-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Days work. COST, $1000

DWELLING
(1084) NO. 2606 ST. MARGARET Court, Alameda. One-story 4-room dwelling.
Owner.....G. H. Noble, 2205 Santa Clara Ave., Alameda.
Arrhitect .....None.
Day's work. COST, $1200

DWELLING
(1085) NO. 1542 BROADWAY, Alameda. One-story 5-room dwelling.
Owner..... G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect .....None.
Day's work. COST, $2000

SWIMMING TANK
(1086) NO. 456 CENTRAL AVE., Alameda. Swimming tank.
Owner.....Geo. H. Masters, Prem.
Architect .....None.
Contractor....Powell Bros. Constr. Co., 2708 Harrison Ave., Ala. COST, $6000

DWELLING
(1099) S EAGLE AVE 310-11½ E Everett S 110-5 E 33-8 NE 131-3 W 103-1, Alameda. All work for one-story 5-room dwelling.
Owner.....Charles Rienecker, 2518 Eagle Ave., Alameda.
Architect .....None.
Contractor....B. F. Kopf, 1015 82nd Ave., Oakland.
Filed June 2, '17. Dated June 1, 17.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $2000
Bond, none. Limit, 70 days from May 21. Forfeit, $10. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

Alameda County.

June 1, 1917—NO. 590 TWELFTH, (Upper Floor) Okd. F V Du Brutz as.. to improvements.. on.. leased property .....

NOTICE OF NON-RESPONSIBILITY.

Alameda County

May 26, 1917—NO. 410 TWENTY-eighth, Oakland. H S Maxon by W H Maxon as to improvements on leased property .....

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
May 25, 1917—LOTS 49 AND 50 BLK 13 Amended Map Sunset Terrace, Albany. James Clark to whom it may concern.....
May 25, 1917—LOT 56 BLK F Map Lakewood Park, Oakland. E. L. Higgins to whom it may concern .....May 25, 1917
May 25, 1917—PTN LOT 11 BLK 2 Map Villa Lots, adjoining University on the south, Berkeley. Mrs. M. J .Silvershield to C. H. Warren .....May 25, 1917
May 25, 1917—SE WOODRUFF AVE and Miami Court, Oakland. Mabel Woodard to E. M. Woodard..... .....May 25, 1917
May 25, 1917—LOT 12, Map Redwood Glen Tract, Oakland. A. M. Werum by A. F. Werum to whom it may concern.....May 25, 1917
May 28, 1917—RONADA AVE, Piedmont. Robert Dunn to S. J. Bertelsen ..... May 7, 1917
May 28, 1917—NE DAMUTH ST and Fruitvale Ave E 125xN 50, Oakland. Henry Brandeman to M. C. Vaughn.....May 28, 1917
May 29, 1917—LOT 37, SNYDER'S Piedmont Terrace by the Lake, Oakland. Jos. F. Rogers to whom it may concern.....May 25, 1917
May 29, 1917—LOT 35, PERALTA Terrace, Oakland. Andrew Anderson to whom it may concern..... .....May 26, 1917
May 31, 1917—CORNELL CT., S Main street, Albany. Board of Trustees of Albany School District to G. B. Hollenbeck.....May 19, 1917
May 31, 1917—LOT 9, BLK 16, Map The Landregan Tract, Emeryville. Sterling Paint Co. to Sommarstrom Bros.....May 31, 1917
June 1, 1917—LOT 23 Map 2 Central Oakland Tract, Okd. A L White to M P Brasch.....June 1, 1917
June 1, 1917—LOT 16, BLK A, Lakewood Park, Oakland. M. Hollested to whom it may concern..... .....June 1, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
May 26, 1917—LOT 12 Map Imperial Heights, Okd. Burnham-Standeford Co vs N Dragomanovich..... .....$198.50
May 26, 1917—W 5 LOT 23 BLK 1 Map East Piedmont Heights Ext and E 48 Lot 13 Blk "K" Map East Piedmont Heights, Okd. A F Virgil vs Wickham Havens, Inc, Charles E Ward and Charles MacGregor $85
May 28, 1917—W GRAND AVE 154.70 S Perry St., S 50xW 120, Oakland. Sunset Lumber Co. vs. Wm. Greuner and V. Z. Rutherford....$1,327.05
May 28, 1917—W GRAND AV 204.70 S Perry St., S 50xW 120, Oakland. Sunset Lumber Co. vs. Wm. Greuner and V. Z. Rutherford.....$971.11
May 29, 1917—NW TENTH AND Cypress Sts W 36-8xN 100, Oakland. Bass-Hueter Paint Co. vs. William Jones $200.66

RELEASE OF LIENS

Alameda County.

May 21, 1917—LOT 33 BLK 3 Map Cragmont, Bkly. G L Hughson and R M Donnolly to J W and Ida M Gilkyson $805
May 24, 1917—E THOMAS ST., 294 N Napa St., N 76xE 100, Oakland. George H. Tay & Co. to E. L. Higgins and N. C. Hill.....$156.97
May 25, 1917—LOTS 24, 25 AND 26 Blk "R" Amended Map Moss Tct, Okd. Wm F Doig (Century Elec Co) to Emma Blome and C H Poppossi $52.25
May 25, 1917—LOT 26 BLK "R" Amended Map Moss Tract, Okd. Chamberlain & Osgood to Emma Blome and C H Poppossi $17.70
May 25, 1917—NE HARWOOD AND College Aves E 100 N 100 W 60.66 S 107.45, Okd. S E Matthews, $250; Marshall & Stearns Co, $560; The J Llewellyn Co, $263; Joseph A McGowan, $195 to M H Dunham and J F Woodward .....

BUILDING CONTRACTS.

San Mateo County.

FRAME RESIDENCE
LOT 180 SUB NO. 2 OF SAN MATEO Park, San Mateo. All work for two-story frame residence.
Owner.....William and Hulda Maxwell, 509 Highland Ave., San Mateo.
Architect.....Thos. M. Edwards, Bank Bldg., Burlingame.
Contractor....Croop & Keegan, 21 North E St., San Mateo.
Filed May 28, '17. Dated May 17, '17.
When framed $1243
Shingled and plastered..... 1243
When completed..... 1243
Usual 35 days..... 1244
TOTAL COST, $4973
Bond, $2486.50. Surety, Fidelity & Casualty Co. of New York. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

COMPLETION NOTICE.

San Mateo County.

RECORDED ACCEPTED
May 26, 1917—LOT 9 BLK 22 Map of Easton Add'n to Burlingame No. 2, Easton. C Kerins to whom it may concern.....May 22, 1917
May 28, 1917—LOTS 19 AND 20 BLK 57 Easton Add'n to Burlingame No. 6, Easton. Madeline C Brun de Surville to John R Wieland..... .....May 4, 1917

COMPLETION NOTICES.

Santa Clara County.

RECORDED ACCEPTED
May 24, 1917—NO. 160 RACE ST., San Jose. M Perino to whom it may concern.....May 21, 1917
May 25, 1917—CHESTNUT AND Emory Sts., San Jose. Associated Oil Co to Morrison Bros..May 14, 1917
May 17, 1917—LOTS 1 AND 2 BLK 1 Randal's Add'n to Chapman & Davis Tct. A K Burkett to whom it may concern.....May 17, 1917
May 16, 1917—SARATOGA. Caroline A Potter to Jno Rodoni..... .....May 12, 1917
May 18, 1917—LOT 52 BLK 1, San Jose Park Tract, San Jose. P A Robinson to E N Gardner. .....May 9, 1917
May 22, 1917—COYOTE CREEK NE of San Jose. O'Connell Bros to E A Bevens.....May 21, 1917

LIENS FILED.

Santa Clara County

RECORDED AMOUNT
May 28, 1917—LOTS 23 AND 24 BLK 2, Glen Ridge Terrace, San Jose. J Rea Bryant vs Emilia & Edward Heyde $1480.55

BUILDING CONTRACTS.

Marin County.

FRAME DWELLING
MILL VALLEY, Marin Co. Carpenter work, concrete, etc., for one-story frame dwelling.

Owner.....Mrs. Ellen Goldsborough, Mill Valley, Cal.
Architect .....None.
Contractor....Frederick A. Roemer, Mill Valley.
Filed May 29, 17. Dated May 21, '17.
Work commenced $300
On or about July, 1917..... 870
Usual 35 days..... 200
TOTAL COST, $1370
Bond, $1000. Sureties, Oscar and Minnie Roemer. Limit, forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

Contra Costa County.

FRAME APARTMENTS
FIFTH ST., bet. Macdonald Ave and Bissell, Richmond. Frame apartments (4).
Owner.....Wm. Hansen, Santa Rosa.
Architect .....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $7000

FRAME COTTAGE
Roosevelt, bet. 11th and 12th Sts., Richmond. Frame cottage.
Owner.....G. S. Paisley, 460 7th St., Richmond.
Architect .....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $3500

FRAME COTTAGE
Roosevelt, bet. 19th and 20th Sts., Richmond Frame cottage.
Owner.....L. Grazier, 1922 Roosevelt Ave., Richmond.
Architect .....None.
Contractor....Carl Overaa, 1808 Roosevelt Ave., Richmond.
COST, $1500

COMPLETION NOTICES.

Marin County.

RECORDED ACCEPTED
June 1, 1917—SAN RAFAEL. F A Anderson to E Ellingson..May 22, '17

BUILDING CONTRACTS.

Fresno County.

SHED
S. P. RESERVATION, Fresno. All work for pullman shed
Owner.....S. P. Railroad Co., Malaga, Fresno.
Architect .....None.
Contractor....Jones & McGovern, 2218 Los Angeles S.t, Bkly.
COST, $8000

BRICK WAREHOUSE
PARLIER, Fresno Co. All work for two-story brick warehouse.
Owner.....W. J. Lohman, H. L. Suderman and L. M. Say, Parlier, Cal.
Architect .....Glass & Butner, Republican Bldg., Fresno.
Contractor....Johnson Bros., Kingsburg.
Filed May 31, '17. Dated May 25, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,529
Bond, $9000. Sureties, A. T. Carlson and A. W. Sword. Limit, 75 days after May 28. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

Fresno County

RECORDED ACCEPTED
May 29, 1917—LOTS 51 & 52 North Park Add'n. Fresno. Jennie Scholz to whom it may concern..May 24, '17

LIENS FILED.

Fresno County.

RECORDED AMOUNT
May 24, 1917—LOTS 9 AND 10 BLK 4, Sunset Tct, Fresno. M Kellner & Son Lumber Co vs Henry Gede Jr, Victor R Gede and F J Craycroft et al $631

NOTICE OF NON-LIABILITY.

Fresno County.

May 31, 1917—LOT IN KINGSBURG. C. P. R R Co as to work for Haley & Creason on leased property.....

BUILDING CONTRACTS.

Sacramento County.

DWELLING
NO. 1701 W ST., Sacramento. All work for dwelling.
Owner.....A. D. Allen, 1417 16th St., Sacramento.
Architect .....None.
Contractor....Thos. B. Hunt, 2926 S St., Sacramento.
COST, $2200
Same with Thos. B. Hunt. Private garage on above. COST, $225

ALTERATIONS
NO. 3807 J ST., Sacramento. Remodel dwelling.
Owner.....Mrs. J. H. Miller.
Architect .....None.
Day's work. COST, $2600

BRICK RESIDENCE
NO. 1225 FORTIETH ST., Sacramento. Two-story brick residence (20 rooms and baths.
Owner.....Mrs. G. W. Mills, 1015 Yardley Ave., Sacramento.
Architect .....E. C. Hemming, 1203 J St., Sacramento.
Contractor....Teichert & Ambrose, Oschner Bldg., Sacramento.
COST, $19 000

DWELLING
NO. 2320 SIXTEENTH ST., Sacramento. Dwelling.
Owner.....Emily Valine.
Architect .....None.
Contractor....Chris. Valine, 2417 15th St., Sacramento.
COST, $1500

FRAME LAVATORY, ETC.
WATER STREET, Sacramento. All work for frame lavatory, $500; cookhouse, $500; 3 bunkhouse, $500 each.
Owner.....Central Pacific Railway.
Architect .....None.
Contractor....Couthern Pacific Co., 8th and K Sts., Sacramento.
COST, $2500

ALTERATIONS
TENTH AND K STS., Sacramento. Ornamental iron work for alterations and additions to five-story Class "C" office building (Physicians' Building).
Owner.....Physicians' Bldg., Co., 1005 K St., Sacramento.
Architect .....Woollett & Woollett, Highland Park & Ridge Road, Berkeley.
General Contractor....Geo. D. Hudnutt, Inc., California Fruit Bldg., Sacramento.
Sub-Contractor....Pacific Iron Works.
Filed May 28, '17. Dated May 7, 17.
Usual payment of..... 75%
TOTAL COST, $2240
Bond, $1121. Surety, Massachusetts Bonding & Insurance Co. Limit 30 days. Forfeit, none. Specifications only filed.

PAINTING WORK ON ABOVE.
Contractor....Dixon Painting Co.
Filed May 28, '17. Dated Apr. 9, '17.
Payments same as above.....
TOTAL COST, $2722
Bond, $1361. Surety, The Aetna Accident & Liability Co. Limit, 90 days Forfeit, none. Specifications only filed.

Contractor....Jos. Musto Sons-Keenan Co., 535 North Point St., San Francisco.
Filed May 28, '17. Dated May 1, '17.
Payments same as above.....
TOTAL COST, $3251
Bond, $1625. Sureties, A. E. Sharboro and G. B. Levaggi. Limit, 50 days. Forfeit, none. Specifications only filed.

GLAZING WORK ON ABOVE.
Contractor....W. P. Fuller & Co., 301 Mission, San Francisco.
Filed May 28, '17. Dated Apr. 30, '17.
Payments same as above.....
TOTAL COST, $3228
Bond, $1614. Sureties, E. E. Simmons and H. H. Somers. Limit, 30 days. Forfeit, none. Specifications only filed.

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

POPULARITY OF MAUERENE LIKWID SEMENT.

The First National Bank Building, located at the corner of Post and Montgomery streets, is being treated under The Imperial Company's method of waterproofing and preserving buildings.

The concrete wall on the north side of the building, including the plastered surface in the light court, is being waterproofed with Mauerene Waterproofing and cement finished with Mauerene Likwid Sement.

This will add materially to the life and appearance of another one of the City's most attractive and substantial buildings, designed by Willis Polk & Co., Architects.

It is unusual for architects, builders and owners to take hold of a new product as readily as they are doing with Mauerene Likwid Sement. This is the best evidence of the exceptional merits of this product.

The problem of obtaining efficient and lasting results from the use of wood laths for plastering often presents itself to the builder. We take pleasure in reproducing a letter from an architect who has solved this problem to his entire satisfaction.

Hanford, Cal., April 26, 1917.

The Imperial Company,
San Francisco, Cal.

Gentlemen:—In reply to your favor of April 25 as to my experience in the use of Imperial Waterproofing, would say that, while I appreciate its value as a general waterproofing medium, I have used it in a general way so little that I fear my experience would be of little use to you.

I have, however, used Imperial Waterproofing as a waterproofing for redwood grooved lath for stucco buildings for nearly seven years, and after exhaustive tests of every other material on the market which was recommended for this purpose, found that Imperial was the only material which would uniformly produce the desired result, viz: the complete waterproofing of the wood lath so that it would not absorb moisture, either from the stucco coats or thereafter.

Inasmuch as cement stucco on a wood base or lath is one of the least expensive exterior coverings yet discovered, and at the same time requiring the minimum of expenditure for maintenance, this form of building, particularly for residence work, is bound to meet with general favor—always provided that an efficient waterproofing material for the lath is used.

I have found by experiments covering nearly one hundred stucco buildings that Imperial is the one and only material which will give permanently satisfactory results in this respect. It is less expensive per square foot of area treated than even the cheapest of tar products, with none of the defects and shortcomings of the latter, such as staining of stucco by resorbtion and the various difficulties of application.

My method of application of Imperial to this use is, I believe, original with me, and I shall be pleased to answer any inquiries on the subject which may be addressed to me.

Yours very truly,

(Signed) A. MERRILL BOWSER.

THE IMPORTANCE OF OIL RESOURCES OF CALIFORNIA.

Report of Railroad Commission of The State of California.

The importance of the oil resources of California in the war emergency is signified by the appointment by Governor William D. Stephens of a committee on Petroleum Oil Production to advise the State Council of Defense. Max Thelen, President of the State Railroad Commission, has been named chairman of this committee, which is to consist of three members. Professor David M. Folsom, of Stanford University, has also been appointed to the committee. The third member has not yet been chosen, but so important do Chairman Thelen and Professor Folsom consider their task, that they have plunged into it already, and cleared the way for a thorough probing of the actual conditions of the petroleum industry throughout California.

The field of inquiry of the committee is concisely stated by Governor Stephens in a letter to Chairman Thelen in which he says that it is "to obtain facts relating to the production, distribution and utilization of petroleum, and to make recommendations.

"(1) As to measures to be taken to met anl emergency arising from the present war;

"(2) The increased production and highest utilization of the petroleum resources of this State as an integral part of the United States, having regard both to industrial development and the needs of the national government.'

Governor Stephens further says: "As the matter is one of urgent interest to the State and Nation, I would appreciate early efforts on behalf of yourself and colleagues, and as prompt a report as possible to me of the results of your findings."

The committee will report directly to Governor Stephens as soon as it has in hand statistics from which the facts of the oil supply may be gained.

Experts both of the Railroad Commission and of the State Mining Bureau will assist the committee, which will hold conferences in San Francisco and Los Angeles with the officials of the various oil companies of the state, and representatives of the federal government, including the United States Bureau of Mines. These meetings will be so scheduled as to give opportunity to all the various oil interests to lay before the committee all figures in their possession.

The critical aspect of the oil situation is emphasized by the oil companies' statement that in 1916 there was a daily decrease in the storage of oil of 35,800 barrels, and that in 1916 and the first three months of this year the decrease of crude oil stocks stored in this state over last year was 15,900,000 barrels.

The Southern Pacific Company, which controls large oil fields, says that at the present rate the stock of stored fuel oil held by the company will be depleted in 60 days, and that within five months they will have consumed all of the oil they have purchased for future delivery.

The average production of oil in the state at present is set down at 8,000,000 barrels a month.

Oil is of increasing necessity to many of the public utilities of California, which are regulated by the the Railroad Commission. It is used in enormous quantities by the railroads and steamship companies, the gas and electric companies, and, of course, by manufacturing in general.

Chairman Thelen said recently that he and Professor Folsom would spare not a day in going thoroughly into the oil conditions, and hoped to be able to report to Governor Stephens in the very near furture. The invited, he said, the aid of all interested parties.

CHEMISTS & MINING ENGINEERS REGISTERING.

WASHINGTON, May 14.—A great patriotic response is being made by the chemists, metallurgists, and mining engineers to the plan of the Bureau of Mines, Department of the Interior, for their mobilization in defense of the country. Already more than 10,000 blanks, properly filled in, stating the qualifications of these technical men and their preferences as to the part they are willing to play in the war, have been received by the bureau and are being tabulated for the use of the Council of National Defense and for the Army and Navy.

Several thousand chemists, skilled in the making of explosives, have already registered; also many men expert in the making of iron and steel. It is likely that these two classifications will be needed first and will be called upon to assist in creating a big supply of explosives and big guns.

The bureau, in addition, is receiving applications from many men skilled along different lines offering, as one stated it, "my knowledge, experience and time to the Federal Government."

An unexpected feature of this effort to mobilize the technical men of the country has been the additional offer of the men to turn over their complete laboratories, together with the working staffs, to the Government for whatever research work that may be needed. Among the state and college laboratories placed at the disposal of the Government are, Minnesota School of Mines, Minnesota Mines Experiment Station; Clark University, Worcester, Mass.; New York Sstate School of Clay Working and Ceramics. Alfred University, Alfred, N. Y.; Department of Chemistry, University of Texas, Austin, Texas; University of Cincinnati, Cincinnati, Ohio; Department of Chemistry, Louisville University, Louisville, Ky.; State Board of Health Laboratory, Ohio State University, Columbus, Ohio; and the John Hopkins Uuiversity, Baltimore, Md.

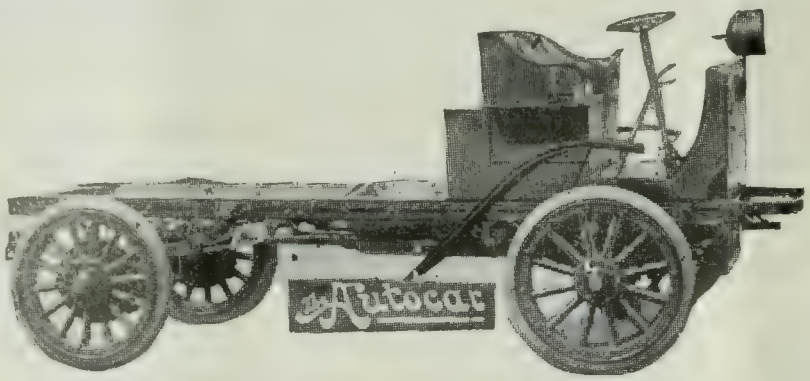
Commercial and other laboratories have also offered their services, among them being the Mellon Institute for Industrial Research, Pittsburgh, Pa.; Rockefeller Institute for Medical Research, New York; the General Electric Co., Schenectady, N. Y.; W. J. Rattle & Son, chemists and mining engineers, Cleveland, Ohio; Dielectric Manufacturing Co., St. Louis, Mo.; Central Testing Laboratory, New York; Fuel Engineering Society, New York; J. S. Young Co., Baltimore Md.; Mine Safety Appliance Co., Pittsburgh,

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Mr. Fitts, the Vice-President of the Company, has recently been here from the Eastern Factory, visiting the Pacific Coast Branches.

Among the late sales of the Autocar were 21 cars to the Adams Express Co. for San Francisco and Oakland; 3 to McNab & Smith of this city; 5 additional cars to the Overland Freight and Transfer Co. of this city (making a total of 10 cars for that concern), and numerous others, a list of which you will find on the following page.



Mr. Coal Dealer, if you are thinking of buying a car be sure and inquire about the Autocar before you buy.

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x Bulletin, The, 767 Market St.
Ballenger & Son, 107 New Montgomery St.
Consumers Ice Co., 438 8th St.
x Cudahy Packing Co., 55 Union St.
Coughlin Draying Co., 401 Embarcadero.
Cadman & Bender, 407 New Call Bldg.
(2 yard Dump)
x Curtis & Co., Wm. A. 400 Front St.
x Empire Express Co., 1536 Haight St.
Excelsior Redwood Co., Burlingame (2 yard Dump.)
x Genazzi & Garzoli, 109 Clay St.
Goetting & Sons, Chas. L., California Market.
x Great Western Power Co., 14 Sansome St.
x Goodyear Tire & Rubber Co., Van Ness Ave.
Gallagher, Wm. J., 623 Grove St.
Hess, F. W., 1120 Mission St.
Holy Cross Cemetery, 1100 Franklin St.
Horstman & Hahn, 264 Sixth St.
Lacabanne, D., 54-A, Carl St.
Los Angeles Soap Co., 250 Front St.
Lundy, A. L., Dried Milk Products, 112 Market St.
Mark Lally Co., 2nd and Tehama Sts.
x Morgan Oyster Co., 614 Third St.
x Martin Camm Co., Sacramento and Drumm Sts.
Mowry Drayage Co., Inc., 67 Second St.
x Meyer & Co., Albert, 137 Steuart St.
x McNab & Smith, 38 Davis St.
Norton, Teller & Co., 233 Front St.
x Ogden Packing Co., 49 Washington St.
x Overland Freight Transfer Co., 217 Front St.
Pacific Coast Paper Co., 545 Miss'on St.
x Pacific Tel. & Tel Co., 140 New Montgomery St.
Reid, A. W., 888 Mission St.
Red Line Transfer Co., 433 Mason St.
Roma Market, 713 Fillmore St.
x R. B. & S. Special Del. Co., 953 Harrison St.
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(2 yard Dump.)
x Stafford & Co., W. G., 234 Steuart St.
x Sturdivant & Co., 423 Fulton St.
Schwartz Ginger Ale Co., 490 Fifth St.
San Francisco Casket Co., 623 Guerrero St.
Speyer Bag Co., 869 Folsom St.
South S. F. Packing & Provision Co., 409 Front St.
x Shasta Water Co., Sixth and Brannan Sts.
Smith & Son, Ed. W., 75 Annie St.
Thompson Bros., Draymen, 544 Howard St.
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◆

PACIFIC GAS & ELECTRIC COMPANY COMPLETES BUSY YEAR.

Some interesting data upon "Pacific Service" activities during the past year were brought out in the report of Vice-President and General Manager John A. Britton to the annual meeting of the Pacific Gas and Electric Company's stockholders April 10th.

Constructional activities during the year represented a net expenditure of $3,658,745.89. This included the raising of Lake Spaulding dam to a height of 260 feet and the completion of Halsey and Wise power developments. The addition of 35 feet to the Spaulding dam cost $185,000 and enabled the impounding of an additional 23,000 acre feet of water. "Cost about $8 per acre foot — a hitherto unknown economical price," stated the report. The expenditure on the Halsey-Wise development was $1,683,510 and as the plants have a combined installed capacity of 33,500 horsepower their cost represents only $50 per horsepower. The entire Drum-Halsey-Wise development is estimated to have cost $141 per horsepower. Later, as occasion demands, it is proposed to complete this South Yuba-Bear River development by the addition of approximatelw 40,000 horsepower in installed capacity to the Drum powerplant and the construction of an intermediate plant at a point between Drum and Halsey of about 40 000 horsepower capacity. So that, when fully completed, this development will contribute approximately 150,000 horsepower to the "Pacific Service" system, which at the present time consists of eleven hydro-electric plants and three steam plants with an aggregate installed capacity of 261,595 horsepower. From these there was delivered on the system during 1916 a total of 768,304,907 horsepower, an increase of 42,589,387 over 1915. Of this 55.1 per cent was delivered from the hyrdo-electric plants, 21.2 per cent from the steam plants and 23.7 per cent from purchased power.

The diversity of "load" in the electric department is shown by the following figures in round numbers: mining, 35,000 horsepower; agricultural, 63,000 horsepower; railways, 55,000 horsepower; manufacturing, 139 000 horsepower; miscellaneous service, 50,000 horsepower; total, 342,000 horsepower. The balance between that and the company's total connected load on the system of 559,343 horsepower is represented by the consumption of electricity for lighting purposes, 287,580 horsepower.

The company acquired during the year the properties of the Oro Electric Corporation. It expects to derive considerable revenue from these, and there is a potential hydro- electric development which promises to be of great value when the time comes for exploiting it.

In the Gas Department 134 miles of street mains were added to the system, which now has a total of 2,779 miles, supplying 196,818 services and 245,829 meters. From the various plants there was sold a total of 8,174,000,000 cubic feet of gas during the year—an average of 2,982 cubic feet per month per consumer. New construction work was done, notably in San Jose and Oakland, and the total expenditure during 1916 for plant extensions in the Gas Department was $1,113,653. There are now 49 gasholders in use, having a capacity of 20,886,000 cubic feet, and on the distribution system there are 471 miles of high-pressure mains.

The electric generating department used 745,954 barrels of oil during 1916, and the gas department 1,773,087 barrels. With the increased price of oil it is estimated that this item on the company's list of operating expenses for 1917 will be $1,000,000 in excess of what it was last year. The company hopes to offset this as well as the increased cost of materials used in operation, maintenance and construction by strict economy and the acquisition of new business.

The Sacramento Street Railway system showed a decided improvement during the year, the number of passengers carried and the revenue showing approximately 10½ per cent increase. The total number of passengers carried during the year was 10,044,428.

The Water Department system possesses in addition to the supply from the various hydro-electric developments, 4 pumping stations, with 115 miles of main, supplying 2,000,000,000 gallons of water per annum. The total storage capacity in water on the entire system is 6,372,398,950 cubic feet, or 47,792,992,125 gallons, an amount sufficient to supply the city of San Francisco at her present rate of consumption for a period of 950 days.

The annual report of Treasurer A. F. Hockenbeamer contained certain features that invite attention. The company's net income for 1916, after charging up all operating expenses, taxes, depreciation and other reserves, was $8,316,000, or more than twice the amount necessary to pay our bond interest; after payment of bond interest and the annual amortization of bond discount there was left $4,298,000 for the payment of preferred stock dividends amounting to $1,374,000; out of the $2,924,000 remaining there was paid $1,708,000 in dividends on the common stock, being a balance of $1,216,000 to be carried to reserve accounts. The report shows that during the eleven years of the company's corporate history it has expended more than $12,000,000 for maintenance and has appropriated more than $16,000,000 for depreciation. In this eleven year period the company has earned over and above its bond interest $37,371,000, while it has expended for new construction and the acquisition of other properties $60,153,000. It has sold, either directly or through its bankers, securities of the aggregate par value of $83,444,000 and has expended, the greater portion of the proceeds in enlargement and improvements of service and the remainder in payment or refunding of capital obligations.

Mr. Hockenbeamer's report comments upon the fact that the cost of practically everything entering into the manufacture and distribution of the company's products has advanced materially and is still advancing; while, unlike other manufacturers and merchants, the company may not increase its prices. "As a matter of fact," states the report, "the purchasing power of a dollar with respect to the bulk of the materials entering into our maintenance, replacements, construction and operations has been cut in two, and at present prices it requires about two dollars to do the work formerly performed for one. Our business is increasing at a normal rate, and we are prepared to make the necessary investment to provide the additional facilities to meet this growth. It is obvious, however, that we must be permitted to earn a reasonable marking of profit if the company's credit is to be sustained so as to permit it to give good and adequate service and to continue contributing its share to the development and future prosperity of the State."

◆

CORROSION OF TINNED SHEET COPPER.

The United States Bureau of Standards has recently investigated a rather unusual and interesting case of corrosion, namely, that of the roofing material of the Library of Congress. The roof of this building has been covered since about 1893 by tinned sheet copper, which has become covered within the last 10 or 15 years with small pits; in many cases these pits have extended completely through the sheet. Such a condition is interesting, particularly in view of the fact that Washington is uncommonly free from smoke, etc., which is ordinarily understood to be a strong accelerating factor in corrosion.

The investigation has shown that the corrosion was due to no accidental inferiority of the material, but that it is to be considered as characteristic of all material of this type. It, therefore, appears that tinned copper is not superior in any way to tin plate for rooofing material and in view of its greater cost can no longer compete with it.

Tinned sheet copper is used also for containing vessels such as milk cans, and for fittings such as troughs, etc., for soda fountains and breweries. It is probable that such articles would also be subject to pitting corrosion of the same type if they are not worn out by actual abrasion before the corrosion proceeds far.

Technologic Paper No. 90, describing this investigation, may be procured from the Superintendent of Documents, Washington, D. C., at 5 cents per copy.

◆

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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
7:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
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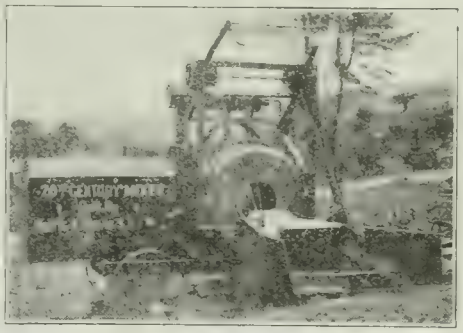
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Building Operations For April, 1917.

The records of building operations for the month of April, as shown by the permits issued in 117 principal cities of the United States, reveals the extent of the initial chill to this great industry by reason of the entrance of our country into the European war. In the light of all circumstances the decrease may be regarded as quite moderate. These permits, as compiled by the Daily Pacific Builder, California Development Board and the American Contractor, Chicago, total $86,780,286, as compared with $94,029,948 for April 1916. The January statement this year showed an increase of 11 per cent. For February, and a gain for March, the totals shrank 5 per cent, when compared with the corresponding month last year. There would naturally be some withholding of applications for building permits with the uncertainties of war effects and the significant feature about the April statement is that the decrease was not greater than 8 per cent.

Of the 117 cities represented in the aggregate 69, or 60 per cent, record losses, while 46, or 40 per cent, show comparative gains.

City	Apr., 1917 Cost.	Apr., 1916 Cost.
Akron	$ 2,431,213	$ 1,340,859
Alameda, Cal.	54,099	18,698
Albany	351,540	432,455
Allentown	395,760	370,720
Altoona	24,897	140,933
Atlanta	441,413	573,647
Atlantic City	1,204,213	210,535
Baltimore	853,819	763,275
Bayonne	83,900	66,465
Berkeley, Cal.	84,000	143,780
Binghamton	274,876	193,850
Birmingham	175,539	171,509
Boston&vicinity	8,030,000	6,837,000
Bridgeport	545,075	646,437
Brockton	53,382	100,110
Buffalo	939,000	803,000
Canton	554,845	453,755
Cedar Rapids	179,000	205,000
Charlotte	60,475	141,880
Chattanooga	55,005	91,300
Chicago	9,524,450	11,371,600
Cincinnati	1,039,780	1,156,165
Cleveland	2,441,500	2,625,055
Colorado Spngs	16,790	28,373
Columbus	532,000	1 166,840
Dallas	190,730	194,201
Davenport	165,243	85,330
Dayton	215,204	259,370
Denver	809,250	340,960
Des Moines	273,330	162,075
Detroit	5,284,705	3,813,370
Dubuque	40,805	103,500
Duluth	104,372	612,348
East Orange	210,226	215,143
East St. Louis	81,925	92,835
Elizabeth	189,980	63,245
Erie	689,099	282,429
Fort Wayne	184,785	349,236
Fort Worth	247,065	211,298
Grand Rapids	184,987	488,097
Harrisburg	190,940	373,445
Hartford	1,197,727	1,091,511
Hoboken	13,234	63,860
Holyoke	20,140	186,860
Huntington	161,480	163,225
Indianapolis	775,802	861,674
Jacksonville	15,765	58,485
Kansas City, K	92,400	105,864
Kansas City,Mo	1,291,400	1,219,949
Lawrence	55,200	263,320
Lincoln	107,040	426,260
Los Angeles	2,700,600	1,304,407
Louisville	261,820	298,690
Manchester	547,530	124,027
Memphis	201,105	282 545
Milwaukee	2,024,695	876,958
Minneapolis	1,284,685	3,043,085
Montgomery	14,590	46,100
Newark	1,164,433	842,617
New Bedford	117,500	779,665
New Britain	123,470	158,155
New Haven	543,154	409,630
New Orleans	175,683	242,061
New York City		
Manhattan	3,685,415	8,599,760
Bronx	1,648,606	1,923,473
Brooklyn	2,452,557	3,952 243
Queens	2,185,666	2,394,637
Richmond	342,314	370,971
Total	10,314,558	17.241,084
Niagara Falls	268,295	378,755
Norfolk	299,741	226,384
Oakland, Cal.	388,998	706,479
Oklahoma City	313,034	193,085
Omaha	460,350	406,835
Pasadena, Cal.	256,914	189,813
Passaic	54,200	111,675
Paterson	167,027	251,169
Peoria	213,919	103,769
Philadelphia	5,009,740	6,227,780
Pittsburgh	1,094,109	1,250,762
Portland, Me.	74,005	162,775
Portland, Ore.	390,880	457,765
Pueblo	19,240	23,671
Quincy	109,620	223,269
Reading	226,200	255,150
Richmond, Cal.	31,313	7,527
Richmond, Va.	359,015	595,608
Rochester	564,377	1,168 294
Sacramento	213,171	79,573
Saginaw	38,067	39,705
Salem	142,800	487,152
Salt Lake City	228,015	260,745
San Antonio	190,527	124,928
San Diego	66,974	208,454
San Francisco	1,554,894	2,240,406
San Jose, Cal.	32,705	86,251
Savannah	136,300	102,875
Schenectady	303,370	213,561
Scranton	147,306	110,875
Seattle, Wash.	670,905	556,510
Sioux City	478,770	214,250
South Bend	400,438	82,038
Spokane, Wash.	89,655	62,434
Springfield	739,659	465,785
St. Joseph	110,015	260,519
St. Louis	1,707,991	1,003,146
St. Paul	877,244	966,504
Stockton, Cal.	121,886	77,780
Superior	106,052	131,180
Syracuse	891,125	681,270
Tacoma, Wash.	102,553	185,110
Terre Haute	41,063	55,667
Toledo	1,176,969	1,188,467
Topeka	11,665	62,967
Trenton	126,923	327,623
Troy	32,133	54 896
Utica	180,460	153,340
Washington, DC	714,305	1,192,098
Wichita	447,510	387,510
Wilkes-Barre	195,773	69,905
Wilmington	266,278	237,878
Worcester	1,009,004	573,423
Youngstown	349,675	373,001
Total	$86,780,286	$94,029,948

BUILDING TOTALS.

San Francisco.

The sum total of Building operations for May for San Francisco, shows a healthy gain over the preceding month both as to private construction and public work, as follows:

Private Construction, May, 1917.

Concrete and brick	$ 615,039
Frame	497,536
Alterations	161,716
Total	$1,274,291

Public Work

City streets and sewers	$ 29,840
Municipal Railway	25,956
State Buildings	6,500
Federal Buildings	1,631,922
Grand total, May, 1917	$2,968,509
Grand total, May, 1916	1,897,470
Gain	$1,071,039

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

Plans Being Prepared.
CLASS C APARTMENT HOUSE. Cost not stated.
SAN FRANCISCO, Jones near Bush street.
Four-story and base, Class C apartment house; 21 apartments of 2 and 3 rooms.
Owner—Name withheld.
Architect—J. F. Dunn, Phelan Bldg., San Francisco.

Plans Being Revised.
CLASS C APARTMENT HOUSE. Cost, $22,500.
SAN FRANCISCO, east Jones north Sutter.
Four-story and base, Class C; 40 by 68 feet 9 inches; 16 apartments of 2 rooms each.
Owner—John Dempnak, 1664 Washington street, S. F.
Architects—Rousseau & Rousseau, 110 Sutter street, S. F.

Plans Being Prepared.
FRAME APARTMENT HOUSE. Cost, $15,000.
SAN FRANCISCO, east Larkin north Jackson.
Three-story and base, frame apartment house, 25 by 120 feet; 6 apartments.
Owner—Name not given.
Architects—Rousseau & Rousseau, 110 Sutter street, S. F.

Plans Being Prepared.
FRAME APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. 40th Street near Grove.
Two-story frame and plaster apartments (22 2 & 3 room apts..)
Owner—Hubbard & Hubbard.
Architect—Reynolds & Rosebrook, 49 Bacon Blk, Oakland.

Preliminary Plans Being Prepared.
FRAME APARTMENTS Cost, $18,000
OAKLAND, Alameda Co., Cal. Foothill and Havenscourt Blvds.
Two-story and basement frame apartmants (18 2 & 3 room apts.)
Owner—H. C. Knight.
Architect—Reynolds & Rosebrook, 49 Bacon Blk, Oakland.

Preliminary Plans Being Prepared
CLASS "C" APARTMENTS
COST, $75,000
BERKELEY, Alameda Co., Cal.
Four-story and basement Class "C" apartment house.
Owner—J. A. Marshall.
Architect—Reynold & Rosebrook, 49 Bacon Blk, Oakland.

BANKS.

Plans Being Prepared.
CONCRETE BANK Cost, $16,000
MANTECA, San Joaquin Co., Cal. Cor. Yosemite Ave. and Hogan Road.
One-story reinforced concrete bank, 30x70.
Owner—First State Bank of Manteca, E. Powers, President.
Designers—Sweetser & Baldwin Safe Co., Marsh-Strong Bldg., Los Angeles, Cal.

BONDS.

SACRAMENTO, Cal.—Bonds of $1,000,000 for the completion of levees has been voted in Reclamation District No. 1000 ond bids for construction will be called for shortly.

PLACERVILE, El Dorado Co., Cal.—At a recent election the voters defeated a proposal to levy a special tax of 70 cents in order that an auditorium might be included in the building of a new grammar school, construction on which will start soon. A $35,000 bond issue was voted for the new building but the high price of building materials caused the elimination of the auditorium.

ANDERSON, Shasta Co., Cal.—The School Trustees will ask the Supervisors to make a direct tax with which to secure funds for the erection of a new high school building. Two elections held to vote $40,000 for a new school were defeated.

LOS ANGELES, Cal.—Bids will be received by the Board of Supervisors up to 2 P. M. of June 18, for the purchase of 50 bonds of the Azusa City school district, $1000 each; dated June 1, at 5% interest Certified or cashier's check of 3% required. H. J. Lelande is the clerk. Plans were prepared by Architects Allison & Allison, Hibernian Bank Bldg., Los Angeles.

SAN BERNARDINO, Cal.—Bids will be received by the Board of Supervisors up to 11 A. M. of June 18, for the purchase of ten bonds of the Waterman School District, $1000 each, at 6%. Certified check or cash deposit for $500 required. L. R. Patty is the Clerk.

LONG BEACH, Los Angeles Co., Cal.—The Board of Education is preparing to submit for consideration, a $100,000 bond issue. The proposed work is contained in the following estimate: Additional unit for Daisy avenue school, including at least four rooms and an auditorium, $30,000; purchase of an additional ground at Linden avenue and Fifteenth street, where the school district owns half a block at present, $7500; suitable grammar school building at Fifteenth and Linden, $50,000; erection of additional unit at Temple avenue, $10,000; appropriation for furnace improvements in eight grammar schools of city, $2500.

PORTERVILE, Tulare Co., Cal.—A general bond issue is being considered by the City Trustees, and will provide for various public improvement, including the construction of new fire station to be located at some point south of Olive street.

JEFFERSON SCHOOL DISTRICT, San Mateo Co., Cal.—The $75,000 bond issue for a new school building has carried and the preparation of plans will be commenced immediately.

BIGGS, Buttet Co., Cal.—The election held to vote bonds of $25,000 for a new school building failed to carry at a recent election.

PORTLAND, Ore.—A bond issue totaling $6,000,000 carried in the State of Oregon on June 5th. The proceeds will be used in constructing highways throughout the State. Construction extending over a period of five years.

YREKA, Siskiyou Co., Cal.—The $70,000 bond issue of the Siskiyou Union High School District has been sold and will provide for the following improvements: $45,000 for a main building at Yreka, $5,000 each for branch high school buildings at McCloud, Sisson, Weed, Dorris and Fort Jones. Henry C. Smith, Humboldt Bank Bldg., San Francisco, is the architect.

BRIDGES AND DAMS.

SEATTLE, Wash.—Bids are being received by the Board of King County Commissioners up to June 26th, for the construction of a riveted steel span or wooden Howe Truss over the Snoqualmie River at Duval. The bridge will have a span of 180 feet, will be 20 feet wide and have 1125 feet of timber approach.

If constructed of timber it will cost about $30,000 and if of steel about $35,000. In either case it will have concrete piers.

SEATTLE, Wash.—City Engineer A. H. Dimock has commenced the preparation of plans for the construction of a concrete seawall along the western front of Railroad Ave. extending from Madison Street to Pike, estimated to cost, together with a necessary fill and plank surface on Railroad Ave., a little over $250,000.

The improvement is the second unit of the project to bulkhead the entire waterfront between Jackson and Bell Streets.

The seawall will be of reinforced concrete, fifteen feet high, two feet wide at the top and three feet at the bottom.

Contract Awarded.

FAIRFIELD, Solano Co., Cal.—Gildersleeve Construction Co. of Napa have been awarded a contract on their bid of $3,885 for the construction of a reinforced concrete arch bridge over Pleasant Valley Creek on Road No. 293, Vacaville Township, Road District No. 4.

Bentley & Gates of Vacaville submitted the only other bid at $4,294.40.

FACTORIES AND WAREHOUSES.

Plans Being Figured.
BRICK AND FRAME STABLES. Cost, $25,000.
PORTLAND, Ore., 17th and Overton.
One and 2 story brick and frame stables, 200 by 100 feet.
Owners—Wells-Fargo Express Co.
Architect—J. H. Humphrey, Wells-Fargo Bldg., S. F.

STOCKTON, San Joaquin Co., Cal.—John M. Kroyer, head of the Samson Sieve-Grip Tractor Co., Stockton, has left for the East where he will confer with W. C. Durant and others representing the General Motors Corporation, which recently purchased the Samson works, relative to plans for the immediate enlargement of their plant at Stockton. Ground for the addition has already been purchased.

Plans Being Prepared
CLASS "C" MACHINE SHOP
COST, $——
SAN FRANCISCO. Union Iron Works Plant.
One and two-story Class "C" machine shop.
Owner—Union Iron Works.
Architect—John Reid Jr., First National Bank Bldg., San Francisco.
No details of this building will be given out at present. Possibly no general figures will be taken.

To Be Done By Day's Work.
CLASS "C" WARHEOUSE
COST, $——
LOS ANGELES, Cal. Alameda Street bet. 5th and 6th Sts.
Three-story and basement Class "C" Warehouse, 45x111.
Owner—Chas. Lantz.
Architect—B. B. Bixby, Realty Board Bldg., Los Angeles.
Excavation, brick and concrete work awarded to C. S. Blodgett, 1953 Bonsallo Ave., Los Angeles.

Plans Being Prepared.
FRAME ADDITION Cost, $——
OROVILLE, Butte Co., Cal.
Two-story frame addition, 150x300 to factory.
Owner—Ehmann Olive Co., E. W. Ehmann, President, Oroville, Cal.
Architect—Not Given.

Plans Being Prepared.
WAREHOUSE Cost, $17,000
SAN FRANCISCO.
Two-story steel and concrete warehouse.
Owner—Not Given.
Structural Engineer—R. Tum Suden, 625 Market St., San Francisco.

FIRE HOUSES AND JAILS

Plans Being Refigured. Bids close July 3rd.
BRICK DETENTION HOME. Cost not stated.
STOCKTON, San Joaquin Co., Cal., East and Taylor streets.
Two-story and base, brick detention home.
Owners—San Joaquin County.
Architect—Joseph Losekamn, San Joaquin Bldg., Stockton

FLATS.

Day's Work.
FRAME FLATS. Cost, $5,000.
SAN FRANCISCO, north Grove east Ashbury.
Two-story and base, frame flats, 25 by 58 feet.
Owners—Hemminga Bros., 40 Ashbury street, S. F.
Architect—None.

Plans Complete.
FRAME FLATS. Cost, $9,000.
SAN FRANCISCO, north Union between Taylor and Jones.
Three-story and base, frame flats; 3 flats, 7 rooms.
Owner—Name not given.
Architects—Rousseau & Rousseau, 110 Sutter street, S. F.

FRAME FLATS. Cost, $6,000
STOCKTON. SW Cor. Monroe and Flora Sts.
Four frame flats and garages.
Owner—Mr. Braddock, 539 W-Willow St., Stockton.
Architect—C. J. Ryland, 12-15 I. O. O. F. Bldg., Stockton.

GARAGE.

Plans Being Prepared.
BRICK GARAGE. Cost not stated.
SAN FRANCISCO, 2950 Pacific Ave.
One-story brick garage, 34 by 40 feet.
Owner—E. W. Newhall.
Architect—Julia Morgan, Merchants' Exchange Bldg., S. F.

Plans Being Prepared.
CLASS B GARAGE. Cost, $28,000.
SAN FRANCISCO, north Ellis 110 feet east Polk.
One-story and base, Class B garage, 92½ by 120 feet.
Owner—Name withheld.
Architects—O'Brien Bros., 240 Montgomery street, S. F.

Bids in and Under Advisement.
GARAGE. Cost, $5,000
SAN FRANCISCO. Seventh and King.
One-story frame and corrugated iron garage.
Owner—Pacific Hardware & Steel Co.
Engineer—R. Tum Suden, 625 Market St., San Francisco.

GOVERNMENT WORK & SUPPLIES.

Reclamation Work.

The Secretary of the Interior has authorized the reclamation service to award contract to Ball & Jaffe, of Seattle, Wash., for schedules, 1, 2, 3, and 4, for earthwork on the Camas division laterals B. C. and D, Flathead Irrigation Project, Mont. The amount of contract is $48,197. Also contract has been awarded to Mendenhall & Bird, of Springfield, Utah, for schedules A and C, Flathead Project. The amount of contract is $10,127.

Lateral Structures.

The Secretary of the Interior has authorized the U. S. reclamation service to award contract to Threat Brothers, of Lovell, Wyo., for constructing structures on lateral 67-F of Garland division, Shoshone irrigation project, Wyoming, for $6,992.

Construction for Navy.

The need of new quarters at Mellet for the increased number of enlisted men of the Navy will be met by the construction of temporary buildings at navy yards. It was intended to have special camps established, but lack of funds for the purpose has made it necessary to have the recruits sent first to the regular training stations and later to concentration camps which, as already stated, will be located at existing navy yards.

Mare Island Mess Hall.

The contract for constructing an extension to the mess hall at Mare Island, Cal., has been awarded to William Knowles at $14,202.

Emergency Fleet Awards.

The following awards for the construction of vessels have been made by the emergency fleet corporation:

Merrill Stevens Co., Jacksonville, Fla., 12 wooden cargo carrying steamers and 4 steel cargo carrying steamers.

Los Angeles Shipbuilding & Dry Dock Co., Long Beach, Cal., 8 cargo carrying all steel ships.

G. M. Standifer Construction Corp., Northwestern Bank Bldg., Portland, Ore., 10 wooden cargo carrying steamers.

Peninsular Shipbuilding Co., Portland, Ore., 4 wooden cargo vessels.

Sloan Shipyard Corporation, Seattle, Wash., 16 wooden cargo carrying steamers, first vessel January 31, 1918, two in February, four in March, two in April, two in May, two in June and two in July, 1918.

Gray's Harbor Motor Ship Corporation, Aberdeen, Wash., 4 wooden hull, first hull to be delivered January 15, 1918, second February 15, third March 15 and fourth April 15, 1918.

Coast Shipbuilding Co., Portland, Ore., 4 woden hulls, first hull January 1, 1918, second in March, third in May and fourth in July, 1918.

Edw. F. Terry & Henry L. Brittain, 60 Broadway, New York, N. Y., works at Moss Point, Miss., 20 composite cargo carrying steamers complete, first February 1, 1918, and the balance in 10 months thereafter.

Skinner & Eddy Corporation, Seattle, Wash., 6 cargo carrying steamers complete, first two within five months after arrival of keel plates and of the remaining nuuber of steamers the building of the second two shall be commenced immediately after the completion of the first two and delivered 5 months after laying of keel. The remaining two will be commenced immediately after the completion of the second two and delivered 5 months after laying of keel.

LOW BIDDER FOR FORT MacARTHUR HEATING.

SAN PEDRO, Los Angeles Co., Cal.—Barnes & Larrance, Oklahoma, were the lowest bidders at 16,404 for installing gas-fired steam heating system in the new buildings to be erected at Fort MacArthur, San Pedro, for the U. S. Government. The bids were taken under advisement for recommendation to Washington

Mare Island Contract Awarded.

William Knowles Calt Bldg., San Francisco, has been officially awarded the contract for constructing the three story extension to the hospital mess hall at the Mare Island Navy Yard. His bid for the work was $14,202.

PROPOSAL FOR FURNISHING LUMBER.

Bids close June 16th

For furnishing 297,000 feet of lumber.

Location—Fort Mason, Cal.

Owner—United States Government.

Engineer—Depot Quartermaster, Fort Mason, Cal.

Plans on File at Depot Quartermaster.

Contract Awarded.

TACOMA, Wash. The first contract to be awarded in connection with the establishment of the huge army camp at American Lake has been secured by the Barrett Co., of Boston, who will lay out and construct all roads at the new training quarters near Tacoma. The company is now in the market for large quantities of road machinery including scrapers, drags, rollers, etc., and approximately 30,000 tons of crushed rock.

Until the arrival from headquarters of the engineer to be placed in charge of the work, G. S. Turner, local manager of the plant, Seattle, Wash., is making arrangements for starting the work.

HALLS AND SOCIETY BUILDINGS.

Plans Being Prepared.

ALTER LODGE HALL, $10,000.

HANFORD, Kings Co., Cal.

Alter two-story brick lodge hall.

Owners—Masonic Temple Association, Hanford.

Architect—None.

Contract Awarded.

REINFORCED CONCRETE CITY HALL, $9,700.

YREKA, Siskiyou Co., Cal.

One-story and base, reinforced concrete City Hall.

Owners—City of Yreka.

Architect—George C. Sellon, 1005 K street, Sacramento.

Contractor—Charles L. Noel, Yreka.

Contract Awarded

ALTERATIONS. Cost, $3,000

NAPA, Napa Co., Cal. Main street adjoining Elks' Building.

Additions and alterations for banquet hall, shower rooms, etc.

Owner—Schmied Building, B. P. O. E. of Napa, Lessees.

Architect—Not Given.

Contractor—E. W. Doughty, 205 Calistoga Ave., Napa, Cal.

HOSPITALS.

Plans Being Figured. Bids close July 3rd.

CONCRETE, FRAME OR TILE HOSPITAL, $20,000.

YUBA CITY, Sutter Co., Cal.

One-story and base, concrete, frame and plaster or hollow tile hospital

Owners—Sutter County.

Architect—Chester Cole, Waterland Bldg., Chico, Cal.

Plans Prepared and Sent to Washington For Approval.

HOSPITAL WARDS Cost, $65,000

SAN FRANCISCO, Presidio of San Francisco.

Ten one-story frame hospital wards.

Owner—United States Government.

Engineer—Constructing Quartermaster's Office, Fort Mason, S. F.

Each building, 180 by 30 feet.

Plans Being Prepared.

HOSPITAL ADDITION Cost, $

SAN FRANCISCO, Presidio of San Francisco.

Two-story reinforced concrete hospital ward addition to Ward "O" Letterman General Hospital, 74x35 feet with 18 foot veranda.

Owner—United States Government.

Engineer—Constructing Quartermaster's Office, Fort Mason.

SAN FRANCISCO, Cal.—Lighting fixtures for the Pathological building at the San Francisco Hospital has been awarded to the United Light Fixture Co., 1149 Mission street for $305.

SACRAMENTO, Cal.—Plans and specifications, prepared by State Architect George B. McDougall, Sacramento, for additions and repairs to the kitchen at the Stockton State Hospital have been completed and work will be started within sixty days. This work has been estimated to cost $15,000 and is one of the first projects to be undertaken under funds appropriated by the last legislation. Other appropriations alloted the Stockton State Hospital are as follows:

For tubercular cottage	$10,000.00
For X-ray outfit	10,000.00
For continuous bath tubs	1,030.40
For sand and dirt fills	1,000.00
For hospital for distributed patents	45,000.00
Repairs and additions to plumbing	8,000.00
Kitchen and bakery	15,000.00

HOTELS.

Contract Awarded

CLASS "A" ADDITION Cost, $115,000

TUCSON, Ariz. Santa Rita Hotel.

Five-story and basement Class "A" addition to hotel and stores (65 rooms 60 bathrooms)

Owner—L. J. F. Iaeger.

Architect—Wm. Curlett & Son, Merchants' National Bank Bldg., Los Angeles.

Contractor—J. V. McNeil, 531 Wesley Roberts Bldg., Los Angeles.

IRRIGATION PROJECTS

SALINAS, Monterey Co., Cal.—Bids will be received up to June 28th, 2 P. M. by Henry Bardin, Secretary of Reclamation District No. 1665, for the construction of 38 miles of drainage ditches, requiring about 304,800 cubic yards of excavation. Plans may be had from Lou G. Hare, Salinas City Bank Bldg., Salinas, Cal.

SEATTLE, Wash.—Bids are being received until June 12th by the Commissioners of Drainage District No. 6, at the office of their attorneys, Shorett, McLaren & Shorett, New York Block, Seattle, for the construction of a series of drains near Enumclaw, Wash., and which will cost about $10,000. The plans were prepared by C. H. Kiehl, Central Bldg., Seattle, and provide for a system involving 14 miles of ditches and the removal of 120,000 cubic yards of earth.

OLIVE, Orange Co., Cal.—Bids will be received by the Olive and West Orange Protection District, First National Bank of Olive, up to 7:30 P. M. of June 23, for furnishing any portion of the following material: 1750 20-ft. cedar or O. P. piles; 750 25-ft. cedar or O. P. piles; 1890 rods of 58 or 50-in. Ellwood fence; or 58 or 52-in. American fence; 310 rods of 42 or 34-in. Ellwood fence, or 40 or 34-in. American fence; 300 lbs. steel wire galvanized chisel point 1¼-in. fence wire staples; and 16,320 lbs. ⅜-in. galvanized steel wire, part delivered on railroad siding at Orange and balance on railroad siding at Olive. Certified check for 5% required. K. V. Wolfe is secretary.

SACRAMENTO, Cal.—The Knights Landing Ridge Drainage District has contracted with the Western Dredging Company, of San Francisco, for $200,000 worth of dredger work in connection with the improvement of the upper end of the Knights Landing Ridge cut for the purpose of facilitating the draining of the Colusa Basin. The contract price is 6 cents per yard and the dredge moves in and out from the river to the place of operation without expense to the district.

The work will be done under the plans approved by the State Reclamation Board.

LIBRARIES.

Bids Close June 21, 9 P. M.

For furnishing materials and labor in constructing a two-story building to be known as Twenty-third Avenue Branch of the Oakland Free Library.

Location—SW E-15th St. and Foothill Boulevard, Oakland.

Owner—City of Oakland.

Architect—J. J. Donovan, 414 13th St., Oakland.

Certified check of 10% payable to L. W. Cummings, City Clerk of Oakland.

Plans on file at Office of Architect.

RAILROAD CONSTRUCTION AND EQUIPMENT.

Plans Complete.

REINFORCED CONCRETE STATION. Cost, $10,000.

GILROY, Santa Clara Co., Cal.

One-story reinforced concrete passenger station.

Owners—Southern Pacific Co.

Engineer—Engineering Dept., Southern Pacific Co., Flood Bldg., S. F.

SAN BERNARDINO, San Bernardino Co., Cal.—Plans are being made in the Pacific Electric Company's engineer's office, 695 Pacific Electric Building, Los Angeles, for a new shop and car barn to be constructed here for the Electric Railway Co. It will be 80x180 feet, of brick construction with composition or corrugated iron roof.

Bids Close June 15th, 4 P. M.

For the construction of a frame Railway station, proposed to be erect-

ed on the Company's property at Sebastopol, Cal.
Location—Sebastopol, Sonoma Co., California.
Owner—The Petaluma & Santa Rosa Railway Co.
Engineer—W. G. Rennison, In charge of construction, East Washington and Copeland Sts., Petaluma.
Plans on file at Office of Engineer

RESIDENCES.

To Be Done by Day Labor.
FRAME RESIDENCES. $3,500 each.
SAN FRANCISCO, 47th Ave., between Balboa and Cabrillo streets.
Four one-story and base, frame.
Owners—Dawson Co.
Architects—Rousseau & Rousseau, 110 Sutter street, S. F.

Plans Being Prepared.
FRAME RESIDENCE. Cost, $8,000
SAN FRANCISCO, Forest Hill.
Two-story and base frame residence, 7 rooms and baths.
Owner—Mrs. Isabel Jefferson.
Architects—Falch & Knoll, Hearst Bldg., S. F.

To Be Done by Day Labor.
FRAME RESIDENCE. Cost, $2,000
SAN FRANCISCO, north Northwood Drive west Montecito.
One and one-half story and base, frame residence, 26 by 38 feet.
Owner—Edith E. Jackson, 253 14th avenue, S. F.
Architect—George William Kelham, Sharon Bldg., S. F.

Plans Being Prepared.
FRAME RESIDENCE. Cost, $25,000
PIEDMONT, Alameda Co., Cal.
Two-story and base, frame residence, 14 rooms, 3 baths.
Owner—John H. Spohn.
Architect—Albert Farr, Foxcroft Bldg., S. F.

Plans Being Figured.
FRAME RESIDENCE. Cost, $2,500
BERKELEY, Cal., north Los Angeles avenue west Shattuck avenue.
One-story and base, frame residence, 5 rooms.
Owner—Donald P. Wingate.
Architect—W. L. Broderick, 1201 Colusa avenue, Berkeley.

Plans Being Prepared
FRAME & PLASTER RESIDENCE
COST, $
FRESNO, Fresno Co., Cal. Alta Vista Tract.
Eight two-story and basement frame and plaster residences.
Owner—The Pacific Improvement Co., Billings & Meyering, Managers, Fresno, Cal.
Architect—None.

Plans Being Prepared.
FRAME RESIDENCE Cost, $7,000
OAKLAND, Alameda Co., Cal. Lakewood Park.
Two-story frame & plaster residence.
Owner—Hubbard & Hubbard.
Architect—Reynolds & Rosebrook, 19 Bacon Bldg., Oakland.

Bids Being Taken From Selected Contractors.
FRAME & PLASTER RESIDENCE
COST, $
OAK KNOLL, Los Angeles Co., Cal. Arden Road.
Two-story and basement frame and plaster Residence (17 rooms, 7 bath rooms and two-story garage.
Owner—Mrs. Chas. A. Chapin.
Architect—Myron Hunt, 1017 Hibernian Bank Bldg., Los Angeles.

Plans To Be Prepared
HOLLOW TILE RESIDENCE
COST, $100,000 or more
RIVERSIDE, "Bankers Row."
Hollow Tile Residence.
Owner—B. D. Whiteside of the Cresmer Mfg. Co., Riverside, Cal.
Architect—Not Selected.
Contractor—Cresmer Mfg. Co., Riverside, Cal.

Day's Work.
FRAME RESIDENCE Cost, $2750
SAN FRANCISCO, W Plymouth Ave 100 S Grafton.
One-story and basement frame residence.
Owner—Fred Renwanz, 387 Oak St., San Francisco.
Superintendent—Wm. Kerrigan, 5153 Shafter Ave., Oakland, Cal.

SCHOOLS.

Plans Complete.
CONCRETE AND HOLLOW TILE SCHOOL. Cost, $60,000
OROVILLE, Butte Co., Cal.
One and one-half story and base, hollow tile and concrete High School.
Owners—Oroville Union High School District.
Architects—N. W. Sexton & Co., Merchants' National Bank Bldg., S. F.

Plans Being Prepared.
FRAME SCHOOL. $40,000
YOSEMITE VALLEY, Mariposa Co., Cal.
One-story frame and shingle school.
Owners—Yosemite Valley School District.
Architect—Edwin Symmes, Pacific Bldg., S. F.

Plans Being Figured. Bids Close June 23rd at 10 A. M.
BRICK SCHOOL. Cost, $15,000
FORT JONES, Siskiyou Co., Cal.
One-story and base, brick grammar school.
Owners—Siskiyou County Grammar School District.
Architect—Henry H. Smith, Humboldt Bank Bldg., S. F.

Contract Awarded.
BRICK SCHOOL. Cost, $42,500.
LAS VEGAS, Nevada.
One-story and base, brick school, 7 class rooms.
Owners—Las Vegas School District.
Architects—Wilson & Piper, First National Bank Bldg., Los Angeles.
Contractors—Edwards & Wildey Co., Black Bldg., Los Angeles.

EXTENSION OF RETAINING WALL
COST, $
SAN MATEO, San Mateo Co., Cal.
Extension of reinforced concrete retaining wall.
Owner—San Mateo School District.
Architect—Will H. Toepke, 36 Kearny St., San Francisco.

Plans Being Prepared
FRAME ADDITION Cost, $2,000
MOUNT OLIVE SCHOOL DISTRICT
Fresno Co., Cal. East of Reedley
Frame School Addition
Owner—Mount Olive School District
Architects—Swartz & Swartz, Rowell Bldg., Fresno, Cal.

June 4, 1917.
Preliminary Plans Being Prepared.
FRAME ADDITION Cost, $
FRESNO, Fresno Co., Cal.
Two-story frame Addition Class and Executive Rooms.
Owner—St. John's Parish Hall.
Architect—Ernest J. Kump, Rowell Bldg., Fresno, Cal.

Plans Being Prepared
BRICK SCHOOL. Cost, $25,000
CLOVIS, Fresno Co., Cal.
One-story brick (unit type) 6-room School.
Owner—Clovis School District.
Architects—Swartz & Swartz, Rowell Bldg., Fresno, Cal.
(13994) 1st report May 11; 2nd May 31, 1917

Contract Awarded.
FRAME GYMNASIUM Cost, $10,564
SUTTER CITY, Sutter Co., Cal. Union High School Site.
One-story & gallery frame gymnasium and class rooms and a septic tank.
Owner—Sutter Union High School District.
Architect—Chester Cole, Waterland Bldg., Chico, Cal.
Contractor—Barton & Hite, 1218 "L" St., Sacramento, Cal.

SEWERS, STREET WORK & WATER SYSTEMS.

FOLSOM, Sacramento Co., Cal.—The State Board of Health has granted the application of the Folsom Sanitary District, which includes the Town of Folsom, for a sewage disposal permit. The installation of a modern sewage system is proposed by the district.

AUBURN, Placer Co., Cal.—Bids for paving streets in the business section will be opened by the City Trustees June 15th. It is believed the work will cost in the neighborhood of $40,000.

Plans for the work may be had from the City Clerk.

TULARE, Tulare Co., Cal. Bids will be called for at once for constructing the unfinished portion of the State Highway from Visalia to the Kern county line running through Tulare, and totaling about 30 miles.

County Surveyor B. O. Lovelace is also preparing plans and specifications for the section of county highway to be built between Tulare and Goshen, approximately ten miles. Bids will be called for at the June meeting of the Board of Supervisors.

RENO, Nev.—Restoration of from twelve to fourteen thousand feet of paving on the Reno city streets will be immediately [illegible] Company of San Francisco, contractors, have arrived in Reno to take charge of the work.

Cavin expects to go to Carson City where he will superintend the laying of 172,000 feet of street pavement at a cost of $15.50 per square yard.

from the V and T tracks to Sixth Street.

SEATTLE, Wash. Road equipment wanted immediately, in connection with the American Lake Army Encampment Ground near Tacoma. The articles wanted are drags, scrapers, wheel scrapers, steam rollers, teams, trucks, etc. Address B. C., Cr Seattle Daily Bulletin, Seattle, Wash.

SEATTLE, Wash. Bids submitted the Seattle Board of Public Works for the construction of sewers in East 45th street, show Fiorito Bros., Seattle, low on Proposition No. 1 at $44,-949 and the James Construction Co., Seattle low on Proposition No. 2 at $42,946

BERKELEY, Alameda Co., Cal.—A. G. Briggs, City Clerk, will receive bids up to June 15th for the following work:

That Berkeley Way, from Chestnut street to West be graded;

That combination concrete curb and gutter be constructed along the curb lines of said street;

That the remainder of the roadway be paved with a concrete pavement 5-inches thick surfaced with skin coat of asphalt and rock screenings.

That Allston Way from a line 100 feet from the E line of Bonar street, E to the W line of Acton street; West street, from the E extension of the N line of Allston Way, as said Allston Way is located W of West street, S to the W extension of the S line of Allston Way, as said Allston Way is located E of West street, and Acton street from the S line of University avenue S to the N line of Bancroft way, be graded;

That cast iron curb inlets with cast iron frames and gratings be constructed.

Combination concrete curb and gutter be constructed.

That the remainder of the roadway of all the said portions of streets be paved with a concrete pavement 6-inches thick, surfaced with a skin coat of asphalt and rock screenings.

FRESNO, Fresno Co., Cal.—Bids will be received up to June 18th, 5 P. M. by City Clerk W. H. Ryan for the following street improvement:

That Madison avenue from the E line of Fresno avenue to the W line of North Ninth street, be graded, curbed with cement concrete curb, oiled, and culverted with corrugated iron culverts. The grading is to be done on all portions of the street except as noted on the plans and specifications.

Also that artificial stone sidewalks be laid on both sides of Madison avenue, from the E curb line of Fresno avenue to the W curb line of North Ninth street.

STOCKTON, San Joaquin Co., Cal.—The City Council has over-ruled the protests against the improvement of streets in South Stockton and bids will be called for immediately. Plans have already been prepared by the City Engineer, whose estimate on the work is $400,000.

SANTA ROSA, Sonoma Co., Cal.—Herbert B. Slater, City Clerk of Santa Rosa is seeking a market for 75,000 basalt blocks. He has written the San Francisco Chamber of Commerce asking to be placed in touch with prospective buyers.

FRESNO, Fresno Co., Cal. The Pacific Improvement Co., owners of the Alta Vista Tract in East Fresno, have approved plans submitted by their managers in Fresno, Billings & Meyering, for the paving of Huntington Boulevard from First to Twelfth streets at an approximate cost of $65,-000 for the paving and several thousand dollars for other improvements for which plans have been approved.

LOS ANGELES, Los Angeles Co., Cal.—John Sutalo, 911 Sunset Blvd., Los Angeles, was the lowest bidder at $14,393 for the construction of sewers complete in Larchmont boulevard between Temple street and Melrose avenue and in other streets. The other bids were as follows: B. Zaich, $15,-814; R. A. Wattson, $15,950; P. S. Tomich, $16000; Mike Chutuk, $18,818; S. Zarubica, $22,000; Leo Miletich,

LOS ANGELES, Los Angeles Co., Cal.—W. A. Frick and John Ukropina, 440 S-Daly St., Los Angeles, were the lowest bidders at $14,900 for the construction of sewers in Victoria Drive between Sherman Drive and Victoria avenue, and in other streets. The other bids were: S. Zarubica, $16,000; Mike Chutuk, $16,500; Leo Miletich, $19,175.

SAN LEANDRO, Alameda Co., Cal.—Plans have been adopted by the Trusteest and a resolution of intention has been passed providing for the laying of a bitumen pavement on Washington street from Davis to Hepburn and on Hepburn from Washington to East Fourteenth street.

SACRAMENTO, Cal.—June 6, 1917. —No bids were received on June 6th by the Board of Supervisors for highway work on Grand Island and only two bids for the construction of the Marysville Road. For the latter work the Contra Costa Construction Co., 2323 Shattuck avenue, Berkeley, bid $30,013, and M. Blumekranz & Son, Stockton, Bid $33,343. Both bids were taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—The County Supervisors will receive bids up to July 2nd, 11 A. M., for the improvement of Saratoga and Los Gatos roads in Supervisors District No. 5, for the improvement of McLaughlin avenue in Supervisor District No. 2 and for the improvement and construction of the following roads and bridges:

Improvement of San Carlos street, improvement of Montague road in Supervisor District No. 4, improvement of the Lewis road in Supervisor District No. 2, for the construction of a reinforced concrete bridge on Willow street over the Guadalupe creek, to be built by the City of San Jose and the county of Santa Clara jointly, a reinforced concrete bridge on Alviso and Mountain View road in Supervisor District No. 4, for reinforced concrete culverts on San Felipe road in Supervisor District No. 2.

Plans may be had from the County Clerk at San Jose.

SACRAMENTO, Cal. — The Sacramento County Highway Commission, Robt. E. Callahan, Chairman, will receive bids up to June 22nd, 10 A. M., for the grading and installation of bridges and culverts on 1.6 miles of Highway No. 2, "H" Street Road, in accordance with the requirements of Highway Commission Specifications No. 13. E. F. Pfund is County Clerk.

LONG BEACH, Los Angeles Co., Cal. The city commission has ordered the construction of ornamental lighting system on the Walk of a Thousand Lights. The work will include galvanized iron sunbursts, together with rubber covered copper wire, fuses, etc., and sherardided metal conduits. Ord. No. B-323. H. C. Waughop is the City Clerk.

MANHATTAN BEACH, Los Angeles Co., Cal.—Bids will be received by the City Clerk up to 8 P. M. of June 20, for improving Twenty-first street, Twenty-third street, Blanch Road. West Railroad Drive, and other streets, in accordance with plans and specifications which will be available after June 11 at the office of M. M. Murray, City Engineer. The work involves 139,000 square feet 5-inch concrete pavement; 15,232 lin. ft. redwood header, and 108,332 cu. yds. cut, etc. Certified check or bond for 10% required. Llewellyn Price is the City Clerk.

STOCKTON, San Joaquin Co., Cal.—The Stockton City Council has instructed the City Clerk to advertise for bids for the paving of streets in South Stockton. The work will cost in the neighborhood of $400,000. Bids close June 19th.

MARTINEZ, Contra Costa Co., Cal. —Bids will be received by the County Supervisors up to July 2nd, for the construction of a concrete highway between Walnut Creek and Bay Point. The work will cost approximately $15,000 per mile.

This contract will represent divisions 5 and 6 of the system of highways that have been under construction by the county for the past three years.

RICHMOND, Contra Costa Co., Cal. —The City Council is considering the installation of an electrolier system along Macdonald avenue. L. J. Collins of the Pacific Gas & Electric Co., presented plans for various designs for the electroliers but no selection was made. Charles T. Phyllis, electrical engineer, will meet with the Council shortly and discuss the matter. W. L. Picton is Chairman of the Lighting Committee.

MERCED, Merced Co., Cal.—The protests of property owners have been over ruled by the City Trustees and bids for paving several streets in this city have been ordered received up to June 25th.

SAN RAFAEL, Marin Co., Cal.—At the last meeting of the San Rafael City Council the following action was taken relative to street improvements: The City Manager recommended that Irwin street, from the Toll Road to Fourth street, and Third street from B to C street, be surfaced with the Richmondite patent paving. The Council ordered the work done.

The City Manager presented plans and specifications for the improvement of Watt and Villa avenues, West and East streets, West End avenue and Jessup and Harte streets.

REDWOOD CITY, San Mateo Co., Cal.—Only one bid was received by the Redwood City Trustees for the improvement of Sequoia street and portions of Redwood avenue, that of Chas. J. Lingren of Burlingame at $32,866.10 which was slightly $3,000

over the estimate of the City Engineer.

The matter of awarding a contract laid over until July 2nd.

REDWOOD CITY, San Mateo Co., Cal.—The City Trustees have adopted plans for the improvement of Winslow street and bids will probably be called for at their next meeting, July 2nd.

REDWOOD CITY, San Mateo Co., Cal,—City Engineer Dimmitt at the last meeting of the City Trustees presented plans and specifications for the proposed storm water drainage system for the Wellesley Park and Redwod Highlands District. Consideration of the plans was laid over until the next meeting.

Contract Awarded.

MARSHFIELD, Ore.—Moon & Gidley have been awarded the contract for hardsurfacing Central street from Fourth to Fourteenth on their bid of

FRESNO, Fresno Co., Cal.—The City Trustees have awarded a contract to T. J. Hunt for sewering the Sohm's Section Addition, and to the California Road and Street Improvement Co., Holland Bldg., Fresno, for paving Park Boulevard and H street, and to Kaufield and Tompkins, Fresno, for grading and oiling Grant avenue.

BAKERSFIELD, Kern Co., Cal.—The City Council has awarded a contract to Thompson Bros., 1514 "H" St., Fresno, for the improvement of the First Alley S of 19th street lying bet. the W property line of G street and the E line of Spruce street.

LOS ANGELES, Cal.—W. A. Frick and John Ukropina, 440 Dailey street, Los Angeles, have been awarded a contract at $14,900 for the constructio of a sewer in Victoria Park Drive from Sherman Drive to Victoria avenue, and in other streets and rights-of-way.

RICHMOND, Contra Costa Co., Cal.—H. F. Fallon, Richmond, has been awarded the contract for the construction of sewers in the Wenk's Addition on his bid of $980.70.

Other bids were: Fred Meyers, $1,095.40; T. E. Clynch, $1,344.45; Heapy & Tobin, $1,149.50.

The improvement of Forty-seventh avenue bet. Judah street and Kirkham street by the construction of artificial stone sidewalks 6 feet in width; concrete curbs; 2 brick catchbasins with cast iron frames, gratings and traps and 10-inch vitrified, salt-glazed, ironstone pipe culverts; and by the construction of an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof.

Awarded to J. G. Harney, Pacific Bldg., for $6,340.20.

The improvement of Harper street bet. Laidley street and the intersection of Randall street, by the construction of concrete curbs; granite curbs and artificial stone sidewalks; 1 brick catchbasin with 10-inch vitrified, salt-glazed, ironstone pipe culvert and by the construction of a vitrified brick pavement on the roadway thereof.

Awarded to Frank Gallagher for $3,021.90.

The improvement of McKinnon Ave. bet. Railroad avenue and Mendell street, by the construction of concrete curbs; by resetting the existing catchbasins; resetting existing granite curbs; by the construction of 1 brick catchbasin with 10-inch vitrified, salt-glazed, ironstone pipe culvert; an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface on the roadway thereof.

Awarded to Flinn & Treacy, 104 1st National Bank Bldg., for $4,133.55. (15,756-16022-23) 1st report May 24; 3rd May 25, 1917.

WODLAND, Yolo Co., Cal.—The Clark & Henery Construction Co., Ochsner Bldg., Sacramento, has been awarded the contract for the paving of Walnut and Court streets. Other bidders were: Federal Construction Co., San Francisco; A. Teichert & Son, Sacramento, and H. Crummey, Inc., Oakland.

SACRAMENTO, Cal.—The City Commissioners have awarded a contract to J. W. Terrell, 1111 29th street, Sacramento, Cal., for the following work: That Portola Way be improved by constructing an 8-inch vitrified ironstone pipe sewer in the sidewalk space on the N side of said street from a point 10 feet W from the E line of Lot No. 33, in Curtis Oaks, produced, S; thence E along and through said sidewalk space to a point 2 feet W from the W line of Franklin Boulevard thence SE to a manhole in place in the intersection of Portola Way with Franklin Boulevard; constructing 2 concrete manholes complete; placing 10 6-inch vitrified ironstone wye branches on 8-inch sewer; placing 1 6-inch vitrified ironstone flusher branch complete, and backfilling the trench..

STOCKTON, San Joaquin Co., Cal.—F. C. McIntire, 215 E-Weber St., Stockton, has been awarded a contract by the City Council for the construction of sanitary sewers in East street, his bid being lowest at $2,218.30. The only other bidder was John Heafey at $2,762.57. The city engineer's estimate was $2,317.

LOS ANGELES, Cal.—John Sutalo, 476 Bell street, Los Angeles, has been awarded a contract at $14,393 for the construction of a sewer in Larchmount boulevard from Temple street to Melrose avenue and in other streets and rights-of-way.

STORES.

Plans Nearly Complete.
ALTER BRICK STORES. Cost, $20,000
SAN FRANCISCO, 831 Market street.
Alter and add to retail store and install elevator.
Owners—Marks Bros.
Architect—Bernard J. Joseph, Call-Post Bldg., S. F.

Plans Nearly Complete.
ALTER BRICK STORE. Cost, $6,000
SAN FRANCISCO, 825 Market street.
Alter store and install elevator.
Owners—Philadelphia Shoe Co.
Architect—Bernard J. Joseph, Call-Post Bldg., S. F.

Plans Being Figured.
ADD AND ALTER STORE. Cost, $65,000.
SAN FRANCISCO, south Post east Grant avenue.
Add and alter 4 story, Class A department store.
Owners—Edward Barron Estate Co., leased to O'Connor & Moffitt.
Architects—Reid Bros., California Pacific Bldg., S. F.

Plans Nearly Complete.
MILL CONSTRUCTED OFFICES AND WAREHOUSE. Cost not stated.
SAN FRANCISCO, southeast Howard and Fremont streets.
Four-story and base, mill constructed offices and warehouse 137½ by 137½ feet.
Owners—Hills Bros. Co.
Architect—George William Kelham, Sharon Bldg., S. F.

To Be Done by Day Labor.
CLASS C LOFTS. Cost not stated.
SAN FRANCISCO, west Spear street south Mission.
Four-story and base, Class C lofts, 40 by 120 feet.
Owners represented by Hansbrough & Johnson, Monadnock Bldg., S. F.
Architect—None.

THEATRE.

Plans Complete.
ALTER THEATRE. Cost, $6,000
SAN FRANCISCO, south 24th west Noe.
Alter Class A theatre.
Owner—H. Stewart.
Engineer—Emery M. Frasier, Claus Spreckels Bldg., S. F.

PROPOSALS FOR DOCK.

DOCK—Sealed proposals, indorsed "Proposals for Shipbuilding Dock," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. June 25, 1917,** and then and there publicly opened, for a shipbuilding dock at the U. S. navy yard, Puget Sound, Wash. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. F. P. HARRIS, chief of bureau.

PROPOSALS FOR LUMBER.

LUMBER—Office of the Depot Quartermaster, U. S. Army, Fort Mason, San Francisco, Cal.—Sealed bids are wanted until **June 16, 1917,** under circular 12 for furnishing 297,000 feet of lumber. For further information address the depot quartermaster.

PROPOSALS FOR Q. M. SUPPLIES.

SAN FRANCISCO SCHEDULE 11—Office of the Depot Quartermaster, U. S. Army, San Francisco, Cal.—Sealed bids are wanted until **June 18, 1917,** under schedule 11, for furnishing 2,500 pounds ammonia, 72 sheepskin aprons, 1,000 pounds asbestos, 48 axes, 2,400 cans axle grease, 75 ash bags, 60 bellybands, 400 slack barrels, 35,000 pounds grate bars, 30 coal baskets, 600 dry batteries, 144 auger bits, 144 drill bits, 2,400 hacksaw blades, 25 saddle blankets, 285 tin boilers, 100 wash boilers, 40,000 carriage bolts, 6,000 machine bolts, 15,000 stove bolts, 10,000 tire bolts, 288 barrel bolts, 300 bunk bottoms, 20,000 packing boxes, 10,000 do, 48 bit braces, 150 bath bricks, 1,000 fire bricks,

cooking utensils, 600 stable brooms, 300 deck brushes, 36 casting brushes, 60 dusting brushes, 120 hoist brushes, 288 do 24 tube brushes, 72 lettering brushes, 432 marking brushes, 388 whitewash brushes, 696 paint brushes, 320 yards bunting, 12 life buoys, 1,200 galvanized buckets, 288 fire buckets, 72 enamel buckets, 9,000 yards burlap, 25,000 pounds calcium, 1,000 toe calks, 36 berth cans, 200 oil cans, 500 ash cans, 100 garbage cans, 30 soup cans, 4,860 yards canvas, 200 yards carpet, 25 water carriers, 60 barrels Portland cement, 500 halter chains, 400 fire charges, 6,000 lamp chimneys, 576 hose clamps, 3,600 pounds fire clay, 32 clocks, 300 yards enamel cloth, 600 yards cheesecloth, 298 coal hods, 200 harness collars, 144 currycombs, 75 pounds welding compound, 144 cuspidors, 200 gallons japan drier, 30,000 pounds excelsior, 24 cans insect exterminator, 1,200 files, 1,000 electric fittings, 500 pipe fittings, 3,000 do, 50 lantern fonts, 236 lantern forks, 432 gauge glasses, 236 lantern globes, 400 pounds marine glue, 100 pounds graphite, 300 grease cups, 24 tool grinders, 40 gross brass grommets, 50 pounds curled hair, 48 chipping hammers, 196 claw hammers, 288 farriers' hammers, 288 fork handles, 288 assorted handles 216 do, 1,800 mop handles, 144 shovel handles, 90 sets harness, 600 cans harness dressing, 6 sets dump cart harness, 6 sets express harness, 600 gallons harness oil, 4 sets wagonnette harness, 720 strap hinges, 140 garden hoes, 36 holystones, 3,500 feet cotton fire hose, 15,000 feet rubber hose, garden; 1,800 feet rubber water hose, 102 branding irons, 12 wagon jacks, 30 water kegs, 144 farriers' knives, 300 combination lanterns, 288 lantern globes, 144 whip latches, 24 night latches, 2,000 pounds sheet lead, 24 signal lights, 50 barrels lime, 48 chalklines, 200 pairs harness lines, 1,000 repair links, 100 pounds litharge, 24 cabin door locks, 4,800 cans lye, 432 round rubber mats, 72 steel mats, 144 cocoa mates, 200 do, 2,400 cans metal polish, 6 mirrors, 4,000 cotton mops, 25,000 pounds nails, 1,500 needles, 72 hose nozzles, 1,000 nuts, 400 pounds oakum, 1,840 gallons oil, 5,000 gallons linseed oil, a quantity of lubricating oil, 320 yards oilcloth, 250 pounds steam packing, 600 pounds packing, 180 padlocks, 200 collar pads, 720 horseshoe pads, 150 gallons mixed paint, 111,930 pounds paste paints, 80,000 pounds white lead in oil, 30,000 pounds white zinc do, 5 130 pounds dry colors, 6,000 feet wrought iron pipe, 3,600 cakes stove polish, 288 cans furniture polish, 1,500 deck plugs, 12 cans knife powder, 24 nail pullers, 2,500 pounds putty, 10,000 pounds wiping rags, 432 garden rakes, 1,200 rasps, 25,000 pounds manilla rope, 6 000 pounds bolt rope, 500 pounds ratline, 600 pounds spunyarn rope, 900 pounds rope for flag halyards, 3,000 feet steel wire rope, 504 bridle rosettes, 200 pounds gum rubber, 144 handsaws, 1,200 gross wood screws, 200 gallons shellac, 100,000 pounds horseshoes, 15,000 pounds mule shoes, 480 Coston signals, 30 000 pounds salt water soap, 72 gross harness snaps, 500 pounds harness soap, 3,000 pounds soft soap, 2,000 pounds caustic soda, 200 gallons bituminous solution, 100 pounds coarse sponge 1,000 rubber stamps, 420 rubber stoppers, 1,300 pounds box strapping, harness parts; 24 thermometers, 50 cases paper towels, 1,000 gallons turpentine, 2,100 pounds twine, 192 valves, 200 pounds rubber valves, 5,000 pounds whitecototn onbs
white cotton waste, 50 steel wheelbarrows, 700 pounds whiting, 50 pounds copper wire, 100 pounds sizing wire and 144 monkey wrenches. For further information address the depot quartermaster.

NOTICE TO CONTRACTORS.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 25, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefore, to which special reference is made, portions of State highway as follows:

Yolo County, between Blacks and Hershey (III-Yol-7-C) about 10.8 miles in length, to be paved with Portland cement concrete.

Alameda County, between Altamont and Greenville (IV-Ala-5-A), about 3.7 miles in length, to be paved with Portland cement concrete.

Napa County, between Napa and the easterly county boundary (IV-Nap-8-B), about 8.6 miles in length, to be paved with Portland cement concrete.

Monterey County, between Camphora and Chualar (V-Mon-2-C), about 11 miles in length, to be paved with Portland cement concrete.

Tulare County, between Pixley and Tipton (VI-Tul-4-A & B) about 6.4 miles in length to be paved with Portland cement concrete.

Tulare County, between Tipton and Tulare (VI-Tul-4-B), about 9.2 miles in length, to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering rereserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D DARLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS.
Secretary,

Dated; May 28, 1917 (*)

OIL SURFACING, ELECTRICAL WORK, ETC. BIDS WANTED.

OAKLAND, Cal.—Dan W. Pratt, Secretary of the Oakland Board of Education will receive bids up to June 18th, 5 P. M. for furnishing all the materials, labor and workmanship required in connection with each one of the following groups of work (lettered A to K), to-wit:

(A) For the building of eleven (11) or more Portable School buildings.

(B) For the preparing of the Football Field at Oakland Technical High School.

(C) Fences and Sidewalks at the Fremont High School.

(D) Oil Surfacing at the Claremont Shcool.

(E) Oil Surfacing at the Cleveland School.

(F) Oil Surfacing at the Hawthorne School.

(G) Oil Surfacing at the Melrose Heights School.

(H) Oil Surfacing at the Cole School.

(I) Electrical work at the Piedmont School.

(J) Electrical work at the Lincoln School.

(K) Electrical work at the Lafayette School.

Bidders may submit proposals on each group separately.

CITY BIDS OPENED.

Number of Figures Received for Excavating and Grading at Two San Francisco Schools.

Bids were opened at the Friday meeting of the San Francisco Board of Public Works for grading, excavating and paving at the Fairmount and Daniel Webster Schools. A complete list of these bids follows:

Fairmount School (Excavation, Grading and Concrete Work.)

Elmer Carlson—Sum of, $9,750; unit "A," $10.00; "B," $1.00.

W. H. Henning—Sum of, $9,788; unit "A," $0.48; "B," $1.00.

Asphalt Paving, Fairmount School.

H. Crummey—Sum of, $0.10; unit "A," $0.10; "B," $0.10; "C," $0.10; "D," $0.10; "E," $0.10.

Flinn & Treacy—Sum of $5,933; unit "A," $1,400; "B," $2,800; "C," $560; "D," $0.08½; "E," $0.08½.

Eaton & Smith—sum of, $7,320; unit "A," $1,919; "B," $4,075; "C," $450; "D," $0.099; "E," $0.08.

Fencing, Fairmount School.

Rudgear-Merle—$2,246.

Monarch Iron Works—$2,770.

Daniel Webster School, Excavation, Grading, Concrete Work.

Bos & O'Brien—Sum of, $4,867; unit "A," $0.40; "B," $1.60.

Wright & Kohn—Sum of, $7,230; unit "A,"$0.35; ""B," $1.00.

C. L. Wold—Sum of, $7,379; unit "A," $10.00; "B," $1.50.

W. H. Henning Sum of, $7,856; unit "A," $0.48; "B," $0.90.

Asphalt Pavement, Daniel Webster School.

H. Crummey—Sum of, $0.10; "A," $0.10; "B," $0.10; "C," $0.10.

Flinn & Treacy—Sum of, $2,128; "A," $250; "B," $820; "C," $0.08½.

Eaton & Smith—Sum of, $2,884; "A," $730; "B," $2,200; "C," $0.11½.

Fencing, Daniel Webster School.

Rudgear-Merle—$2,150.

Monarch Iron Works—$2,473.

AWARD CONTRACTS FOR MORE PRESIDIO WORK.

Plumbing, Heating, Electric and Sewer Contract Go to Local Firms on Work Out of Fort Mason Quartermaster's Office.

SAN FRANCISCO. The following contracts for construction of a brigade cantonment to be erected under the direction of the Constructing Quartermaster's Office in the Presidio have been awarded:

The Turner Co., 272 Natoma St., electric light system.....$16,664
Scott Co., 243 Minna St., water system $11,135
Owen McHugh, Russ Bldg., sewer system $5,875
Holbrook-Merrill & Stetson, 6th and Bluxome Sts., sinks.....$1,800
Turner Co., 272 Natoma St., urnials and lavatories.....$3,680
Holbrook-Merrill & Stetson, 6th and Bluxome Sts., showers.....$1,032.50
Turner Co., 272 Natoma St., heaters $3,007
California Hydraulic Co., 70 Fremont St., tanks $6,661.50
Conlin & Roberts, 414 Natoma St., chimney tops $3,340
William F. Wilson Co., 328 Mason St., plumbing $8,452
Turner Co., 272 Natoma St., plumbing $6,864
Kiernan & O'Brien, 1756 Mission St., plumbing $8,559
Scott Co., 243 Minna St., plumbing $1,410
F. P. McKeon, 233 Post St., plumbing .....$3,19[illegible]

RECEIVE FIGURES FOR LETTERMAN HOSPITAL.

Construction of an Addition to Bacteriological Ward Attracts a Number of Bidders.

A number of bids were received by the Constructing Quartermaster, Major Fredendahl, at Fort Mason Wednesday morning for the construction of a second story to the bacteriological ward at the Letterman General Hospital in the Presidio of San Francisco. Bids were taken for (1) construction complete as per plans and specifications which provided for concrete construction; (2) complete for hollow tile; (3) unit price per cubic yard for concrete; (4) plumbing complete; (5) electric work complete; (6) lighting fixtures and (7) heating. Following is a complete list of the bids as opened:

General Construction.

J Collins, 120 days (1) $10,298; (2) $10,200; (3) $9.60.

Bos & O'Brien, 120 days (1) $10,957; (2) $10,687; (3) $12.00.

C. L. Wold Co. (1) $16,986; (2) $16,986; (3) $16.00; (4) $1,182; (5) $[illegible] including fixtures; (7) $375.

Grace & Bernieri, 95 days (1) $10,975 (2) $[illegible]; (3) $14.00.

Charles M. Koenig, 80 days (1) $12,815; (2) $12,115; (3) $16.00.

George W. Boxton & Son, 120 days (1) $11,963; (2) $[illegible]; (3) $16.00.

Carnahan & Mulford, 90 days (1) $11,477; (2) $11,205; (3) $15.00.

Harvey A. Klyce, 110 days (1) $12,410; (2) $12,160; (3) $14.41.

A. H. Vogt, 60 days, (1) $10,283; (2) $10,150; (3) $13.00.

Plumbing.

Burnham Plumbing Co.	$ 935
Frank J. Klimm	1,298
Scott Co.	1,182
Alexander Coleman	1 277
William F. Wilson Co.	1,099

Electric Work and Fixtures.

	Elec. Wk	Fxtrs.
Globe Elec. Works	$4,680	$290
McFell Electric Co.	4,740	255
Rex Electric Co.	4,600	200
F. E. Newberry Elec. Co.	4,950	225
Kohlwey-Smith-Alfs Co (electric work and fixtures)	$4,980	
Butte Eng. & Elec. Co. (electric work and fixtures)	5,000	

Heating.

Burnham Plumbing Co.	$355
Scott Co.	375

BIDS RECEIVED FOR COAST GUARD STATION.

(By Special Wire)

WASHINGTON, D. C., June 6th, 1917—Ten sets of figures were opened in the offices of the United States Coast Guard Service for the construction of a frame building known as Station No. 324, located on the Ocean Boulevard at San Francisco. Schroder Bros., 765 Folsom street, San Francisco, presented the lowest bid at $5,800 and will probably be awarded the contract. Following is a complete list of the bids received:

Coast Guard Station.

William Martin	$7,100
Frank Gallagher	7,350
Cederborg & Anderson	7,692
Terranova & Dioguardi	6,595
Schroder Bros.	5,800
Grace & Bernieri	6,814
Harold Johnson	6,098
Fred L. Hansen	6,880
Daniel O'Neill	7,200
Wolf Co.	7,333

BIDS OPENED FOR COUNTY HIGHWAY.

NAPA, Napa Co., Cal., June 7th, 1917.—Three sets of figures were opened by the Board of Supervisors for constructing approximately 4.76 miles of highway connecting at Greenwood Hill with the State Highway and continuing on to the Napa and Solano County lines. The bid of W. J. Schmidt, Cedar and Sacramento Sts., Berkeley, was taken under advisement until Tuesday, June 12th, at 10 A. M. He will probably be awarded the contract. A list of the bids follow:

A. Teichert & Son, Sacramento	$86,000
Worswick Constr. Co., Vallejo	85,000
W. J. Schmidt, Berkeley	68,000

LOW MEN FOR STATE HIGHWAY CONSTRUCTION.

(By Special Wire)

SACRAMENTO, Cal., June 4th, 1917.—Bids opened for highway construction in the following counties show the lowest bidders as follows:

Tulare County, from , southerly boundary to Earlimart (VI-Tul-4-A), about 6.6 miles in length to be paved with Portland cement concrete. M. & R. Co., Inc., Los Angeles, $34,565.70. Engineer's estimate, $30,100.68.

Tulare County, from Earlimart to Pixley (VI-Tul-4-A), about 5.9 miles in length, to be paved with Portland cement concrete. George S. Benson & Sons, Los Angeles, $34,352.20. Engineer's estimate, $29,669.48.

Los Angeles County, from Seeley's Ranch to near Acton (VII-LA-23-D), about 10.6 miles in length, to be paved with Portland cement concrete. Tryon & Brain, Los Angeles, $123,836.45. Engineer's estimate, $102,531.99.

Shasta County from northerly boundary to Hazel Creek (II-Sha-3-D), about 11.2 miles in length, to be graded. Connors-Green & Co., Eureka, $141,001.10. Engineer's estimate, $141,093.96.

AWARDS CONTRACTS FOR EMERGENCY FLEET.

WASHINGTON, D. C.—Awards for constructing vessels for the emergency fleet have been made to the following Pacific Coast Builders:

Los Angeles Shipbuilding & Drydock Co., Long Beach, Cal., eight cargo carrying, all steel ships.

G. M. Standifer Constr. Corp., Northwestern Bank Bldg., Portland, Ore., ten wooden cargo carrying vessels.

Peninsular Shipbuilding Co., Portland, Ore., four wooden cargo carrying vessels.

Sloan Shipbuilding Corp., Seattle, Wash., sixteen wooden cargo carrying vessels.

Gray's Harbor Motor Ship Corp., Aberdeen, Wash., four wooden hulls.

Coast Shipbuilding Co., Portland, Ore., four wooden hulls.

Skinner & Eddy Corp., Seattle, Wash., six cargo carrying steamers complete.

WANT OIL BURNING ATTACHMENT.

Ernest H. Moritz, 1018 Hoe Ave., New York City, is in the market for oil burning attachment for power and heat.

TUNNEL BIDS OPENED.

RED WOOD CITY, San Mateo Co., Cal.—The following bids were received by the County Supervisors for the construction of a water supply tunnel at the County Hospital:

James O'Neill	$1,975
Frank Bryant	2,774

Bryant's bid was returned and the bid of O'Neill laid over until July 2nd, as sufficient funds are not on hand at this time.

ROAD BIDS OPENED.

BELLINGHAM, Wash.—J. A. Miller, Auditor of Whatcom County, reports K. Sauset, Bellingham, Wash., as being low bidder for the paving of the Ferndale-Lynden (River) Road on his bid of $108,202 and he will probably be awarded the contract.

County Engineer Chas. A. Lindberry estimated the cost at $96,300. Job involves 65,300 square yards of [illegible] paving.

For the paving of the Mt. View Road, Sauset also submitted the low bid at $91,150. The work includes 18,700 square yards of [illegible] ing.

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1459	Correa	Sabedra	400
1460	Meyer	Fernandez	1400
1461	Marks	Nelson	500
1462	Bentley	Dounan	1000
1463	Mills Est	Musto	5975
1464	Same	Rudgear	4316
1465	Delle	Wagner	4500
1466	Jackson	Jackson	2000
1467	Zipp	Anderson	2455
1468	Dean	Geary	1000
1469	Piazza	Piazza	2500
1470	Hemminga	Hemminga	5000
1471	Dempniak	Dempniak	2500
1472	Jewell Steel	Wilhelm	6100
1473	White	Anderson	8342
1474	Wymie	Coburn	8900
1475	St. Luke's Ch	Owner	550
1476	Tretten	Horstman	556
1477	Race	Race	500
1478	Law	Law	2000
1479	Randolph	Hadley	7500
1480	Randolph	Stockholm	3720
1481	Same	Hadley	3496
1482	United Cigars	Ellingson	4345
1483	Lundy	Hansbrough	10984
1484	Shorten	Hamill	6100
1485	Redlick	Keneally	1150
1486	O'Brien	Knight	7987
1487	Chalmers	McLelland	6000
1488	Troy	Troy	500
1489	Coffin	Urfer	475
1490	McIvain	McIvain	1800
1491	Lowre	Braunton	800
1492	Stirm	Stirm	990
1493	Laundry	Owner	600
1494	Roundy	Roundy	1500
1495	Roundy	Roundy	1500
1496	Roundy	Roundy	1500
1497	O'Connell	Wagner	500
1498	Realty Bldg.	Swenson	600
1499	Chong Hoy	Brand	550
1500	Cal. Packing Corp.	Bush	1000
1501	Murray	Rednall	2300

FRAME DWELLING
(1459) S HOLLISTER 25 E Hawes. One-story frame store and dwlg.
Owner.....P. Correa.
Architect .....None.
Contractor....L. Sabedra, 246 Vienna, San Francisco.
COST, $400

ALTERATIONS
(1460) NO. 420 EDDY. Alter hotel.
Owner.....Mrs. Emma Meyer, 2026 California, S. F.
Architect .....None.
Contractor....B. T. Fernandez, 420 Eddy, San Francisco.
COST, $1400

ALTERATIONS
(1465) SE COLBY AND SILLIMAN. Grade and underpin for alterations for store.
Owner.....Mrs. L. Marks, 24 Fair Ave., San Francisco,
Architect .....None.
Contractor E. K. Nelson 387 San Jose Ave., San Francisco.
COST, $500

ADDITION
(1462) NO. 3198 PACIFIC AVE. Add to dwelling.
Owner.....C. H. Bentley, Premises.
Architect .....None.
Contractor....T. Dounan, 1477 6th Ave., San Francisco.
COST, $1000

OFFICE BUILDING
(1463) S PINE 182-6 W Sansome W 40xS 137-6. Marble work for five-story and basement reinforced concrete office building.
Owner.....Mills Estate, Inc., Mills Bldg., San Francisco.
Architect .....Benjamin G. McDougall, Sheldon Bldg., S. F.
Supt. .....J. S. Bogart, Mills Bldg., S. F.
Contractor....Jos. Musto Sons-Keenan Co., 535 North Point, S. F.
Filed June 4, '17. Dated May 1, '17.
Bet. 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $5975
Bond, $3000. Surety, The Aetna Accident & Liability Co. Limit, 90 days after notification. Forfeit, not to exceed $100 per day. Plans and specifications, none.

(1464) ORNAMENTAL IRON ON above.
Contractor....Rudgear-Merle Co., Bay and Stockton. S. F.
Filed June 4, '17. Dated May 2, '17.
Payments same as above.....
TOTAL COST, $4316.50
Bond, $2200. Surety, The Aetna Accident & Liability Co. Limit, 90 days after notification. Forfeit, not to exceed $100 per day. Plans and specifications, none.

ALTERATIONS
(1465) SW ELLIS AND POLK. All work for altering and changing 6 (4 room) apartments into 12 2-room apartments in four-story building (Columbia Apartments) .
Owner.....Teresa Bell, 198 Laidley, San Francisco.
Architect .....Geo. Wagner, 251 Kearny, San Francisco.
Contractor....George Wagner, 251 Kearny, San Francisco.
Filed June 4, '17. Dated June —, '17.
Roughing in work done.....$2025
All completed 2025
Usual 35 days..... 500
TOTAL COST, $4500
Bond, $300. Sureties, D. Zelinsky and D. O. Druffel. Limit, 35 days from June 6, 1917. Forfeit, $10. Plans and specifications filed.

FRAME DWELLING
(1466) N NORTHWOOD DRIVE 100 W Montecito. One and one-half-story and basement frame dwelling.
Owner.....Edith E. Jackson, 253 14th Ave., San Francisco.
Architect Geo. W. Kelham, Sharon Bldg., San Francisco.
Day's work. COST, $2000

BRICK GARAGE
(1467) N IVY 110 W Polk. One-story brick garage.
Owner.....Frederick L. Zipp, 137 Fair Oaks, San Francisco.
Architect .....A. L. Worswick, 2nd Floor City Hall, S. F.
Contractor....Anderson & Ringrose, 320 Market, San Francisco.
COST, $2455

REPAIRS
(1468) N EDDY — E Jones. Repair damaged floor.
Owner.....W. E. Dean, Kohl Bldg., San Francisco.
Architect .....Cunningham & Politeo, 1st National Bank Bldg., San Francisco.
Contractor....Geary Floor Co., 110 Jessie, San Francisco.
COST, $1000

FRAME DWELLING
(1469) S PRECITA AVE 30 E Folsom. Two-story and basement frame store and dwelling.
Owner.....John Piazza, NE Precita Ave. and Folsom, S. F.
Architect .....M. J. Welsh, 915 Treat Ave., San Francisco.
Day's work. COST, $2500

FRAME FLATS
(1470) N GROVE 90-8 E Ashbury. Two-story and basement frame (2) flats.
Owner.....Hemminga Bros., Inc., 40 Ashbury, San Francisco.
Architect .....None.
Day's work. COST, $5000

BRICK APARTMENTS
(1471) E JONES 55 N Sutter. Four-story and basement brick (15) apartments.
Owner.....John Dempniak, 1664 Washington, S. F.
Architect .....Rousseau & Rousseau, 110 Sutter, San Francisco.
Day's work. COST, $25,000

FRAME FOUNDRY
(1472) E POTRERO AVE 284-7 S 25th — 302-8 E 220 N 347-8 W 224-6½. Mill, lumber, roofing, glazing, painting, hardware, carpenter work for one-story frame foundry.
Owner.....Jewell Steel & Malleable Co., Premises.
Architect .....Koenig & Christiansen, 914 Humboldt Bank Bldg., San Francisco.
Contractor....A. H. Wilhelm, 180 Jessie, San Francisco.
Filed June 6, '17. Dated June 4, '17.
Frame of center span up.....$1525
Entire frame up..... 1525
Completed and accepted..... 1525
Usual 35 days..... 1525
TOTAL COST, $6100
Bond, none. Limit, 21 days after grading, done. Forfeit, $10. Bonus, $10. Plans and specifications filed.

FRAME RESIDENCE
(1473) E THIRD AVE 95 N Fulton 32x120. All work for two-story and basement frame residence.
Owner.....Helen B. White.
Architect ....Grace Jewett, Holbrook Bldg., San Francisco.
Contractor...Anderson & Johnson, 47A Landers, San Francisco.
Filed June 6, 17. Dated June 4, '17.
Roof on, plumbing and electric work roughed in $1978
Plastering completed 1201
Completed and accepted..... 3077
Usual 35 days, 25%..... 2086
TOTAL COST, $8342
Bond, none. Limit, Sept. 10. Forfeit, $5 per day. Plans and specifications filed.

CLASS "C" BRICK BUILDING
(1474) W THIRD AND PERRY NW 45 SW 80 NW 35 SW 75 SE 80 NE 155 to beg. All work for one-story Class "C" brick building.
Owner.....C. Mezes, Wynne, Mills Bldg., San Francisco.
Architect .....Loring P. Rixford, Sharon Bldg., San Francisco.
Contractor....Chas. Coburn, 180 Jessie, San Francisco.
Filed June 6, '17. Dated June 6, '17.
Every 2 weeks as work progresses 75%
Usual 35 days.....Final
TOTAL COST, $8900
Bond, $4450. Surety, Massachusetts Bonding & Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1475) S CLAY 160 E Van Ness Ave. Minor changes for gymnasium.
Owner.....St. Luke's Church, Prem.
Architect .....M. J. Lyon Co., 404 Lick Bldg., San Francisco.
Day's work. COST, $550

REPAIRS
(1476) NO. 2800 FOLSOM. Repair fire damage.
Owner.....E. L. Tretten. Premises.
Architect .....None.
Contractor....Wm. Horstmeyer Co., 13 Eureka, San Francisco.
COST, $556

REPAIRS
(1477) NO. 134 BARTLETT. Raise and repair dwelling.
Owner.....Coloman Race, 85 Bartlett, San Francisco.
Architect .....None.
Day's work. COST, $500

ALTERATIONS
(1478) MARKET near Third. Construct office fronts in court, relay marble floor.
Owner.....Herbert E. Law, Monadnock Bldg., S. F.
Architect .....J. C. Hladik, Monadnock Bldg., San Francisco.
Day's work. COST, $2000

ADDITION
(1479) N O'FARRELL 50 W Mason. One-story brick addition (3 stores)
Owner.....D. L. Randolph, 467 O'Farrell, San Francisco.
Architect .....Cunningham & Politeo, 1st National Bank Bldg., San Francisco.
Contractor. Chas. B. Hadley, 74 Henry, San Francisco.
COST, $7500

ADDITION
(1480) N O'FARRELL 50 W Mason W 53-1½xN 54-1. Carpenter work, glass, glazing, galvanized iron, hardware, lath, plaster, marble, etc., for one-story addition to one-story brick building.
Owner.....D. L. Randolph.
Architect .....Cunningham & Politeo, 1st National Bank Bldg., San Francisco.
Contractor....Stockholm & Allyn, Monadnock Bldg., S. F.
Filed June 7, '17. Dated June 1, '17.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $3720
Bond, $1860. Surety, New Amsterdam Casualty Co. Limit, 45 days. Forfeit, $5. Plans and specifications filed.

(1481) WRECKING, EXCAVATION, concrete, brick, steel, sidewalk lights, sidewalk door, and granite work on above.
Contractor....Chas. B. Hadley, 74 Henry, San Francisco.
Filed June 7, '17. Dated June 7, '17.
Payments same as above
TOTAL COST, $3490
Bond, $1745. Surety, New Amsterdam Casualty Co. Limit, 30 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(1482) NW TWENTY-SECOND AND Mission. All work for alterations except wiring to store in building.
Owner.....United Cigar Stores Co., 567 Howard, S. F.
Architect .....Earl B. Bertz, 68 Post, San Francisco.
Contractor....E. Ellingson, 110 Jessie, Sa Francisco.
Filed June 7, '17. Dated June 6, '17.
Payments every 15 days of..... 75%
Usutl 35 days..... 25%
TOTAL COST, $4345
Bond, $2200. Sureties, Peter Carlsen and Nils Hagen. Limit, 45 days. Forfeit, $25. Plans and specifications filed.

BRICK GARAGE
(1483) N FREDERICK 151-9 W Stanyan N 71-8¾ W 108-3⅞ S 82-9¾ E 107-9. All work for one-story class "C" brick public garage.
Owner.....Thos. Lundy, 718 Market, San Francisco.
Architect .....Welsh & Carey, Merchants National Bank Bldg., San Francisco.
Contractor....Hansbrough-Johnston Co. Monadnock Bldg., S. F.
Filed June 7, '17. Dated June 4, '17.
Lot filled and brick walls ready for trusses $2746
Roof on, sewer in, floor and ceiling laid in gallery..... 2746
Completed and accepted..... 2746
Usual 35 days 2746
TOTAL COST, $10,984
Bond, $5492. Sureties, Jno. Cassaretto and J. K. Stewart. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1484) W THIRTY-FIFTH AVE 156 S Balboa S 28xW 120. All work except electrical fixtures for two-story and basement frame residence
Owner.....Catherine Shorten, 1865 O'Farrell, S. F.
Architect .....None.
Contractor Thomas Hamill, 4109 Balboa, San Francisco
Filed June 7, '17. Dated June 1, '17.
Rough frame up.....$1525
Brown coated 1525
Completed and accepted..... 1525
Usual 35 days days..... 1525
TOTAL COST, $6100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SHED
(1485) S SEVENTEENTH 57-6 W Capp W 25xS 110. All work for a loading shed.
Owner.....Redlick-Newman Co., 2101 Mission, S. F.
Architect.....None.
Contractor....W. J. Keneally, 1617 Ave., and C. A. Prenzen, San Francisco.
Filed June 8, '17. Dated May 25, 17.
Completed and accepted $575
60 days after 575
TOTAL COST, $1150
Bond, $575. Sureties, C. D. Courtney, J. Mannix. Limit, 14 days after June 5, 1917. Forfeit, none. Specifications only filed.

FLATS
(1486) N NINETEENTH 310 E Dolores E 30xN 100. All work except painting for a two-story and basement frame building (flats.)
Owner.....Marie O'Brien.
Architect.....None.
Contractor....Chester L. Knight, 3662 19th, San Francisco.
Filed June 8, '17. Dated June 7, '17.
Rough outside frame up.....$1996.75
Brown coated 1996.75
Completed 1996.75
Usual 35 days 1996.75
TOTAL COST, $7987
Bond, $3993.50. Sureties, J. P. Bereilles, Emily G. Knight. Limit, 120 days. Forfeit, none. Plans and specifications filed.

MEZZANINE FLOOR
(1487) NO. 1230 VAN NESS AVE Erect mezzanine floor.
Owner.....L. H. Rose Chalmers Co., Premises.
Architect.....None.
Contractor....R. McLelland, 530 12th Ave., S. F.
COST, $600

DWELLING
(1488) SE JENNINGS and Jamestown. One-story and basement frame dwelling.
Owner.....Martin Troy, 1246 Hollister Ave., S. F.
Architect.....None.
Day's work. COST, $500

ALTERATION
(1489) NO. 569-71 GOLDEN GATE Ave. Alteration for shop.
Owner Sarah B. Coffin, Burlingame, Cal.
Architect.....None.
Contractor....Chas. E. Urfer, 555 Pine, San Francisco
COST, $475

DWELLING
(1490) E PLYMOUTH 220 N San Ramon. One-story and basement frame dwelling.

Owner Marcella McIvain, 384 3rd Ave., S. F.
Architect E. J. Spence, S. F.
Contractor W. N. McIvain, 384 3rd Ave., S. F.
COST, $1800

ADDITION
(1491) NO. 3421 SACRAMENTO. Add one story frame in front for store.
Owner C. Lowrie, 3421 Sacramento, San Francisco.
Architect.....None.
Contractor H. Braunton, Builders Exchange, S. F.
COST, $800

EXTENSION
(1492) S CLEMENTINA 127-6 W 6th. Extend shop building.
Owner Sturm & Klenck, 980 Folsom, S. F.
Architect.....None.
Day's work. COST, $990

ALTERATION
(1493) NO. 1108 TURK. Remove brick and erect wood walls.
Owner.....S. F. Laundry, Premises.
Architect.....Edw E. Young 251 Kearny, San Francisco.
Day's work. COST, $600

DWELLING
(1494) NW BURROWS 45 SE Berlin. One-story and basement frame dwelling.
Owner.....Geo. H. Roundy, 995 Market, San Francisco.
Architect.....None.
Day' work. COST, $1500

DWELLING
(1495) NW BURROWS, 70 SE Berlin. One-story and basement frame dwelling.
Owner.....Geo. H. Roundy, 995 Market, San Francisco.
Architect.....None.
Day' work. COST, $1500

DWELLING
(1496) NW BURROWS 95 SE Berlin. One-story and basement frame dwelling.
Owner.....Geo. H. Roundy, 995 Market, San Francisco.
Architect.....None.
Day' work. COST, $1500

REPAIRS
(1497) S O'FARRELL 136½ W Fillmore. Repairs for hotel.
Owner.....John O'Connell, San Jose.
Architect.....W. H. Weeks, 75 Post, San Francisco.
Contractor....Dan Wagner, 180 Jessie, San Francisco.
COST, $500

ERECT PARTITIONS
(1498) NOS. 45-47 MONTGOMERY. Erect partitions.
Owner.....Realty and Rebuilding Co., First National Bank Bldg., S. F.
Architect. None
Contractor....Swenson & Franzen, 145 Natoma, S. F.
COST, $600

ALTERATION
(1499) NE GRANT AVE and Sacramento. Alteration for hotel.
Owner Chong, Hoy & Co., Hotel Republic, S. F.
Architect.....None.
Contractor Brandt & Stevens, 1231 Hearst Bldg., S. F.
COST, $550

STORAGE SHED
(1500) N FRANCISCO 183 E Taylor. Erect tank storage shed.
Owner.....California Packing Corp., 120 Market, S. F.
Engineer.....Philip L. Bush, 120 Market, S. F.
Contractor....Philip L. Bush, 120 Market, S. F.
COST, $1000

ALTERATION
(1501) NO. 2700 SCOTT ST. Alter and add for dwelling.
Owner.....Ida S. Murray, Premises.
Plans by Contractor.
Contractor....W. W. Rednall, 2500 Filbert, S. F.
COST, $2,300

NOTICE OF NON-LIABILITY.

San Francisco County.

June 7, 1917—W JULIAN AVE 250 S 14th S 115xW 100. Leo E Alexander and Michael S Alexander as to improvements on leased property

June 4, 1917—E GRANT AVE 60 S Post S 42-6xE 60. Joseph Musto Estate Co as to improvements on leased property

LEASES.

San Francisco County.

June 7, 1917—NO. 3377 TWENTY-sixth, S line bet. Mission and Howard. Geo. Macrandrias, guardian estate Elias Macrandrais, insane, to Phillippe and Anna Cayssials, 3 yrs, $1,980

June 7, 1917—NOS 119-21 CLAY S line Clay bet. Davis and Drumm. Harriet M. Blackburn to H. C. Long Syrup Co., Inc., 5 yrs, $9,600.

June 9, 1917—W WALNUT 40-8¼ N Jackson N 29xW 67-6. Allen Moyer to Gustav Epstein, 5 years, $8,460.

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED

June 1, 1917—SE MISSION 140 NE Seventh NE 45xSE 85. Somers & Co to C O Smith.....May 19, 1917

June 1, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to Brode Iron Works.....May 31, 1917

June 1, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Brode Iron Works, Inc.....May 31, 1917

June 1, 1917—S KING bet. 4th and 5th 577x69 m or l; N Berry bet. 5th and 6th 850-6x87 m or l; N Berry bet. 4th and 5th 522x84 m or l. Southern Pacific Co to whom it may concern.....May 24, 1917

June 2, 1917—N FAIRMOUNT 112 E Chenery E 30xN 125 Lot 3 Blk 18, Fairmount Tract. Frank and Kate Coghlan to whom it may concern.....May 15, 1917

June 2, 1917—S ALMA 100 W Shrader S parallel with Shrader 100 W 34-7½ N 100-2¾ E 27-10¼. Franklin W Dakin to F E Hooper, May 25; E J Montgomery..May 24, '17

June 4, 1917—NE SACRAMENTO & Webster N 255-4½xE 275. The Board of Trustees of the Leland Stanford Junior University to Concrete Engineering Co.....June 1, 1917

June 4, 1917—N PINE 55 E Franklin E 40xN 137-6. L A Myers to O W Britt.....June 2, 1917

June 4, 1917—N PACIFIC 169 E Buchanan E 37-3xN 127-8¼. Harry P Franklin to J Harold Johnson.....May 29, 1917

June 4, 1917—N PACIFIC 169 E Buchanan E 37-4xN 127-8¼. Harry P Franklin to D Zelinsky & Sons.....May 29, 1917

June 4, 1917—E TWENTY-SIXTH Ave 60-11 S Balboa S 25xE 90. A R Walther to Martin and Hans Nelson.....June 4, 1917

June 4, 1917—E FIFTEENTH AVE 25 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917

June 4, 1917—E FIFTEENTH AVE 50 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917

June 4, 1917—E FIFTEENTH AVE 75 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917

June 4, 1917—E THIRTY-SIXTH AV 210 N Cabrillo N 30xE 120. Jacob Weissbein to Ernest E Dunn.....June 4, 1917

June 6, 1917—NW LARKIN AND Filbert No. 2401-2409 Larkin and No. 2415 Larkin. Chas F Theirbach to Gilley-Schmid Co.....June 6, 1917

June 6, 1917—E SEVENTEENTH AV 275 S Cabrillo S 50xE 120. Geo U Hind to James & Hatch.....June 4, 1917

June 6, 1917—FIFTH AND MARKET SE 275xNE 275. The Lincoln Realty Co to Wright & Kohn.....June 1, 1917

June 6, 1917—SE POST AND HYDE E 68-9xS 87-6. Gerard Invst Co to whom it may concern..June 6, 1917

June 6, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to C Caranza & Bro.....May 25, 1917

June 7, 1917—NW McALLISTER & Central Ave W 31-3xN 100. Jas C Nolan to L Heckenroth..June 1, 1917

June 8, 1917—LOT 3, BLK 3199, Westwood Park. Efren Lloyd to Joseph Neal .....June 6, 1917

June 8, 1917—N CALIFORNIA 107-6 E 21st Ave. Hemminga Bros., Inc., to Hemminga Bros., Inc.....June 7, 1917

June 8, 1917—E TWENTY-SIXTH Ave 85-11 S Balboa S 25xE 90. Harry and Eugenie Paiva to G. Sandberg .....June 4, 1917

June 8, 1917—N TWENTY-THIRD 325 W Hoffman Ave., Lot 177 Heyman Tract. Christian Anderson Russell to J. T. McInnis.....June 4, 1917

June 8, 1917—N JACKSON 34-4¼ W Lyon N 127-8xW 34-4½. D. Dangers to Cleeve Carson & Son.....June 1, 1917

June 8, 1917 N FIFTEENTH ST 180 E Noe E 25xN 115. Muriel Klotz to C. L. Knight....June 6, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

June 1, 1917—NW LEAVENWORTH and O'Farrell W 80xN 25-9. Otis Elevator Co vs F C Keck, P F Reilly, Chas E Reinhart, E C Gaspard & Co and E C Gaspard.....$577.50

June 1, 1917—NW O'FARRELL AND Leavenworth N 25-9xW 80. Petersen-James Co vs F C Keck. $1509.85

June 1, 1917—NE EDDY AND WEBster N 137-6xE 412-6. G W Courtney vs Wm B, Mary E, Jacob C, Sarah K and Mildred P Ketler, Walter R Huff, Geo A Burch, R & Daniel McColgan, Reginald Bell and Eustace Bell and Mary E P Ketler Sheerin $1047.90

June 4, 1917—W GOUGH 60 S Fulton S 27-6xW 87-6. Dan P Dolan vs Demaestri Giacomo and G Christina $27.23

June 4, 1917—E TWELFTH AVE 200 N California N 50xE 120. The California Door Co vs Robert McClelland $189.50

June 4, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Holmes Planing Mill Co vs Robert McLelland $637.98

June 2, 1917—S HUGO 120 W Second Ave W 25xS 110. E A Howard & Co vs H C and J D Bayles.....$82

June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Franklin Street Planing Mill, $119.50; J S Guerin & Co, $144.60; Schwarz & Gottlieb, $44.75; Atlas Heating & Ventilating Co, $154 vs Robt McLelland .....

June 6, 1917—N JACKSON 72-1 W Franklin W 50xN 127-8¼. The Fernald Co, $85.65; Holmes Lime & Cement Co, $231.50; Western Lime & Cement Co, $102.38; Civic Center Supply Co, $72.10; H N McClure, $56.75; Richard Lynch, $500; Holmes Lime & Cement Co, $237.50 vs John Fay and Meyer Wood .....

June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120; E 12th Ave 225 N Cabrillo N 25xE 120. Lewis & Jourdain vs R McLelland $115

June 6, 1917—E TWELFTH AVE 225 N Cabrillo N 25xE 120. Schwarz & Gottlieb, $47.35; Edwin T Peterson, $93.30 vs J S and Robert McLelland .....

June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120. Julius E Back vs Robert McLelland, $37.50; Edwin T Peterson vs J S and Robt McLelland; Same.....$54.05

June 7, 1917—W TWENTY-FIRST Ave 175-3 S Santiago S 25xW 120. Oscar P Thornton vs Annie Warren $25

June 7, 1917—W TWENTY-FIFTH Ave 100 S California S 25 W 100 N 25 E 120. C E Moehrle (as Modern Sheet Metal Works) vs Henry A Lehfeldt $80

June 10, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. The Fernald Co, $85; Holmes Lime & Cement Co, $237.50; Civic Center Supply Co, $72.10; H N McClure, $56.75; Richard Lynch, $229.02; Western Lime & Cement Co, $102.38 vs John Fay and Annie Peyser

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
1100	Oakland	Doell	15095
1101	Barron Est	Healy	11744
1103	Weeks & Day	Sheridan	1794
1104	Rowe	Rowe	750
1108	Albers	Masow	177104
1109	Freiberg	Freiberg	2500
1110	Cutting	Faust	11600
1111	Jurgens	Scarpullo	2000
1112	Medeiros	Kopf	1635
1113	Pacific G & E	Cahill	2552
1116	Tomas	Tomas	500
1117	Bekins	Bekins	2300
1118	Fenford Co	Owner	500
1119	Crosby	Peterson	15766
1120	Raboli	Valperga	7447
1121	Cal Cotton Mls	Owner	700
1122	Lewis	Schmidt	450
1123	Moller	Cuthbertson	3840
1125	Jones Rlty	Glasser	500
1126	Klinkner	Klinkner	550
1127	Brown	Chase	900
1128	Walsh	Walsh	2000
1129	French	Shrader	1422
1131	Albers Bros.	Masow	53371
1132	Albers Bros.	Masow	123643

ALTERATIONS

(1100) TWELFTH AND GROVE, Oakland. Alter plumbing system in High School.

Owner.....City of Oakland.

Architect .....Dickey & Donovan, Perry Bldg., Oakland.

Contractor....Carl T. Doell, 476 21st, Oakland.

COST, $15,095.50

WHARF

(1101) CLINTON BASIN at foot of 5th and 9th avenues, Oakland. All work for wharf.

Owner.....The Edward Barron Estate Co., Holbrook Bldg., San Francisco.

Enginer.....Galloway & Markwart, 1st National Bank Bldg., S. F

Contractor....Healy-Tibbitts Construction Co., 9 Main, S. F.

Filed June 2, '17. Dated May 28, '17. None given.

TOTAL COST, $11,744

Bond, $5,900. Sureties, New Amsterdam Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

1103) PTN PLAT E, Map Partition Blair Ranch, Piedmont. All work for two-story frame dwelling.

Owner.....W. P. Day and Charles Peter Weeks, Phelan Bldg., S. F.

Architect.....Weeks & Day, Phelan Bldg., S. F.

Contractor....Robert E. Sheridan, 387 11th, Oakland.

Filed June 4, '17. Dated June 1, '17.

Roughing in complete	¼
Ready for plaster	¼
Completed and accepted	¼
Usual 35 days	¼

TOTAL COST, $1794

Bond, Sureties, Forfeit, none. Limit, July 15. Plans and specifications filed.

DWELLING

(1104) S SYCAMORE 360 E San Pablo Ave., Oakland. One-story 4-room dwelling.

Owner.....R. D. Rowe, 1003 Market, Oakland.

Architect .....None.

Day's work. COST, $750

MILL AND WAREHOUSE

(1108) KEY ROUTE BASIN, Oakland. Six-story reinforced concrete and mill constructed mill and warehouse.

Own r.....Albers Bros. Milling Co., 332 Pine, San Francisco.

Architect .....Security Bank Bldg., Oakland.

Contractor....Masow & Morrison, Monadnock Bldg., S. F.

COST, $177,014

DWELLING

(1109) N MELROSE AVE 130 W 47th Ave., Oakland. One-story 7-room dwelling.

Owner.....Amanda C. Freiberg, 2176 48th Ave., Oakland.

Architect .....None.

Contractor....Chas. J. Freiberg, 2176 48th Ave., Oakland.

COST, $2500

APARTMENTS

(1110) W BROADWAY 44 N 38th, Oakland. Two-story 20-room apartments and stores.

Owner.....Alice M. Cutting, 148 10th, Oakland.

Architect .....None.

Contractor....A. H. Faust, 148 10th, Okd

COST, $11,600

ADDITION

(1111) NO. 415 TWELFTH, Oakland. Alterations and brick addition for tamale parlor.

Owner.....Chas. Jurgens, 373 13th, Oakland.

Architect .....None.

Contractor....Scarpullo & Digarde, 415 12th, Oakland.

COST, $2000

DWELLING

(1112) SW 30 LOTS 1 AND 2 BLK "I" Briggs Tract, Oakland. One-story 5-room dwelling.

Owner.....A. F. Medeiros, Oakland.

Architect .....None.

Contractor....Ben F. Kopf, 1015 82nd Oakland.

Filed June 4, '17. Dated June 1, '17.

Frame up	¼
Brown coated	¼
Completed and accepted	¼
Usual 35 days	¼

TOTAL COST, $1635

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FOUNDATIONS, ETC.

(1113) BOUNDED ON N BY FIRST, W by Grove, E by Jefferson and S by lands of City of Oakland, Oakland. All work for reinforced concrete boiler foundations and piling.

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.

Architect .....None.

Contractor....John R. Cahill, Edward G. Cahill, H. C. Vensano (as Cahill-Vensano Co.), 116 Sutter, San Francisco.

Filed June 4, '17. Dated May 29, '17.

Completed	[illegible]
Usual 35 days	[illegible]

TOTAL COST, $2552

Bond, $1200. Surety, Massachusetts

Bonding & Insurance Co. Limit, 25 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1116) NO. 422 WOOD, Oakland. Alterations and repairs.
Owner.....Lawrence Tomas, Prem.
Architect.....None.
Day's work. COST, $500

ALTERATIONS
(1117) SW TWENTY-SECOND AND San Pablo Ave., Oakland. Alter reinforced columns.
Owner.....Martin Bekens, Los Angeles.
Architect.....None.
Day's work. COST, $2300

ALTERATIONS
(1118) S THIRD 100 W Chester, Oakland. Alterations.
Owner.....Fenford Co., Inc., 16th & Jefferson, Oakland.
Architect.....None.
Day's work. COST, $500

DWELLING
(1119) NE HIGHLAND AND Wildwood avenues NE 401.99 NW 261.89 W 153.47 NE 77 NE 97 NE 51 NE 99 NW 10.67 SW 113.47 SW 156.30 W 284.56 SE 311.41, Piedmont. All work for two-story and basement 13-room frame dwelling except heating.
Owner.....Idolene H. Crosby, 503 Park Way avenue, Piedmont.
Architect.....John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Contractor....Alfred Peterson, 1201 19th, Oakland.
Filed June 7, '17. Dated June 6, '17.
Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, $15,766.
Bond, $7883. Sureties, H. J. Quinn and Oscar Zeis. Limit, 120 days. Forfeit $5. Plans and specifications filed.

DWELLING
(1120) LOTS 9 AND 10, BLK 12, Mendenhall plan of Town of Livermore, Livermore. All work for two-story and basement brick dwelling.
Owner.....Pasquale and Carlo Raboli, Livermore.
Architect.....H. C. Baumann, 271 Kearny, San Francisco.
Contractor....John Valperga and Paolo Da Re. (Valperga & Da Re.)
Filed June 7, '17. Dated May 29, '17.
2nd floor joists laid.....$1400
Tile roof on 1400
Plastered 1400
Completed and accepted 1400
Usual 35 days 1847
TOTAL COST, $7447
Bond, $3725. Sureties, Chas E. Beck and E. Pronzeni. Limit, 90 days. Forfeit, none. Plans and specifications filed.

POWER HOUSE
(1121) W KENNEDY ST 200 S Railroad avenue, Oakland. One-story brick power house.
Owner.....California Cotton Mills, foot 22nd Ave Oakland.
Architect.....None.
Days work. COST, $700

ALTERATIONS
(1122) NO. 2973 SAN PABLO AVE, Oakland. Alterations.
Owner.....I. C. Lewis, 843 6th Ave., Oakland.
Architect.....None.
Contractor....B. H. Schmidt, 2237 E-19th St., Oakland.
COST, $450

DWELLING
(1123) LOT 21, BLK 1, Map East Piedmont Heights Extension, Oakland. All work for one and one-half story and basement six-room frame dwelling.
Owner.....Frank Delger Moller, Oakland.
Architect.....Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor....Thomas A. Cuthbertson, 2265 Market, S. F.
Filed June 7, '17. Dated June 1, '17.
Frame up, roof sheathed and brick chimney completed.....$ 935
Brown coated 937
Completed and accepted 938
Usual 35 days 1030
TOTAL COST, $3840
Bond, $2000. Sureties, J. H. McCallum and E. O. Benner. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATION
(1125) NW THIRTEENTH AND Franklin streets, Oakland. Alteration.
Owner.....Jones Realty Co., Prem
Architect.....None.
Contractor....Glasser Bros., S. F.
COST, $500

ALTERATION
(1126) SE FIFTY-NINTH and San Pablo, Oakland. Alteration.
Owner.....F. S. Klinkner, Premises.
Architect.....None.
Day's work. COST, $550

ALTERATION
(1127) E LAGUNA AVE 150 N Peralta avenue, Oakland. Alteration and addition.
Owner.....John W. Brown, 2441 Hopkins St., Oakland.
Architect.....None.
Contractor....A. B. Chase, 2022 Damuth, Oakland.
COST, $900

DWELLING
(1128) S FORTY-SECOND ST 150 E Webster, Oakland. One-story five-room dwelling.
Owner.....P. S. Walsh, 495 Rich St., Oakland.
Architect.....None.
Days work. COST, $2000

REPAIRS
(1129) NO. 1518 FOURTH AVE, Oakland. Fire repairs to apartments.
Owner.....W. O. French, Premises.
Architect.....None.
Contractor....J. F. Shrader, 520 16th street, Oakland.
COST, $1422

WAREHOUSE AND DOCK BLDG.
(1131) W END SEVENTH ST in Key Route Basin, Oakland. All work for two-story frame warehouse and dock building.
Owner.....Albers Bros. Milling Co., 332 Pine, S. F.
Architect.....R. M. Henningsen, Security Bank Bldg.,, Oakland.
Contractor....Frank H. Masow and James M. Morrison, Monadnock Bldg., S. F.
Filed June 9, '17. Dated May 28, '17.
1st of each month 75%
36 days after completed and accepted 25%
TOTAL COST, $53,371
Bond, $26,686. Sureties, Guardian Casualty and Guaranty Co. Limit, 60 days. Forfeit, $50. No plans or specifications filed.

(1132) W END SEVENTH in Key Route Basin, Oakland. All work for 6 story reinforced concrete mill building.
Owner.....Albers Bros. Milling Co., 332 Pine, S. F.
Architect.....R. M. Henningsen. Security Bank Bldg., Oakland.
Contractor....Frank H. Masow and James M. Morrison, Monadnock Bldg., S. F.
Filed June 9, '17. Dated May 28, '17.
1st of each month 75%
36 days after completed and accepted 25%
TOTAL COST, $123,643
Bond, $61,862. Sureties, Guardian Casualty and Guaranty Co. Limit, 120 days. Forfeit, $100. No plans or specifications filed.

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
1102	Williamson	Palmer	10000
1105	Jones	Nelson	1000
1106	Bkly Tennis	Whitton	1900
1107	Hall	Fluth	1500
1115	Taylor	Sorensen	765
1124	Pac Gas&Elec	Sheridan	1945
1130	Cornwall	House	4240

STORE AND HOTEL
(1102) W SHATTUCK AVE 70 S University avenue, Berkeley. Concrete, brick work, grading and reinforcing steel for three-story reinforced concrete store and hotel.
Owner.....L. Williamson and W. C. Mason, 645 Colusa avenue, Berkeley.
Architect.....James W. Plachek, Acheson Bldg., Berkeley.
Contractor....Palmer & Peterson, Monadnock Bldg., S. F.
Filed June 4, '17. Dated May 24, '17.
First and 15th each month..... 75%
Usual 35 days 25%
TOTAL COST, $10,000
Bond, $5,000. Sureties, Massachusetts Bonding and Insurance Co. Limit, 40 days. Forfeit, 10. Plans and specifications filed.

ALTERATIONS
(1105) NO. 2222 GROVE, Berkeley. Alterations and additions.
Owner.....W. Jones, Premises.
Architect.....None.

Contractor—H. P. Nelson, 2241 Grove, Berkeley.
COST, $1000

GRAND STAND
(1106) N TUNNEL ROAD 216 E Domingo Ave., Berkeley. Grand stand
Owner .... Berkeley Tennis Club.
Architect .... None.
Contractor....Frederick Whitton, 251 Kearny, San Francisco.
COST, $1900

DWELLING
(1107) S LINCOLN 249 W McGee Ave Berkeley. One-story 5-room dwlg.
Owner.....E. L. Hall, Bay Point.
Architect .....None.
Contractor... J. H. Fluth, 1608 McGee Ave., Berkeley.
COST, $1500

GARAGE
(1115) NO. 1049 MARIPOSA, Berkeley. Concrete garage.
Owner.....— Taylor.
Architect.....None.
Contractor....Walter Sorensen, 3219 Ellis, Berkeley.
COST, $765

GARAGE
(1124) LOTS 17 AND 18, RANGE 11, Map Resubdivision Map Range 11, Hardy Tract, Berkeley. Alter barn to garage.
Owner.....Pacific Gas and Electric Co., 13th and Clay, Oakland.
Architect.....None.
Contractor....Phil Sheridan, 1510 Harmon, Berkeley
Filed June 7, '17. Dated June 4, '17.
Completed 75%
Usual 35 days 25%
TOTAL COST, $1945
Bond, $1,000. Sureties, National Surety Co. Limit, Forfeit, none. Plans and specifications filed.

DWELLING
(1130) W ALVARADO 20 E Tunnel Road, Berkeley. Two-story seven-room dwelling.
Owner.....Mrs. Alys J. Cornwall, Berkeley.
Architect.....Harris Allen, Central Bank Bldg., Oakland.
Contractor....Jacob House, 1807 California St., Berkeley.
COST, $4240

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
1114	Kahl	Siem	482

GARAGE
(1114) NO. 1715 DAYTON AVE., Alameda. Garage.
Owner.....E. A. Kahl, Premises.
Architect .....None.
Contractor....O. Siem, 1530 Park, Alameda.
COST, $482

NOTICE OF NON-RESPONSIBILITY.

June 6, 1917 S TWELFTH ST 175.6 E Broadway E 19.6xS 100, Oakland The Chas. Jurgens Co. as to improvements on leased property

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
The Landregan Tract, Emeryville. Sterling Paint Co. to Sommarstrom Bros.....May 31, 1917
June 1, 1917—LOT 23 Map 2 Central Oakland Tract, Okd. A L White to M P Brasch.....June 1, 1917
June 1, 1917—LOT 16, BLK A, Lakewood Park, Oakland. M. Hollested to whom it may concern .....June 1, 1917
June 2, 1917—LOT 23 BLK 23 Map San Antonio, Okd. A E Wyber to Alex C Wieben.....May 23, 1917
June 2, 1917—W THIRTY-THIRD Ave 115 S E-16th S 36 ——, Okd. Harry V Willcutt to W L Goodwin .....May 28, 1917
June 2, 1917—LOT 5 Map Plot 10, Ptn Hitchcock Tract, Okd. Laura E Leach to Fred H Field..May 24, '17
June 4, 1917—NE 50 LOT 23 AND SW 25 Lot 22, Blk 4, Map Oak Lawn, Oakland. Blanche Harley Strong to Strong Realty Co..... .....May 31, 1917
June 4, 1917—LOT 22, BLK 4, Map Thousand Oaks Station Tract, Berkeley. George Friend to A. H. Pallen .....June 1, 1917
June 6, 1917—NE BROOK 80 E Broadway SE 47.59 NE 125.63 NW 103.82 SW 113.36, Okd. F W Taylor to Sommarstrom Bros....June 6, 1917
June 6, 1917—W UNION 100 N 7th, Oakland. B. Brosin to C. M. Griffin .....June 6, 1917
June 6, 1917—NE BROOK ST., 80 E Broadway SE 47.59 NE 125.63 NW 103.82 SW 113.36, Oakland. F. W. Taylor to Sommarstrom Bros..... .....June 6, 1917.
June 7, 1917—LOT 4, BLK 2, Map Claremont, Berkeley. Blanche C. Whiteside to Jones & McGovern .....June 4, 1917
June 7, 1917—SW FOURTH AND Jackson streets, Oakland. Doak Gas Engine Co. by Chester H. Miller to C. Christenson & Son..... .....June 6, 1917
June 7, 1917—SW E-SEVENteenth St 277.10 NW Nutley Ave NW 33 SW 100, Oakland. John Reining and Laura C. Reining to Lawrence Flagg Hyde..June 7, 1917
June 8, 1917—LOT 20, BLK 19, Map Melrose Heights, Oakland. May L. Zappettini to whom it may concern .....June 6, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
June 7, 1917—S SEVENTH ST 100 E Chester St., E 25xS 100, Oakland. John Vukovick to Lucas and Philip Lourick and M. M. Sago $1,617.49
June 6, 1917—S PARK BLVD 201.34 NE E-28th being Lot 16 and Ptn Lot 17 Map Ardsley Heights, Okd. E W Urch vs C M Peck. .....$1[illegible]
June 8, 1917—LOT 15, BLK F, Map Lakewood Park, Oakland. C. A. Elsenius vs. James J. Grundy $51.63

RELEASE OF LIENS

Alameda County.

May 31, 1917 E 50 LOT 10, Webster Tract, Bkly. Contra Costa Bldg Materials Co, $131.10; C E Forbes, $65 to F W and Georgia T Thaxter
May 31, 1917—PTN LOT 10 Webster Tract, Bkly. Hogan Lumber Co to F W and Georgia T Thaxter..... .....$266.35
May 31, 1917—W ½ LOT 10 Map Webster Tract, Bkly. Hogan Lumber Co to F W and Georgia T Thaxter $72.75

BUILDING CONTRACTS.

Santa Clara County.

NE THIRD AND ST. JAMES STS., San Jose. All work for two-story frame apartment building.
Owner.....Ida Jessie and Mitchell Phillips.
Architect .....Chas. S. McKenzie, Bank of San Jose Bldg., S. J.
Contractor....R. S. K. MacMillen, 153 Duncan, San Francisco.
Filed May 23, '17. Dated May 21, '17.
On 1st and 15th of each month 75%
Usual 35 days.....Balance
TOTAL COST, $30,000
Bond, $15,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 120 days from filing. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS.

San Mateo County.

FOREST VIEW AVE., Burlingame. All work except fixtures for one-story frame garage.
Owner.....Robert Coleman, Burlingame.
Architect .....Howard & White,, S. F.
Contractor....Charles Pedersen, 1824 Barriolhet, Burlingame.
Filed June 2, '17. Dated May 31, '17.
When framed $750.00
When completed 873.75
Usual 35 days..... 541.25
TOTAL COST, $2165.00
Bond, none. Limit, 35 days. Forfeit, none. Plans only filed.

COMPLETION NOTICES.

San Mateo County.

RECORDED ACCEPTED
June 1, 1917—ATHERTON. Carl Raiss to Thomas Elam & Son..... .....May 26, 1917

BUILDING CONTRACTS.

Contra Costa County.

FRAME COTTAGES
COR. RHEEM AND MONTGOMERY Sts., Richmond. Three frame cottages.
Owner.....Fred Speck, 120 11th St., Richmond.
Architect .....None.
Contractor....N. E. Anderson, 611 Barrett Ave., Richmond.
COST, $1700 each

FRAME COTTAGE
S-SEVENTEENTH ST., bet. Virginia & Cutting Blvd., Richmond Frame cottage.

Owner O. F. Curry, 10th & Ohio Sts., Richmond.
Architect None
Contractor J. O. Dahl, 126 Ohio St., Richmond.
COST, $1500

BUILDING CONTRACTS.

Fresno County.

SELMA, Fresno Co. All work for brick warehouse.
Owner California Peach Growers' Association.
Architect Glass & Butner, Republican Bldg., Fresno.
Contractor....E. P. Smith, 1181 Angus St., Fresno.
Filed June 1, '17. Dated May 31, '17.
Monthly payments of 75%
Usual 35 days 25%
TOTAL COST, $12,611
Bond, $6306. Surety, American Surety Co. of New York. Limit, 60 days. Forfeit, none. Plans and specificfiations filed.

TIELMAN SCHOOL DISTRICT. All work for one-story 3-room frame school building.
Owner.....Tielman School District.
Architect .....Swartz & Swartz, Rowell Bldg., Fresno.
Contractor....R. E. Stump, 1625 West St., Fresno & H. C. Bingham.
Filed June 2, '17. Dated May 26, '17.
One-third done $1349
Two-thirds done 1349
Completed 1349
Usual 35 days 1349
TOTAL COST, $5396
Bond, $2700. Sureties, W. M. Plummer and C. W. Bingham. Limit, 90 working days. Forfeit, $10. Plans and specifications filed.

VILLA HOMESTEAD TRACT, FRESNO. All work for two dwellings.
Owner.....C. E. Cornell, 2926 Madison, Fresno.
Architect.....None.
Contractor....Al McNair, 207 Wagner, Fresno.
COST, $1600 each
ALTERATION
NO. 1046 I, Fresno. Alterations, etc.
Owner.....K. H. Nishkian, Orange Ave., Fresno.
Architect.....None.
Contractor....R. E. Stump, 1625 West, Fresno.
COST, $1600

COMPLETION NOTICE.

Fresno County.

June 6, 1917—LOT 28, BLK 30, Fresno. Pacific Gas and Electric Co. to whom it may concern
May 29, 1917
RECORDED ACCEPTED
May 31, 1917—LOT 64 S 17 feet Lot 65 Del Mar Tract, Fresno. Maude M Mardon to whom it may concern .....May 31, 1917

NOTICE OF NON-LIABILITY.

Fresno County.

June 4, 1917 COPPER KING MINE, Fresno. F M Helm as to improvements on leased property

BUILDING CONTRACTS.

Sacramento County.

FLATS
LOT 6, 23- 24-I-J STS., Sacramento. All work for two 4-flat buildings, frame, 16 rooms (51x34.)
Owner.....A. C. Maas.
Architect.....Not stated.
Contractor....W. R. Saunders, 2810 I, Sacramento.
Filed June 2, '17. Dated June 2, '17.
Frame up 25%
Inside plastered 25%
Primed outside 15%
Completed 10%
Usual 35 days 25%
TOTAL COST, $11,025
Bond, $5,600. Sureties, W. R. Saunders, J. A. Saunders. Limit, 4 months after June 11, 1917. Forfeit, none. Plans and specifications filed.

ADDITION
NO. 1014 SEVENTEENTH, Sacramento. Addition.
Owner.....J. Koch, Sacramento.
Architect.....None.
Contractor, Barton & Hite, 1812 L, Sacramento.
COST, $600

COMPLETION NOTICES.

Sacramento County.

RECORDED ACCEPTED
June 1, 1917—W ½ LOT 5, I, J, 7th 8th Sts., Sacramento. S Hornstein to C J Guth.....May 31, 1917

BUILDING CONTRACTS.

San Joaquin County.

DWELLING
LOT 10 BLK 15 Survey 2999, Stockton. All work for dwelling.
Owner.....James F. Campbell, 111 W-Rose St., Stockton.
Architect .....Jos Losekann , San Joaquin Bldg., Stockton.
Contractor....L. S. Peretz, 428 E-Fremont St., Stockton.
Filed May 31, '17. Dated May 31, '17.
Foundation & rough frame up....$900
Ready for plaster..... 500
Ready for inside finish..... 500
Completed 848
TOTAL COST, $2748
Bond, $1374. Sureties, W. C. Ramsey and T. F. Emerson. Limit, 65 days. Forfeit, $5. Plans and specifications filed.
RESIDENCE
VENAL WAY AND SAN JOSE AVE. Yosemite Terrace, Stockton. All work for one and one-half-story residence.
Owner.....Thomas Luke, Cr Sperry Flour Co., Capitol and W-Weber Sts., Stockton.
Architect .....Franklyn E. Warner, San Joaquin Bldg., Stockton.
Contractor....A. J. McPhee, 316 N-California St., Stockton.
Filed May 31, '17. Dated May 29, '17.
Foundations in .....$ 500
Rough frame up..... 1000
Sheathing outside and plaster inside 1000
Inside ready for paint..... 1000
Exterior stucco finished..... 1000
When completed 1464
Usual 35 days..... 1988
TOTAL COST, $7952
Bond, $4000. Sureties, J. H. Winder and J. H. Miller. Limit, 70 days. Forfeit, $10. Plans and specifications filed

LIENS FILED.

Sacramento County.

June 7, 1917—PT OF LOT 4, 6-7-I-J streets, Sacramento. Louis Cereghino & Sons vs. Florence E. Atkinson and Emma Lupen $938.59

NOTICE TO CONTRACTORS.

We are preparing detailed qauntities and engineers estimate of cost on Ward "K" at the Presidio and Islam Temple, San Francisco. The same may be obtained from the Construction Estimators Board, 110 Jessie St.

VALUE OF FARM WOODLOTS EMPHASIZED.

Contrary to general opinion the farm woodlots of the country not only furnish immense amounts of material for local use, but are important sources of supply for timber for the general market, says an expert of the Forest Service in a new publication of the Department of Agriculture, on "The Status and Value of Farm Woodlots in The Eastern United States." Much of the choice hickory, ash, and white oak now in use comes from farm woodlots. Many woodlots contain timber every bit as good as that in the larger tracts and fully as capable of yielding high-grade lumber, if properly sawed and seasoned. Others have large quantities of pulpwood suitable for paper making, low-grade lumber for boxes, bolts for slack and

DIRECT TO YOU
Bath Tubs, Toilets, Basins, Pipe, Fittings, Sundries
ETC.
Sacramento Plumbing Supply Co.
Phone Main 993 515 J. St., Sacramento

tight cooperage, and excellent material for veneer.

In 1909, it is stated, the farmers of the Eastern States alone received from the sale of their woodlot products an average of $81 for each reporting farm, or nearly $170,000,000. This was more than the value of the entire potato crop, nearly double that of the tobacco crop, and more than twice that of the combined barley and rye crops. In that year there were more than 143 million acres of farm woodlots in the Eastern and Central States. This amount was a decrease of about 15 per cent from the figures reported in 1880.

Where agriculture is in the pioneering state, it is pointed out, the sale of wood very often enables the farmer to tide over the first years during which he has not enough land in cultivation to support him. In later years the woodlot furnishes material for use on the farm and if taken care of may prove a valuable source of revenue. As settlement becomes intensive and the value of land advances, there is a tendency for the area devoted to woodlots to decrease. At the same time woodlot products increase in price and the value of the woodlots themselves is more generally recognized.

Because it is a convenient source of firewood and other material, the highest direct value of the woodlot, it is stated, is to the local communities. The farmers use more of the woodlot products than they sell. Much of the material which is sold is consumed in the neighborhood and many small veneer, cooperage, and other woodworking plants derive their entire supply from local woodlots.

It is pointed out that there is every incentive for communities to encourage the development of local woodlots and thereby protect themselves from future timber scarcity and high prices. With proper treatment woodlots can be made to yield a revenue to individual owners, but the nature of the crop is such that ownership of relatively large areas is necessary to insure annual supplies of the various kinds of timber required for local consumption. Community ownership of woodlots, as already practiced by about sixty cities in the country, will oftentimes make available the necessary land. In Europe community forests have long been established and yield good returns on the investment they represent. The Swiss city of Zurich, for example, derives about $20,000 per year from a woodlot of 2,500 acres.

In addition to the actual money returns the trees on the farm have a value for protection and shelter which will often justify their preservation and care. Both livestock and crops benefit by the protection from hot, drying winds afforded by a woodlot, while in winter even a small woodlot will do much toward increasing the comfort of farm life by breaking the force of cold winds and storms.

SAVE THE COAL.

WASHINGTON, D. C. The pound of coal that you, Mr. Citizen, may save today may contain the last gasp of energy necessary to drive a shell home true to the enemy, and spell victory instead of defeat.

The pounds of coal many Mr. Citizens may save today may forge the shells that may decide the war in favor of a world's democracy.

The pounds of coal many Mr. Citizens may save on many days may hasten the end of the war and save thousands of lives.

This is the statement of Francis S. Peabody, Chairman of the National Coal Board, Council of National Defense, in an appeal issued recently to all of the people of the country in an effort to have them conserve in the use of fuel so that there may at all times be a sufficient quantity available for battleships, the munition factories, the railroads, and all enterprises that are making materials for use in the war.

"It is not that we do not have the coal in this country," continued Mr. Peabody. "Perhaps no country in the world is so blessed with such a superabundance, but it is a question of digging it out of the ground fast enough and having prompt deliveries by the railroads at the places where it is most needed.

"The less coal the householder uses, therefore, the more there will be for the essential industries, the men of which in this industrial war are all soldiers as much as the man who wears a uniform and marches to the front.

"But the householder asks where he comes in. In the first place, in many homes throughout the country he can maintain less number of coal fires. He can even shorten the number of hours they are in operation. He can see that gas stoves are turned off as soon as the cooking is over. When the weather is cool, he can carry lower temperatures in his home than he has been accustomed to, unless there is illness in the house. A temperature of sixty degrees instead of seventy is sufficient. Then he can operate fewer gas and electric lights and see that they are turned off when not needed or when he leaves the room.

"And this leads to the suggestion that, if ever there were need for the introduction of the proposed daylight-saving act throughout the country, it is now. Begin work an hour earlier and quit an hour earlier That immediately would take an hour's burden from the street railways, the electric light companies and the electric power companies The 'owl' car would be an hour earlier. People would be sleeping instead of using lights generated by coal. In compact little England, with daylight saving, they have saved 300,000 tons of coal in a year's time.

"In time of war the coal wasted in this manner is 'luxury' coal, and that leads to the thought that Americans are the greatest advertisers in the world with their brilliantly lighted downtown sections of great cities; the mammoth electric advertising signs blazing for miles, and their elaborate 'White Cities,' their Coney Islands and their 'Dreamlands' It is all very well to be up and doing and pushing your product is a big way in peace times, reflecting much enterprise upon American methods of doing business. But in war times doesn't all this tremendous expenditure of energy from coal mean the use of 'luxury' coal which ought to be stopped from a pure spirit of patriotism?

"For the time being, let's save this 'luxury' coal that goes into amusements and extravagances and frivolities. Some American merchants may call this sacrifice, but to my mind it isn't sacrifice at all when we think of the Washington widow whose brave son, member of a United States Navy crew, gave up his life when his vessel was torpedoed by the Germans, the first navy victim of the war. Anyhow, we all have to make sacrifices in times like these, and as soon as the country fully realizes this spirit, that moment we go forward to decisive and prompt victory.

"The largest anthracite operator in the United States expressed himself as entirely puzzled at the present situation of soaring prices in anthracite coal. He knows that the production is as great as it has ever been and can only explain the present situation by saying that it is probably due to the national extravagance of the American householder. Coal, he says, is being stored by over-anxious and selfish people, disturbing the natural movement of this necessary commodity and unduly increasing the price. Not only does it do this, but it is taking the necessary supply away from the industries that need the coal in the manufacture of material essential to the successful prosecution of the war. In this, too, we must be patriotic and unselfish, with the reward that prices will reach a lower level and we will have enough coal for the proper conduct of the war.

"To the manufacturer I would say that it is the time to pay a little more attention to your boiler room and see what your firemen are doing with the coal. Time was in this country that coal was so cheap and entered so little into the cost of manufacture that few cared how the coal was burned. Since that time we have made tremendous progress in the science of combustion, until today, black smoke pouring out of a factory chimney is not a badge of prosperity but a badge of inefficiency and of waste. To get power out of coal you have to burn it, and letting it go up the stack in smoke is not burning it. Any mechanical engineer today can show how."

BONDS AS LIFE INSURANCE.

A. F. Hockenbeamer, Chairman of the Publicity Executive Committee of the Liberty Loan Committee for Twelfth Federal Reserve District, has sent the following statement to the local committee:

"Although I do not wish to belittle the appeal to patriotism, I think we ought also to emphasize the investment and business features of this bond, and it suggestes to me that we should use some of the arguments the life insurance companies use."

"For instance, on the death of a partner you have got to have cash to liquidate the partnership. In the event of a man's death his estate has to have money to settle inheritance taxes. They can sell Government bonds without question, whereas in the case of other securities they might

have to sell them at a loss. A man dies and leaves his family. That is the time when they want money."

"The insurance companies have the point that statistics show that about 80% of the benefits paid to the widow are gone within a couple of years. Why not leave her a good investment? Take my own case. I have some investments in the back of the safe deposit box. They are good, but not so good as a Government bond. I am going to take these bonds out and put Government bonds in their place. I think we ought to drive home this investment feature."

CHAIR BIDS WANTED.

SACRAMENTO, Cal.—City Clerk M. J. Desmond will receive bids up to June 19th, 11 A. M., for furnishing and installing chairs in the Police Court Room of the New Hall of Justice Building in Sacramento. Certified check of 10% payable to City Clerk must accompany each bid. Address City Clerk for blanks and further particulars.

FINAL LEGAL BARRIER TO MUCH NEEDED IMPROVEMENT NOW REMOVED.

By the entry of the order discontinuing the action instituted three years ago to restrain the city of Rochester from awarding the contract for repaving Culver road from East avenue to the Erie Canal bridge **with bitulithic pavement manufactured by Warren Brothers of Boston,** the patentees, the final barrier to the prosecution of this much needed improvement has been removed.

In June of 1914 the Common Council, on the petition of a majority of the property owners residing on Culver road, designated bitulithic as the kind of pavement to be used in repaving that street and directed the publication of a notice asking for bids for laying that type of pavement. A number of bids were received, the lowest of which complied with the specifications being that submitted by Thomas Holahan.

The contract was awarded to Holahan by the Board of Contract and Supply, but before it had been signed Whitmore, Rauber ¾ Vicinus, local contractors, brought a taxpayer's action in the Supreme Court to enjoin the city from executing the contract for the laying of a bitulithic pavement, on the ground that the city authorities had no power under the charter to lay a patented pavement.

The action was tried at Equality Term before Justice Clark, who rendered a decision against the plaintiffs and dismissed their complaint.

The plaintiffs appealed to the Appellate Division and that court after exhaustive argument upheld Justice Clark's decision in favor of the city's right to lay bitulithic pavement. From the order of the Appellate Division the plaintiffs appealed to the Court of Appeals, but before the case could be argued in that court the appeal was on stipulation of all the parties dismissed.

Warren Brothers have expressed to the property owners on Culver road their appreciation of the patience displayed during the protracted litigation and have assured them that they will exercise every care to see that the bitulithic pavement supplied for the work is laid to their satisfaction.

ARE PRICES HIGH?

At prices of a year ago it would have taken 50 bushels of wheat to buy a Liberty Bond; today one can be bought for 25 bushels.

Last year a farmer could build a silo for the price of 800 bushels of corn; today he can build the same one for the price of 400 bushels.

Last year it cost a community the price of 16,000 bushels of wheat to build a mile of permanent highway; today a mile can be built for 8,000 bushels.

Last year a farmer had to raise a thousand bushels of wheat to buy the tractor with which to till his field; this year he can buy two tractors for the same amount.

Everybody should buy a Liberty Bond.

Was there ever a more favorable time to build a silo, to buy a tractor, to build permanent highways?

Now is the time to exchange your farm produce for these necessities.

By doing this capital will be created and placed in circulation. Prosperity will be stimulated, labor kept employed at good wages. The dollar will be kept rolling and more of our citizens enabled to perform their patriotic duty to BUY LIBERTY BONDS.

LET'S BUILD WHILE WE FIGHT.

Americans have a habit of quitting work and crowding around when an accident occurs. The case in point is the world's "accident" in Europe.

We are in danger of losing our heads and stopping work while the conflict is on. This would be a serious happening but, happily, every American can help to prevent it without adding to the noise and confusion of going to war.

The only thing necessary is to go quitely on in attending to our own business.

While our naval and military forces are hastening to the front to destroy agencies and obstacles that seek to impede our growth, it is essential that we redouble our constructive efforts at home.

We can both build and fight and we ought to sieze upon this advantage as the greatest opportunity created by the war.

Let both public and private useful building construction proceed. Production and handling of building materials and public and private construction work are fundamental industries of the country. Any tendency to suspend or postpone building projects is inconsistent with maintaining our prosperity. The country is prosperous. Building investors should not hesitate to go ahead with their plans. Railroads should parc no effort to supply the building industry with the cars needed to transport materials. Government, state, county, and municipal authorities should encourage the continuance of all kinds of building. Road and street improvements in particular should go on unabated. Bad roads and streets are factors of first importance in the present high cost of foodstuffs. Never before was the improvement of highways so essential.

The lumber, brick, cement, lime, sand, gravel, stone, and other building materials industries are basic. Neither Government regulations nor railroad restrictions should be unnecessarily imposed to interfere with them. If any action is taken which results in the prostration of so fundamentally important industries, there is real danger of a surplus of unemployed labor, a surplus of railroad cars and a crippling of business that will seriously embarrass the Government in financing the war.

Let us build while we fight!

Urbana, Illinois, May 28, 1917

In certain districts where feed water for boilers contains sodium hydroxide many boiler troubles have appeared which have given no little concern to boiler users and makers. Such water is found in the central eastern part of Illinois, in the Fox River valley in the northern part of the same state, and in portions of other states.

The Engineering Experiment Station of the University of Illinois has just completed an investigation of this source of boiler distress, and the results are published in Bulletin 94 by S. W. Parr.

It was noted that boilers using feed water containing sodium hydroxide often developed fine cracks radiating from rivet holes or extending from hole to hole. The experiment showed that the effect upon the metal is to cause brittleness which makes it less capable of withstanding steam pressure and temperature changes. Among the remedies suggested is the addition of a salt having properties which cause it to react with the alkali and yield a harmless product.

Copies of Bulletin No. 94 may be obtained gratis by addressing C. R. Richards, Director, Urbana, Illinois.

BETTER SANITATION NEEDED IN RURAL SCHOOLS.

In the interests of efficiency and health there is increasing necessity for the application of scientific medical and sanitary knowledge to the administration of the public schools, in the opinion of the Public Health Service.

In general, the faults observed in rural schools, the annual report of the Service declares, are due to a lack of skilled advice, especially in regard to the location, construction and equipment of school buildings and disregard of sanitary principals governing water supplies, the disposal of sewage, ventilation, temperature, illumination and the arrangement of school desks and blackboards. During the past fiscal year surveys have been made in rural districts of several states and many thousand school children have been examined. These examinations have included thorough testing of the eyes by competent oculists, tests of mental capacity, and the effect of

sanitary environment on school progress, as well as inspections for the customary physical defects.

The conclusion is reached that there is great need for improvement in rural schools and that communities themselves will benefit if conditions are bettered, the schools serving as object lessons for surrounding sections. Conditions in country districts have been found below those in the cities and it is apparent that organized health work has largely been confined to the latter. Considered from a sanitary standpoint alone the Public Health Service is in favor of the consolidation of rural schools, since it must eventually result in the providing of better buildings and the organization of systems of efficient sanitary inspections.

CEMENT FINISHING CONCRETE BUILDINGS.

It is no doubt of great interest to the cement industries to keep pace with the unusual fast development of a comparatively new product known as Mauerene Likwid Sement.

The County of Napa is one of its latest converts. The Hall of Records at Napa, Cal., Corlett & Corlett, Architects, Oakland, is being cement finished on the exterior, directly on the rough concrete walls with Mauerene Likwid Sement.

There are a great many advantages gained by substituting this material for plaster in as much as it is applied over a sprayed application of Mauerene Waterproofing. This insures a perfect waterproorf job, as well as a non-checking, non-cracking and non-staining cement surface.

Mauerene Likwid Sement is a home product. It is manufactured by The Imperial Company of this City and we heartily recommend full investigation of this material by anyone interested in cement finishing buildings.

SACRAMENTO COUNTY PLACES BIG CEMENT CONTRACT.

SACRAMENTO, Cal., May 31st, 1917. — County Purchasing Agent George Vice has placed an order for approximately 4,100 barrels of cement with the Henry Cowell Lime & Cement Co. of San Francisco at $2.10 per barrel. The balance of an order of 175,000 barrels may be given the same firm, the purchasing agent having been authorized to place this contract without the formality of advertising.

KEEP ON BUILDING.

About that improvement you.. are planning,

Why not go ahead with it?

Every reason in the world says you should.

At no period in our history have we been so sure of the future. The eastern world's stomach is feeling the pinch of hunger, and its demands on the products of America's broad acres and American industries are growing with every passing hour. A great market is opening wider and wider. Honest and fair profits in all lines of legitimate effort are certain.

There should be no curtailment in building and road construction. Let both public and private useful construction proceed. Production and handling of building materials and public and private construction work are fundamental industries of the country. Any tendency to suspend or postpone building projects is inconsistent with maintaining our prosperity. The country is prosperous. Building investors should not hesitate to go ahead with their plans. Railroads should spare no effeort to supply the building industry with the cars needed to transport materials. Government, state, county, and municipal authorities should encourage the continuance of all kinds of building. Road and street improvements in particular should go unabated. Bad roads and streets are factors of first importance in the present high cost of foodstuffs. Never before was the improvement of highways so essential.

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The right thing to do is to keep building.

NEW BIDS WANTED AND AWARDS MADE.

At the regular Wednesday meeting of the San Francisco Board of Public Works bids for the electric work on Engine House No. 37, located at 25th and Vermont streets, were rejected. New bids were ordered advertised for and will be opened on June 13th.

At the same meeting contracts on the same building were awarded as follows: Elmer Carlson, general construction, $17,840; E. S. Mulford was allowed to withdraw his bid of $7,102 for the brick and hollow tile work and the contract was awarded to Thomas J. Campbell on his bid of $7,690. J. M. Lettich was awarded the plumbing at $5,747.

Plans for a large amount of street and sewer work were pproved and bids were ordered received.

THERE MUST BE MORE BUSINESS THAN USUAL.

Howard E. Coffin, of the Advisory Commission of the Council of National Defense, says: "No radically new condition confronts us. State activities, road building, public works, private industries, all must go on as before. Business must be increased, labor employed and the country kept going strongly ahead as a successfully economic machine. We must have successful industries if successful tax levies are to be raised."

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Keep on building.

LIBERTY LOAN FACTS NO. III.

The Safest Security in the World.

The United States offers you an opportunity to invest in the safest security in the world, and will pay you 3½ per cent interest on your money.

The estimated wealth of the United States is about 250 billion dollars. Our national debt was a little more than one billion dollars before the break with Germany. Adding to this the two billion dollars, now offered as the Liberty Loan, gives a total national debt of a little over 1 per cent of the total wealth of the country.

The yearly incomes in the United States are estimated at about 40 billion dollars, or over 13 times the total national debt (including the present issue) and about 400 times the annual interest charges on our total debt.

If a man should come to you and want you to lend him $1,000 and you knew he owned property worth $60,000; if you knew that his yearly income was $13,000, and he gave you his note, would you lend him the $1,000?

Will you lend your money to the United States on such a basis?

Subscribe for the Liberty Loan today.

Pile-Driving Tests at Shanghai.

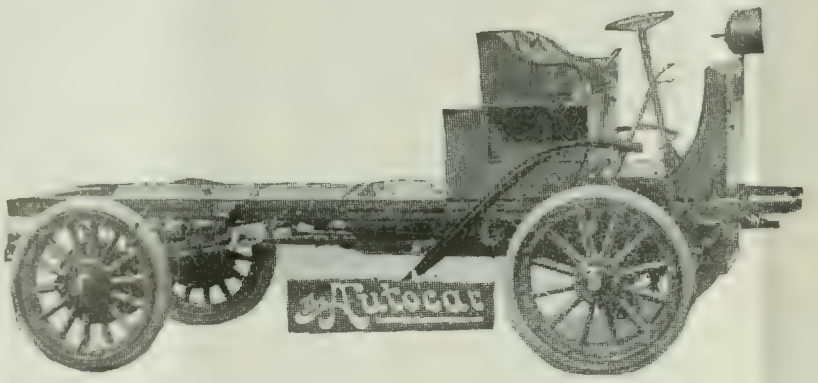
SHANGHAI, China.—For certain definite purposes of bunding investigation, the Hwangpu Conservancy Board at Shanghai, during the past year, has carried out a series of pile-driving tests in the foreshore of the Hwangpu River, thereby obtaining valuable data regarding the supporting capacity of Shanghai ground. The tests were made for one of the customary types

Autocar Sales and Service Company

of California

DIRECT FACTORY BRANCH

138 Fremont St. Phone Sutter 1730



The Autocar Sales and Service Company of California, now of 561 Golden Gate Avenue, have leased the entire building at 138 Fremont Street (a floor space of 24,000 square feet) affording the owners of their machines the opportunity of storing their cars with them. The Company will operate a first-class machine shop, thus giving the owners of Autocar the best possible service.

Mr. Fitts, the Vice-President of the Company, has recently been here from the Eastern Factory, visiting the Pacific Coast Branches.

Among the late sales of the Autocar were 21 cars to the Adams Express Co. for San Francisco and Oakland; 3 to McNab & Smith of this city; 5 additional cars to the Overland Freight and Transfer Co. of this city (making a total of 10 cars for that concern), and numerous others, a list of which you will find on the following page.



Mr. Coal Dealer, if you are thinking of buying a car be sure and inquire about the Autocar before you buy.

Autocar Sales and Service Company

of California

DIRECT FACTORY BRANCH

138 Fremont St. Phone Sutter 1730



TWO YARD DUMP

The Autocar no-wear-out scheme of construction, and the Autocar economy in operation and up-keep, with its speed and delivery, appeals to all owners of Auotcars.

A list of the San Francisco Autocar owners, our references:

Adams Express Co.
Austin, F. C., 309 Davis St.
x Bekins Van & Storage Co., 13th and Mission Sts.
Baldocchi & Son Co., 520 Front St.
x Bulletin, The, 767 Market St.
Ballenger & Son, 107 New Montgomery St.
Consumers Ice Co., 438 8th St.
x Cudahy Packing Co., 55 Union St.
Coughlin Draying Co., 401 Embarcadero.
Cadman & Bender, 407 New Call Bldg. (2 yard Dump)
x Curtis & Co., Wm. A. 400 Front St.
x Empire Express Co., 1536 Haight St.
Excelsior Redwood Co., Burlingame (2 yard Dump.)
x Genazzi & Garzoli, 109 Clay St.
Goetting & Sons, Chas. L., California Market.
x Great Western Power Co., 14 Sansome St.
x Goodyear Tire & Rubber Co., Van Ness Ave.
Gallagher, Wm. J., 623 Grove St.
Hess, F. W., 1120 Mission St.
Holy Cross Cemetery, 1100 Franklin St.
Horstman & Hahn, 264 Sixth St.
Lacabanne, D., 54-A, Carl St.
Los Angeles Soap Co., 250 Front St.
Lundy, A. L., Dried Milk Products, 112 Market St.
Mark Lally Co., 2nd and Tehama Sts.
x Morgan Oyster Co., 614 Third St.
x Martin Camm Co., Sacramento and Drumm Sts.
Mowry Drayage Co., Inc., 67 Second St.
x Meyer & Co., Albert, 137 Steuart St.
x McNab & Smith, 38 Davis St.
Norton, Teller & Co., 233 Front St.
x Ogden Packing Co., 49 Washington St.
x Overland Freight Transfer Co., 217 Front St.
Pacific Coast Paper Co., 545 Mission St.
x Pacific Tel. & Tel Co., 140 New Montgomery St.
Reid, A. W., 888 Mission St.
Red Line Transfer Co., 433 Mason St.
Roma Market, 713 Fillmore St.
x R. B. & S. Special Del. Co., 953 Harrison St.
Sibley Grading & Teaming Co., 284 Dolores St. (2 yard Dump.)
x Stafford & Co., W. G., 234 Steuart St.
x Sturdivant & Co., 423 Fulton St.
Schwartz Ginger Ale Co., 490 Fifth St.
San Francisco Casket Co., 623 Guerrero St.
Speyer Bag Co., 869 Folsom St.
South S. F. Packing & Provision Co., 409 Front St.
x Shasta Water Co., Sixth and Brannan Sts.
Smith & Son, Ed. W., 75 Annie St.
Thompson Bros., Draymen, 544 Howard St.
x Union Transfer Co., Ferry Bldg.
United States Rubber Co., 50 Fremont St.
Underwood & Martin, 4864 California St.
xWorth & Co., C. A., 9 Beale St.
x Walkup, W. G., Draying Co., 59 Main St.
x Young & Swain Baking Co., 2140 O'Farrell St.

TOTALING OVER 100 AUTOCAR TRUCKS

x Indicates Repeat Orders.

If our salesman has failed to call on you and you anticipate purchasing a truck call or send us a card and we will gladly furnish you with the information you require.

Keystone Hotel

54 4th Street, near Market

San Francisco, Cal.



Right down town. Close to the Builders Exchange and General Contractors Ass'n. Accommodations can't be equalled for double the price.

Rooms with private baths, $1.25 per day.

When in Sacramento

STOP AT THE

Capital Hotel

C. JESSE TITUS, Proprietor

Cor. K and SEVENTH STS.

SACRAMENTO, CAL.

DINING ROOM SERVICE UNSURPASSED

RATES REASONABLE

of foundation for harbor work, especially in connection with the construction of wharves. This was concrete piling supported by friction.

The consistency of Shanghai ground is fairly homogeneous for large areas without sudden changes of soil. For that reason the tests may be used as standards on which to base construction figures for projects in Shanghai with foundations of concrete piling.

For other kinds of foundation it will not be necessary to make similarly complete series of tests. A comparison with other types of foundation at only one or two of the test places would give sufficiently reliable figures as to the supporting capacity, settlement, etc.

Tests of Small Structures Too Expensive.

In big building construction it is advisable and advantageous to make loading tests with regard to the foundation, but with smaller structures it is often too burdensome and expensive to make them, and the test work of the Hwangpu board has rendered it unnecessary.

A comparison of the results obtained by the conservancy board with those of other tests that have been made from time to time in Shanghai shows close agreement in regard to the safe loads determined.

Formulas for calculation of the supporting capacity of piles, whether theoretically deduced or empirically formed, seem to nave no exact application to Shanghai soil. The engineer in charge of the conservancy tests tried the three formulas in most common use, and found results deviating by more than 50 cents from the figures found in his loading tests. This enhances the usefulness as standards of the tests made

HOW TO SELL A BUILDING

—or the output of a planing mill—now to sell cement, lime, asphalt shingles, building brick—in short, the most successful selling methods used in the distribution of building materials and their use in construction will be discussed at the World's Salesmanship Congress in Detriot, June 10-14. Every reader of The Daily Pacific Builder ought to know more about selling. We are all good manufacturers or good architects or good builders' but a great many of us are mighty poor salesmen. The selling end if our business is too often overlooked. Here is an opportunity to sit at the feet of the greatest salesmen of America from every department of commerce and industry. And for the special benefit of the readers of this journal there has been organized a

Special Departmental Session on "Salesmanship in the Building Field"

The contractor and builder, the dealer in lime, clay pipe, brick, cement, plaster, etc., the manufacture of concrete blocks, the engineer and the architect—all these will profit by the special session which will be packed full of definite, peppery, inspiring selling ideas. A partial list of the speakers follows:

J. P. Beck, General Manager, Portland Cement Association.

E. K. Cormack, National Councilor, National Builders & Supply Assn.

Leonard C. Watson, President, Aberthaw Construction Co., Bsoton.

Charles Warner, President, Charles Warner Co., Wilmington, Del.

H. P. Bope, Vice-President and General Manager of Sales, Mgr. of Sales, Carnegie Steel Co.

J. P. H. Perry, Vice-President, Turner Construction Co., New York City.

W. P. Anderson, President, Ferro-Concrete Construction Co., Cincinnati.

R. A. Plumb, General Director, Trus-Con Laboratories, Detroit.

W. M. Kinney, Engineer, Promotion Dept., Universal Portland Cement Co.

Send in the coupon so we'll know you are coming. Additional information will then be sent to you.

World's Salesmanship Congress, Detroit, June 10-14.
D. M. Barrett, Secretary-Manager
World's Salesmanship Congress,
Kresge Bldg., Detroit, Michigan
I expect to attend the Congress

Name .....

Address .....

.....

IRRIGATION BONDS FOR CHILE.

The Director General of the Division of Accounts of Chile has been authorized by the Executive to issue bonds amounting to 1,000,000 pesos (about $365,000) to finance the irrigation works provided for by law of December 9, 1914.

Building & Engineering News

10 Cents Per Copy
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Seventeenth Year. No. 25

Publication Office,
500 Mission St.

San Francisco, Cal., June 20, 1917

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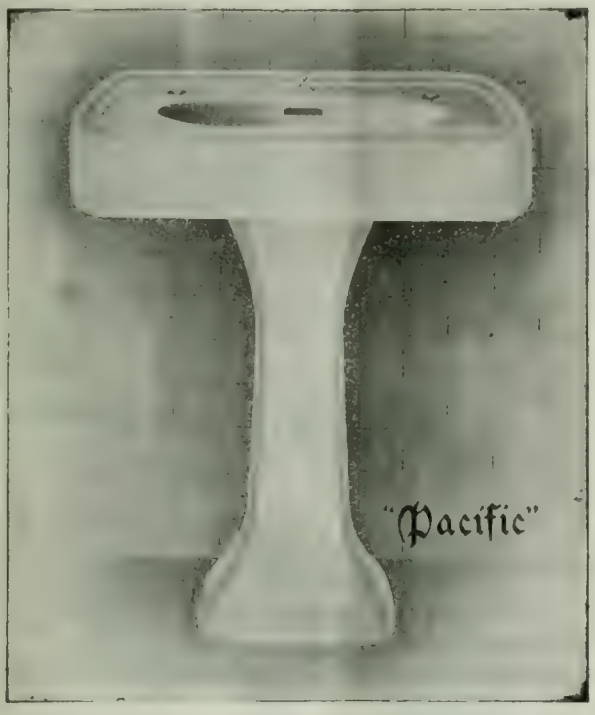
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*9:00A	Sacramento, Bay Point, Pittsburg, Dixon, Chico, Woodland. Carries Parlor Observation Car.
9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
5:15P	Pittsburg, Concord, Danville and Way Stations, except Sundays and Holidays.
8:00P	Sacramento, Pittsburg, Dixon. Woodland and Way Stations.

* Connections made at Mallard for Walnut Grove, Ryde, Isleton, and Rio Vista by Lauritzen Transportation Co Boats.

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Hunter, R. J., expert cabinet maker, 2156 Telegraph Ave.; dealer in mahogany, antique and all kinds of furniture; repairs and polishing: Telephone Oakland 2735.

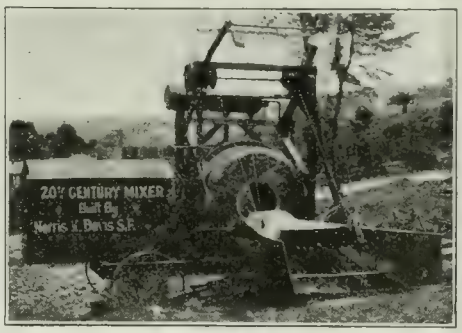
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

Issued Weekly, $3.00 per year | San Francisco, Cal. June 20, 1917 | Seventeenth Year, No. 26



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SAN FRANCISCO OFFICE
500 Mission Street.
Telephone—Douglas 2372.

BUILDING OPERATIONS FOR MAY.

The building permits, issued in 113 principal cities of the United States for May, were about two-thirds the aggregate estimated cost of those issued in May, 1916. The official figures as received by the "Daily Pacific Builder," the California Development Board and the "American Contractor," total $75,478,731, against $114,636,431 for May last year, a decrease of 34 per cent.

It looks like a distressing shrinkage of building operations. In a sense, it is. But there are "mitigating circumstances." There is hope for the future. In groping about for comparisons, it is peculiarly appropriate to compare present conditions with those which followed the opening of the war, nearly three years ago. There was then the same drop in new construction work. The comparative loss was small in August, 1914, but increased to 32 per cent in September, and reached a maximum of 41 per cent in December, 1914. Then the tide turned, and in December, 1915, the building permits increased 84 per cent over those of the previous December. Increases in volume, accompanied by climbing costs of materials, continued the rule from that time on until the United States entered the war. The prospective builder who held up his plans when the war broke out discovered a year later that he would have been much better off if he had gone right on with the work. In other words, God hates a quitter, and usually gives material evidence of his displeasure.

The future is no clearer, so far as conditions to develop in the construction world are concerned, than they were nearly three years ago, but if comparisons are valuable the deduction to be made now is so obvious that any one can make it.

There is another point that deserves attention in this connection. It is that the actual construction work of the present has not decreased. The figures of building and engineering work for May, based on contracts actually closed, published in last week's issue of the "American Contractor," showed an increase of 20 per cent over May, 1916. The building permits, as tabulated in the present article, relate partly to future business. There is abundance of opportunity for the wise ones to change the prospective trend. The detailed statement follows:

City	May, 1917 Cost.	May, 1916 Cost.
Akron	$ 1,689,940	$ 921,527
Allentown	170,582	452,640
Altoona	55,789	111,740
Atlanta	373,171	386,585
Atlantic City	105,687	202,056
Baltimore	583,042	356,077
Bayonne	37,493	232,955
Berkeley	110,000	154,100
Binghampton	130,034	134,235
Boston	5,859,000	5,969,000
Bridgeport	514,025	562,468
Brockton	62,899	256,905
Buffalo	892,000	1,155,000
Canton	441,190	396,850
Cedar Rapids	144,000	170,000
Charlotte	96,465	28,350
Chattanooga	72.155	446,416
Chicago	6,552,800	13,707,100
Cincinnati	2,363,730	1,043,345
Cleveland	3,185,500	2,688,080
Colorado Spr's	31,125	37,269
Columbus	500,310	1,030,650
Dallas	415,335	337,488
Davenport	194,913	86,418
Denver	290,940	443,400
Detroit	4,191,935	5,146,945
Des Moines	1,256,047	971,694
Dubuque	40 820	106,625
Duluth	278,762	7,272,845
East Orange	215,075	137,486
East St. Louis	71,260	88,155
Elizabeth	118,934	203,658
Eureka	11,110	
Erie	855,176	214,800
Evansville	77,047	127,175
Fresno	171,700	86,241
Ft. Wayne	255,541	796,225
Ft. Worth	265,701	146,132
Grand Rapids	245,804	253,970
Harrisburg	103,930	142,845
Hartford	535,934	1,118,240
Dayton	514,183	441,251
Hoboken	43,913	24,640
Holyoke	45,075	304,945
Huntington	181,035	104,351
Indianapolis	640,198	860,030
Jacksonville	150,677	213,307
Kansas City, K.	196,670	57,866
Kansas City, M.	1,252,020	1,220,900
Lawrence	67,305	77,900
Lincoln	142,180	278,310
Los Angeles	782,651	1,379,691
Louisville	136,310	342,620
Manchester	58,168	166,623
Memphis	240,175	279,535
Milwaukee	1,263,870	1,109,131
Minneapolis	917,750	3,055,800
Newark	1,131,920	815,368
New Bedford	842,825	1,209,900
New Britain	159,120	107,832
New Haven	261,902	489,320
New Orleans	295,845	420,190
New York City:		
Manhattan	2,744,845	18,346,772
Bronx	1,468,783	2,359,470
Brooklyn	2,533,929	5,140,611
Queens	781,095	2,369,803
Richmond	244,464	299,765
Total	7,773,116	28,516,421
Niagara Falls	193,314	108,952
Norfolk	230,590	118,225
Oakland	465,430	414,407
Oklahoma City.	310,567	171,940
Omaha	1,008,787	961,240
Pasadena	111,614	154,851
Passaic	670,125	234,515
Paterson	169,694	281,073
Peoria	72,921	186,050
Philadelphia	3,558,355	4,791,255
Pittsburgh	1,433,432	1,120,675
Portland Me.	82,948	143,820
Pueblo	214,264	33,624
Quincy	101,064	217,116
Reading	71,875	206,675
Richmond, Va.	1,021,095	471,471
Richmond, Cal	48,844	50,356
Rochester	746,171	982,216
Sacramento	121,959	158,815
Saginaw	36,480	49,435
Salem	49,862	93,215
Salt Lake City.	329,410	396,754
San Diego	63,125	302,310
San Francisco	2,968,509	1,897,470
San Jose	160,416	30,309
Savannah	64,925	111,469
Scranton	280,543	148,827
Seattle	1,014,070	504,365
Sioux City	809,167	173,460
South Bend	189,653	187,260
Spokane	476,310	139,305
Springfield, Ill.	89,535	207,760
Springfield, M.	495,140	1,158,215
St. Joseph	81,563	63,945
St. Louis	1,039,241	988,540
St. Paul	1,389,604	1,360,322
Stockton	106,869	81,220
Superior	75,125	54,749
Tacoma	117,549	88,815
Tampa	66,989	275,455
Terre Haute	27,875	164,752
Toledo	706,560	1,275,117
Topeka	87,155	223,815
Trenton	160,332	242,021
Troy	66,590	81,064
Utica	165,395	258,590
Washington	1,805,200	1,304,363
Wichita	191,685	307,625
Wilkes-Barre	18,205	173,741
Wilmington	178,363	433,936
Worcester	310,527	871,102
Youngstown	474,805	559,200
Total	$75,478,731	$114,636,431

IRRIGATION PUMPS FOR SALE.

The Mimbres Produce Co., Deming, New Mexico, is seeking a market for used irrigation pumps and engines.

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

Plans Being Figured.
BRICK APARTMENTS Cost, $ -
SEATTLE, Wash. Fourth Ave. N and Denny Way.
Three-story and basement brick (32) apartments, 60X120.
Owner—Rutherford Byrne.
Architect—B. Dudley Stuart, Securities Bldg., Seattle.
NOTE:—Separate bids are being received for heating, plumbing and electric work.

Construction to Start Shortly.
CLASS "C" APARTMENTS
COST, $
LOS ANGELES, Cal. Green Street near Eighth Street.
Four-story and basement Class "C" Apartment House (33 apartments of 3, 4 and 5 rooms) .
Owner—E. K. Green Estate.
Architect -Mayberry & Parker, 472 Pacific Electric Bldg., Los Angeles
Superintendent Robert H. Walker, 333 South Hill St., Los Angeles.
Marble entrance, rug brick facing, composition roofing, fire escapes, hardwood and pine trim, wall beds, steam heat and elevators.

Plans Being Prepared.
FRAME APARTMENTS Cost, $10,000
SANTA MARIA, Santa Barbara Co., Cal.
Two-story and basement frame apartments (8 apartments of 2 and 3 rooms)
Owner—Not Given.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Segregated Figures Being Taken.
APARTMENT HOUSE. Cost, $15,000
SAN FRANCISCO, east Larkin north Jackson street.
Three-story and base, frame.
Owner—Name not given.
Architects—Rousseau & Rousseau, 110 Sutter street, San Francisco.

Plans Being Figured.
APARTMENT HOUSE. Cost, $7,500
SAN FRANCISCO, northeast Clay and Presidio avenue.
Alter three-story frame flats into six apartments.
Owners—Metropolis Investment Co.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Revised.
APARTMENT HOUSE. Cost not stated.
SAN FRANCISCO, Ocean Boulevard.
Three-story frame apartment house.
Owner—John Drumond.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Being Prepared.
FRAME APARTMENTS Cost, $30,000
OAKLAND, Alameda Co., Cal. 60th St.
Two-story frame apartments (24 2 and 3-room apartments) .
Owner—Withheld.
Architect G. L. Rosebrook, No. 4 Bacon Block, Oakland.

Architect Taking Sub Bids.
FRAME APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. 4th St. near Grove.
Two-story frame apartments.
Owner—Hubbard & Hubbard.
Architect—G. L. Rosebrook, No. 4 Bacon Blk., Oakland.

BANKS.

BANK & OFFICE BUILDING.
COST, $76,000
OXNARD, Ventura Co., Cal. Fifth and "A" Streets.
Two-story Class "A" and "C" Bank and Office Building, 65x100.
Owner—1st National Bank of Oxnard.
Architect—Albert C. Martin, 430 Higgins Bldg., Los Angeles, Cal.
Separate bids are being taken on the general contract, plumbing, heating, wiring, marble and tile work, ornamental iron, and interior plastering and fixtures for the banking room.
Concrete foundation, steel structural work for the first story, concrete second floor slab, brick and terra cotta walls, terra cotta exterior finish, composition roofing, tile and marble in banking room, steam heating plant, storage vaults, pine and hardwood trim.

BONDS.

SAUSALITO, Marin Co., Cal.—A bond election will be called shortly by the Trustees to vote bonds of $10,000 with which to finance construction of a town hall.

FILLMORE, Ventura Co., Cal.—An election will be held in the Bardsdale school district, Ventura County, to vote on an issue of bonds in the sum of $15,000 for the building of a school structure and providing equipment for same. D. H. Bartels, Omar Hudson, and J. D. Baldeschweiter are the Trustees.

SAN DIEGO, Cal.—The firm of Spitze, Rorick & Co., of Toledo, Ohio, the successful bidders for the $682,000 Lower Otay dam bonds, has rejected the issue on the grounds of irregularities.

BRIDGES AND DAMS.

SANTA ANA, Orange Co., Cal.—The Board of Supervisors has instructed the county purchasing agent to proceed with the purchase of lumber, steel and hardware to be used in the reconstruction of the bridge at Yorba, washed out in January. The bridge will be 440 feet long, with 40-ft. spans, and will be built on concrete piers. The county surveyor prepared the plans.

NEWPORT BEACH, Orange Co., Cal.—If the recommendation of the consulting engineers, Leeds & Barnard, is adopted by the Board of Trustees of Newport Beach, the contract for the construction of a rubble mound jetty at Newport Harbor will be awarded to Ledbetter & Co., 651 Pacific Electric Bldg., Los Angeles, at approximately $107,000.

TACOMA, Wash.—Bids will be received by the Pierce County Commissioners until June 30th, for the construction of a Strauss Trunnion Bascale bridge or a Scherzer Rolling Lift Bridge with trestle approaches, piers and fenders on Lincoln avenue over Hylebos Creek Waterway.

BIDS CLOSE JUNE 23RD, 11 A. M.
For furnishing materials and reconstructing Pier No. 46, on the waterfront of the City and County of San Francisco.

The materials to be used in this work shall consist of the requisite quantities of rails and creosoted piles, Douglas fir lumber, redwood lumber, cedar lumber, castings, structural steel, rods, bolts, and spikes, all of which will be furnished to the contractor by the Board.

Location—San Francisco waterfront.
Owner—State of California.
Chief Engineer—Frank G. White of the State Board of Harbor Commissioners, Ferry Bldg., S. F.
Certified check of 5% payable to Secretary of the State Board of Harbor Commissioners.
Plans on file at Office of Chief Engineer, Ferry Bldg., San Francisco.

RICHMOND, Contra Costa Co., Cal.—City Clerk A. C. Faris will receive bids up to June 25th, 8 P. M., for the construction of riprap on the Clay Bulkhead on the northern arm of the Inner Harbor of the City of Richmond.

Plans for the work were prepared by Engineer P. A. Haviland of the engineering firm of Haviland & Tibbetts, Alaska Commercial Bldg., San Francisco, and from which office contractors may secure plans upon a deposit of $5.00.

MADERA, Madera Co., Cal.—The Trustees of Madera have asked the Supervisors to co-operate with them in repairing the Lane's Bridge. At present the structure is in need of immediate repairs. The matter was laid over by the Supervisors until June 21st when a decision will be given.

SOUTH BEND, Wash.—Bids will be received by the Pacific County Commissioners, Chas. S. B. Henry, county engineer, until July 6th for the clearing, grading, draining and paving a mile of the National Park Highway from Frances westerly and for the construction of two Howe Truss spans, one 80 feet long with approaches

across the Salmon River east of Nasel and one 60 feet long across the same river four miles east of Nasel.

MERCED, Merced Co., Cal. The County Surveyor has been instructed to prepare plans for the construction of a bridge over the Merced River to replace the old Chedister bridge and which will be known as the Milliken bridge. Plans were also ordered for a new bridge on the Le Grand-Cathey valley road.

SALEM, Ore. Bids for the proposed $200,000 inter county bridge to be built between Salem and Polk counties have been completed and bids will be called shortly. Plans, which were prepared under the direction of the department, of which C. H. Purcell is engineer and L. W. Metzger designing engineer, provide for a high level steel structure.

There will be three contracts; substructure, superstructure and approaches and will be awarded separate. The Pratt trusses will be four in number each to be 152 feet, together with one 111-ft. and one 155-ft. span.

There will be six river piers. Plans provide for 260 ft. of concrete approach on the east end and 780 ft. of trestle approach on the west end. The timber deck will be paved and provides for a 24-ft. roadway with two 5-ft. sidewalks.

WILLOWS, Glenn Co., Cal.—Bids will be received by County Clerk W. H. Sale up to July 2nd, 2 P. M., for the construction of a reinforced concrete bridge to be known as the Sprague Bridge on the Butte City-Chico Road in Road District No. 5. Bids were received on this work some time ago but were rejected. Plans have been revised since that time.

Certified check of 10% payable to Chairman of the Board of Supervisors.

Plans Being Figured. Bids Close July 2 at 11 A. M.
BRIDGE. Cost not stated.
RIO VISTA, Solano and Sacramento Counties.
Steel bascule bridge.
Owners—Sacramento and Solano Counties.
Engineers—County Surveyors, Solano and Sacramento Counties.

Contract Awarded.

OLYMPIA, Wash.—The contract for the construction of a steel and concrete bridge on the Pacific Highway at Nisqually has been awarded to W. J. Murphy of Tacoma, at $28,440.

SANTA ROSA, Sonoma Co., Cal.—The Supervisors of Marin and Sonoma Counties have awarded a contract to W. L. Proctor of Santa Rosa at $9,309.-40 for the construction of a bridge across the San Antonio Creek. Other bidders were:

Gildersleeve Construction Co., Napa, $9,932.

Call Construction Co., Santa Rosa, $9,493.

B. E. Albers, Santa Rosa, $10 505.

N Forni, Santa Rosa, $13,000.

C. H. & A. W. Gorrill, San Francisco, $12,200.

EUREKA, Humboldt Co., Cal.—The County Supervisors have accepted the bid of G. M. Moore for the construction of a draw bridge across Mad River Slough at $2,325.

CHURCHES.

Plans Being Figured.
CONCRETE CHURCH. Cost, $35,000
LIVERMORE, Cal.
Two-story reinforced concrete church.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—G. E. McCrea, 1st National Bank Bldg., Oakland.

Plans Being Revised.
MAUSOLEUM. Cost, $
POMONA. Pomona Cemetery.
Reinforced concrete Mausoleum.
Owner—Pomona Cemetery Assn.
Architect—Paul Higgs, 1st National Bank Bldg., Pomona, Cal.

Contract Awarded.
CHURCH Cost, $34,000
HOLLYWOOD, Los Angeles Co., Cal.
Selma and Las Palmas Aves.
Brick and plaster church, 84x152.
Owner—Hollywood Baptist Church.
Architect—Marsh & Howard, 214 Broadway Central Bldg., Los Angeles,
Contractor—E. Fossler, 6434 Hollywood Blvd., Los Angeles.

It will contain a main auditorium to seat about 1000 people, Sunday School auditorium which will accommodate 500, and which can be connected with the main auditorium, twenty-two class rooms, pastor's study, social rooms, kitchen department, etc. Brick walls, cement plaster exterior finish, staff ornamentation, composition roofing, art glass panels, hardwood interior finish, hot air heating system. The plumbing, painting and fixtures will be let under separate contract.

FACTORIES AND WAREHOUSES.

STOCKTON, San Joaquin Co., Cal.—The Schrader Iron Works, 124 Harrison street, San Francisco, has been awarded the contract for furnishing an installing 19 iron gates at the Island Transportation Company's warehouse, at $1.290. The only other bidders were: Stockton Tool Works, $1,620.90 and Builders' Iron Works.

PORTLAND, Ore.—Chas. F. Swigert, head of the Pacific Bridge Co., of Portland, announces that plans are now in the hands of the Foundation Company, a large firm of New York engineers, for the erection of a large shipbuilding plant to be erected at Portland. The plant will be equipped for 16 vessels at one time and plans will provide for a saw mill, machine shops and fitting-out docks.

The Warren Engineering & Construction Co., has incorporated at Warrenton, Oregon, with a capital stock of $700,000 and will immediately construct two ship yards with six ways each. One will be built in South Portland at the foot of Wood street.

The Pacific Marine Iron Works, Portland, has incorporated for $125,000 and will immediately start construction of a plant on the block bounded by Salmon, E. Main, E. Water and the river. Contracts have already been secured to construct boilers valued at $800,000.

Plans being Figured. Bids close June 25th.
SHIPBUILDING DOCK. Cost, $500,000
BREMERTON, Wash. Bremerton Navy Yard.
Shipbuilding Dock.
Owner—U. S. Government.
Architect—Bureau of Yards & Docks Washington, D. C.

NOTE: Plans may be had from the Bureau of Yards and Docks or from the Commandant at the Navy Yard, Bremerton, Wash.

Plans Being Prepared.
SHIPBUILDING PLANT Cost, $
SEATTLE, Wash. On the West Waterway bet. Iowa and Idaho streets.
Shipbuilding Plant.
Owner—Elliott Bay Shipbuilding Co., Seattle, Wash.
Naval Architect—L. H. Coolidge, 66 West Marion St., Seattle, Wash.

Provision is to be made for five ship sheds, each 300x72 feet, and 80 feet high.

Other buildings to be constructed include a two-story 50x180 feet building to house the band mill, joiner shops and mold loft; a 28x122 ft. tool room, 22x38 ft. paint shed, 50x120 ft. warehouse, 60x118 ft. machine shop, 50x120 ft. foundry and three buildings each 28x50 ft., to house air compressors, iron storage, and a blacksmith shop.

Plans Being Prepared
PACKING PLANT Cost, $——
LOS ANGELES. Near Santa Susana.
One-story and basement hollow tile packing plant, 80x148.
Owner—Patterson Ranch Co.
Architect—Alfred F. Priest, 615 Fay Bldg., Los Angeles.

Contract Awarded.

EVAPORATING PLANT Cost, $30,000
SALEM, Oregon.
One-story concrete and mill evaporating plant 52x100.
Owner—Wittenburg-King Evaporating Plant, Salem, Oregon.
Architect—Sutton & Whitney, Lewis Bldg., Portland, Ore.
Contractor—Parker & Banfield, Portland, Ore.

NOTE:—This is the first unit to be constructed. The entire plant will cost, $150,000.

Plans Being Figured.
WAREHOUSE ADDITION. Cost not stated.
SAN FRANCISCO. Third and Townsend streets.
Two-story Class C addition to warehouse.
Owner—Name not given.
Architect—Sylvain Schnaittacher, 233 Post street, San Francisco.

Plans Being Figured.
DRYING HOUSE. Cost not stated.
BENICIA, Solano Co., Cal.
Five-story brick drying house, 85 by 115 feet.
Owners—Kullman-Salz Co., Wells-Fargo Express Co. Bldg., San Francisco.
Architect—Alfred Henry Jacobs, 110 Sutter street, San Francisco.

FIRE HOUSES AND JAILS

Plans Being Prepared
CONCRETE JAIL. Cost, $40,000
EL CENTRO, Imperial Co., Cal.
Reinforced concrete jail.
Owner—City of El Centro
Architect—Samuel B. [illegible], El Centro, Cal.

FLATS.

Plan Being Figured
FRAME STORE & FLAT. Cost $3,000
SAN FRANCISCO. S Corner of 16th Avenue
Two-story and basement frame store and flat.
Owner—Miss C. Dyer.
Architect—J. C. Bladik, Monadnock Bldg., San Francisco.

GARAGE.

Plans Being Figured
GARAGE AND STORES. Cost $20,000
ANTIOCH, Contra Costa Co., Cal.
One-story brick garage and stores, 100x100.
Owner—Not Given.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Exterior Finish, brick; Floors, cement and O. P.; Interior Finish, R. W.; Marble, wainscoting; Patent store Fronts; Roof, T. & G.; Tanks, steel; Tile, glazed and terra cotta

Plans Being Figured.
GARAGE. Cost, $20,000
SAN FRANCISCO, north Ellis street east Polk.
One-story and base, brick and reinforced concrete garage, 92½ by 120 feet.
Owner—Lily O'Connor et al.
Architects—O'Brien Bros., 240 Montgomery street, San Francisco.

Plans Being Prepared.
GARAGE. Cost, $4,000
SACRAMENTO, Cal., 1712 "K" street.
One-story frame garage.
Owner—W. J. McMorry, 6121 17th street, Sacramento.
Architect—A. Willoner, 403 21st street, Sacramento.

Plans Being Prepared.
BRICK GARAGE Cost, $8,000
OAKLAND, Alameda Co., Cal. Near 40th and Piedmont Ave.
One-story brick garage.
Owner—Withheld.
Architect G. L. Rosebrook, No. 4 Bacon Bldg., Oakland.

GOVERNMENT WORK & SUPPLIES.

SAN FRANCISCO, Cal.—A war contract has been awarded to the Pacific Porcelain Ware Co., 67 New Montgomery street, for the manufacture of 4,200 pieces of earthenware. The contract consists of 2,100 toilets and 2,100 tanks. The destination of shipment is kept secret upon government orders.

SAN FRANCISCO—Neils Schultz, 419 21st Ave., has been awarded contracts for constructing latrines at Fort Winfield Scott and at Fort Berry. The work is underway at the present time. The same contractor has also secured contracts for six barracks buildings at Fort Scott and Fort Berry. The Turner Co. is doing the plumbing on these buildings.

Under the direction of Quartermaster Major Grant, general headquarters, Fort Scott, several additional frame barracks will be erected at once. Construction will be of frame. Some of the work will be done by soldier labor.

WASHINGTON, D. C.—The Hurley-Mason Co. of Tacoma, has been awarded the contract for the construction of the National Army Cantonment at American Lake, Washington. The work will be done on a percentage basis adopted for all Cantonments.

New Navy Bonding Schedule.

The paymaster general of the Navy has issued the following notice in connection with bonds required on Navy Department contracts:

The future policy with reference to the requirements of bonds from contractors will be as follows:

Contracts up to $50,000	25%
Contracts from $50,000 to $100,000	20%
Contracts from $100,00 to $150,000	15%
Contracts over $150,000	10%

This is a departure from the past requirement of 25 per cent in each case; but, owing to the large contracts now being made and the fact that such contracts are generally with firms of known reputation and standing, it is not considered necessary to require bonds for such contracts is excess of the newly adopted schedule.

This does not apply in the case of checks, as the law specifically provided that when proposals are accompanied by certified check such check shall be 25 per cent of the amount of the bid.

Mare Island Riprap Work.

The contract for riprapping at the naval station, Mare Island, Cal., has been awarded to M. I. Daniel Construction Co., of San Francisco.

Cody, Wyo., Post Office.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction complete of the U. S. post office at Cody, Wyo.:

Charles Weitz Sons, Des Moines, Iowa, $49,950.

Johnson Construction Co., Fargo, N. D., limestone, $67,750; sandstone, $67,990.

J. H. Weise, Omaha, Neb., $56,760.

Army Signal Corps, Tent Hangars.

The following awards have been made by the chief signal officer, U. S. Army, Washington, D. C., for furnishing airplane canvas tent hangars under proposal 975:

Carnie-Goudie Mfg. Co., Kansas City, Mo., for 77 tent hangars at $553 ea; delivery July 2.

W. H. Hoegee & Co. (Inc.), Los Angeles, Cal., for 12 tent hangars at $550 each.

Muehleisin Tent and Awning Co., San Diego, Cal., for 20 hangars at $691 each.

There will probably be more awards made under this circular within a few weeks.

Shipbuilding Cranes, Puget Sound.

The bid of the McMyler Interstate Co., $230,727, in amount, has been accepted for furnishing shipbuilding cranes at the navy yard, Puget Sound, Wash.

U. S. Coast Guard Cutters.

The only bid received by the captain commandant, U. S. Coast Guard, Washington, D. C., for from two to five steel single screw vessels, 240 feet long, was that of the California Shipbuilding Company, Long Beach, Cal., at cost of labor and material plus 15 per cent for three vessels. Time to complete, 18 months.

Cody, Wyo., Post Office.

All bids received by the supervising architect, Washington, D. C., recently for constructing the U. S. post office at Cody, Wyo., have been rejected as excessive.

HALLS AND SOCIETY BUILDINGS.

Plans Being Figured.
BRICK LODGE HALL Cost, $25,000
MODESTO, Stanislaus Co., Cal. SE "J" and 15th Streets.
Two-story and basement brick Lodge Hall, 50x108.
Owner—Modesto Masonic Hall Ass'n.
Architect—John Davis Hatch, Associated with Wm. A. Newman, David Hewes Bldg., San Francisco

Construction to Start Shortly.
ALTERATIONS Cost, $10,000
HANFORD, Kings Co., Cal.
Alterations and additions to Lodge Hall.
Owner—Masonic Hall Association of Hanford, Cal.
Architect—A. Merrill Bowser, Hanford, Cal.
The work will consist of re-plastering, a hydraulic elevator, low pressure heating system, enlarging banquet hall, etc.
The building matters have been placed in the hands of J. C. Stewart, A. J. Young, and F. J. Hummel.

To Be Done By Day Labor
MOUNTAIN LODGE, ETC. Cost, $——
LAKE TAHOE, Placer Co., Cal.
Frame mountain lodge, log cabin, boat house, garage and servants' house.
Owner—Mrs. James Hobart Moore, Santa Barbara, Cal.
Architect—Myron Hunt, 1017 Hibernian Bldg., Los Angeles.
Superintendent—Mat Green, Tahoe, Cal.
The project will also include a power plant and the construction of a pier 300 feet in length.

Plans Being Figured.
LODGE HALL AND STORES. Cost not stated.
YREKA.
Two-story and base, brick and concrete, 75 by 102 feet.
Owners—Siskiyou Masonic Hall Association.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

HOSPITALS.

BIDS CLOSE JULY 3D AT 10 A. M.
For one-story frame addition.
Location—near Salinas, Monterey Co., Cal.
Owner—Monterey County.
Engineer—County Surveyor, Salinas.
Plans on file at County Clerk's Office

Plans Ready for Figures About July 1st.
HOSPITAL Cost, $50,000
GOLETA, Santa Barbara Co., Cal.
Concrete and hollow tile hospital, 40 x151 with two wings, 70x47.
Owner—Santa Barbara County.

Architect Roland E. Sauter, 338 San Marcos Bldg., Santa Barbara, Cal. Cement plaster exterior. Sewage disposal will be by septic tank.

Plans Being Completed.
HOSPITAL ROOMS. Cost not stated.
SAN FRANCISCO, northeast Hyde and Bush streets.
Owners—St. Francis Hospital Association.
Architect—Alfred L. Coffey, Humboldt Bank Bldg., San Francisco.

SAN BERNARDINO, Cal.—Bids will be received by the Board of Supervisors of San Bernardino County up to 11 A. M. of July 2, 1917, for the various parts of the equipment and machinery work, or other subcontracts for the new county hospital buildings being erected near San Bernardino, in accordance with plans and specifications on file with the Clerk of the Board of Supervisors and with the architect, Lyman Farwell, 615 Story Building, Los Angeles, as follows: (1) Kitchen equipment; (2) Bakery equipment; (3) Laundry equipment; (4) Sterilizer equipment; (5) Disinfector equipment; (6) Refrigeration plant; (7) Vacuum cleaning plant; (8) X-ray plant; (9) Cabinet and special finish work; (10) Linoleum flooring; (11) Entrance grounds concrete and brick work; (12) Driveway, drainage, pumps and piping; (13) Electric lighting fixtures; and (14) Window shades. All bids must be submitted on forms to be obtained from the architect. Certified or cashier's check for ten per cent required. L. R. Patty is the Clerk of the Board.

HOTELS.

Plans Being Prepared.
FRAME HOTEL Cost, $10,000
CALISTOGA, Napa Co., Cal.
Two-story frame hotel.
Owner—Withheld.
Architect—James W. Plachek, Acheson Bldg., Berkeley.

IRRIGATION PROJECTS

SANTA ROSA, Sonoma Co., Cal.—The Directors of the Bellevue-Wilfred Drainage District have asked the Supervisors to co-operate with them in the construction of a drainage system by assisting in the placing of roadways into shape. Bonds of $20,000 were recently voted by the District to finance the necessary improvements.

MARYSVILLE, Yuba Co., Cal.—After a conference with landowners in Districts 1500 and 1660 at Sacramento, the Reclamation Board decided to go ahead with the work of building the east levee of the east by-pass from Nelson bend to the south levee of District 1 and from the west levee of District 1, at the mouth of Gilzauser slough to the Wadsworth slough drainage canal and a levee from this latter point northerly along the east side of the Wadsworth drainage canal to high ground.

At the same time District 1660 was asked to decide definitely whether it wanted reclamation or not and if it did want reclamation then to prepare its plans for levees and submit the same to the board at an early date for the board's approval.

OROVILLE, Butte Co., Cal.—H. A. Kluegel has been selected engineer to make a preliminary report upon the proposed irrigation district to include the foothill lands of Wyandotte, Bangor and Oroville areas. The appointment was made by the Organization Committee, which has directed Kluegel to make an investigation of all available sources of water supply for the district.

Kluegel is a member of the American Society of Civil Engineers, and has been in charge of a number of important projects.

SAN BERNARDINO, Cal.—Bids will be received by the Board of Water Commissioners, 438 Court street, up to 4 P. M. of June 25, for furnishing one deep well Turbine pump having a maximum capacity of 300 miner's inches and a minimum capacity of 250 miner's inches. Also bids for a similar pump having a maximum capacity of 250 miner's inches and a minimum capacity of 200 miner's inches. Pump to be installed complete, together with sufficient shafting, shaft tubing, shaft bearings, shaft couplings, and discharge pipe to place the bowls of the pump 125 feet below the surface of the ground with thirty-five feet of suction pipe, discharge head, discharge tee, discharge ell, thrust bearings, etc. Well upon which this machinery is to be installed is what is known as the Lytle Creek Reservoir Tract, diameter of the well being 18 inches, depth 975 feet, same having an 8-ft. diameter concrete pit, to a depth of fifty-seven feet. Bidders are to submit plans and specifications, etc. Certified check for 10% required. Ralph E. Swing is president.

LIBRARIES.

Plans Being Prepared
LIBRARY Cost, $8,000
NEWMAN, Stanislaus Co., Cal.
One-story and basement brick or reinforced concrete library.
Owner—County of Stanislaus.
Architect—Hugh Y. Davis, Rowell Bldg., Fresno, Cal.

POWER PLANTS AND WATER SYSTEMS.

SAN RAFAEL, Marin Co., Cal.

A contract for constructing the Alpine Dam for the Marin Municipal Water District was awarded to Leonard & Hansen, Phelan Bldg., San Francisco, at a meeting of the Directors held Saturday night. The contract price is $211,626.25. The lowest bid, that presented by Harvey A. Klyce, for $172,890 was withdrawn. Construction will be of reinforced concrete. Plans were prepared by Chief Engineer Baker of San Rafael.

McMINNVILLE, Ore.—Bids submitted for the construction of the proposed water system for McMinnville have been returned unopened.

This action was taken because the water supply was contaminated and that the construction of the project would not be undertaken until the conditions were remedied.

RAILROAD CONSTRUCTION AND EQUIPMENT.

SAN DIEGO, Cal. The City Council has granted to J. Burris Mitchell and Leon Fighiera, of Los Angeles, a lease on fifty acres of tidelands between Twenty-eighth and Thirtieth streets, for a shipbuilding plant. The corporation recently organized by these men plan to expend about $1,500,000 on buildings for the plant and equipment.

To Be Done by Day Labor.
CAR REPAIR SHOP. Cost, $45,000
SACRAMENTO, Cal., Southern Pacific Co.'s right-of-way.
Two-story brick and timber car repair shop No. 3.
Owners—Central Pacific Co.
Engineers—Engineering Dept. Southern Pacific Co., Flood Bldg., San Francisco.

Plans Being Prepared.
STORE HOUSE. Cost not stated.
VISITACION, San Mateo Co., Cal.
Two-story brick and concrete, 80 by 110 feet.
Owners—Southern Pacific Co.
Engineers—Engineering Dept. Southern Pacific Co., Flood Bldg., San Francisco.

Plans Being Figured.
FRAME STATION Cost, $——
SAN FRANCISCO, Lyon and Greenwich Streets.
Owner—Great Western Power Co., 14 Sansome St., San Francisco.
Engineer—Engineering Dept. Great Western Power Co., 14 Sansome St., San Francisco.

RESIDENCES.

Plans Ready For Figures.
FRAME RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal., Rockridge.
Two-story and basement frame residence.
Owner Dr. Ergo A. Majors, Dalziel Bldg., Oakland.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Plans Being Prepared.
RESIDENCE. Cost not stated.
SAN FRANCISCO, St. Francis Wood.
Two-story and base. frame residence.
Owner—George A. Kennedy.
Architect Charles Edward Hodges, Bankers Investment Bldg., San Francisco.

Plans Being Figured.
RESIDENCE. Cost, $3,500
SAN FRANCISCO, west 46th avenue north Cabrillo.
Owner—A. Parr, 601 Westbank Bldg., San Francisco.
Architect—None.

Plans Being Prepared.
RESIDENCE. Cost $
PASADENA, Los Angeles Co., Cal. San Rafael Heights.
Two-story and part basement hollow tile residence (14 rooms, 4 bathrooms, also a garage with living rooms)
Owner H. A. Fuller.
Architect Reginald D. Johnson, 14 Staats Bldg., Pasadena, Cal.

The Los Angeles and Salt Lake Railroad Company has filed with the Railroad Commission an application for authority to build and operate a line of railroad from a point near Whittier Boulevard at the south city limits of Whittier, Los Angeles County, to the south city limits of Fullerton, Orange County, crossing at grade and by overhead structures, and beneath, certain streets and lines of railway in Los Angeles and Orange Counties. The company is building a branch line from Pico station on its main line, in Los Angeles County, in a southerly direction through Santa Ana, Orange County. The Railroad Commission authorized the building of a part of this branch, that is from Pico Station to a point near Whittier Boulevard and this section is nearly finished, so that the company now wants to commence the section above mentioned.

Plans Being Figured.
STONE RESIDENCE Cost, $4,500
OAKLAND TP. North Cragmont.
Two-story stone residence.
Owner—Dr. O. E. Kuhn.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
NOTE:—Stone work let to Maschio Bros., of Oakland.

Preliminary Sketches Being Prepared
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Cal.
Two-story frame and plaster residence
Owner—Not Given.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

SCHOOLS.

SAN FRANCISCO, Cal.—Bids will be received by the San Francisco Board of Public Works up to June 22nd for the general construction, plumbing and gas fitting, heating, wrecking, grading and concrete work for the Ungraded School to be erected at the north side of Union street, between Kearny and Montgomery streets.

The estimates of cost on the work follow:

General construction, $9,000.
Plumbing and gas fitting, $2,000.
Heating apparatus, $1,850.
Wrecking, grading and concrete work, $3,000.

Plans may be had from the Bureau of Architecture, 2nd Floor, City Hall.
BIDS CLOSE JUNE 25TH, 2 P. M.

For construction, installation, completion and furnishing of all materials for a Two Room Brick School House, together with a Pump and Tank House and other outbuildings and equipment.
Location—Tulare County, Cal.
Owner—Elbow School District.
Architect—F. W. Griffin, 1st National Bank Bldg., Porterville, Cal.
Certified check of 5% payable to A. R. Chatten, Clerk of the Elbow School District.
Plans on file at Office of Architect.

CROCKETT, Contra Costa Co., Cal.—J. C. Anderson, Crockett, is receiving bids for the addition of two rooms for the Valona School house. The addition will be of frame construction, 22x32 feet. Plans may be had from Anderson at Crockett.

SPRECKELS, Santa Clara Co., Cal.—Bids will be received up to June 11th for furnishing all necessary utensils, labor, scaffolding, etc., required to paint the Spreckeds Grammar School at Spreckels.

Specifications may be had from the Board of Trustees of the Spreckels School District, Scale House, Spreckels, Cal.
BIDS CLOSE JUNE 26TH 3:30 P. M.

For the construction of a one-room frame school building.
Location—Santa Clara County, Cal.
Owner—Summit School District.
Architect—Frank D. Wolfe, Auzerais Bldg., San Jose, Cal.
Certified check of 10%.
Plans on file at Office of Architect at San Jose.

MONMOUTH, Ore.—The following is a list of low bidders on the construction of the proposed two-story addition and for the girls' cottage at the Monmouth Normal School:

School Addition (General Contract)

Low bid was submitted by Daly-rimple & Beuley of Portlan, but failing to accompany their bid by a certified check, the bid was not considered. The next low bidder was Hoover & McNeill of Albany, Ore., at $21,561.

Girls' Cottage (General Contract)

Litherland & Abrey of Portland were low, but would not take the contract unless awarded contracts for both structures. The next low was Hoover & McNeill of Albany, Ore.

Plans Being Figured.
ADDITION. Cost, $3,000
BERKELEY, Alameda Co., Cal. Allston Way and Grove Streets.
One-story frame addition to gymnasium.
Owner—City of Berkeley.
Architect—James W. Plachek, Acheson Bldg., Berkeley.

Designs Accepted. Plans Being Prepared.
ADDITION Cost, $10,000
MARICOPA, Kern Co., Cal.
Two 1-story additions to High School.
Owner—Maricopa High School District.
Architect—Thos. Wiseman & Chas H. Biggar, Producers National Bank Bldg., Bakersfield, Cal.
The additions will house a manual training department, cafeteria and domestic science rooms.

Plans Being Figured. Bids Close June 23rd.
SCHOOL. Cost, $10,000
MIDDLETOWN, Lake Co., Cal.
One-story frame school.
Owners—Middletown School District.
Architect—Norman R. Coulter, 46 Kearny street, San Francisco.

Contracts Awarded.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works has awarded the following contracts for improvements to the Daniel Webster School: Grading awarded to Bos & OBrien, Hearst Bldg.; paving to Flinn & Treacy, 1st National Bank Bldg., and fencing to Rudgear-Merle, Bay and Stockton streets.

SACRAMENTO, Cal., June 12th, 1917—Architect R. A. Herold, Forum Bldg., reports the award of a contract for additions and repairs to two frame schools at Walnut Grove, Sacramento County, to Chatterton Bros., 3126 "T" Street Court, Sacramento, for $3,346. Other bids received were as follows:

Geo. W. Kopp.....$3,967
C. Guth 3,737
Miller 3,458

AUBURN, Placer Co., Cal., June 12th, 1917—W. B. Lardner Jr., Auburn, will probably be awarded the construction of the three-story frame gymnasium to be erected at the Placer County High School at Auburn on his bid of $9 800 with an addition of $1,366 for heating. The only other bidder was Frank Liscom at $11,700 with an addition of $1,366 for heating.

Plans were prepared by Architect Allen D. Fellows, East Auburn.

Contract Awarded.
ADDITION, ETC. Cost, $29,533
MONMOUTH, Oregon.
Two-story brick addition for school and one-story frame and brick Girls' Cottage.
Owner—Oregon Normal School.
Architect—Not Given.
Contractor—Hoover & McNeill, Albany, Oregon.

Contract Awarded.
ADDITION Cost, $5,600
JACKSON, Amador Co., Cal.
One-story concrete addition Domestic Science Room, 40x25
Owner—Jackson High School Bldg.
Architect—Not Given.
Contractor—R. Campbell, Sacramento.

EUREKA, Humboldt Co., Cal.—Bids will be received by the Board of Trustees of the Bluff Praire School District up to June 25th, for the completion of the painting on present existing school building at Shively, California, as erected according to the plans and specifications as drawn by Franklin T. Georgeson, Architect, 12-14 Georgeson Bldg., Eureka, Cal.

SAN JOSE, Santa Clara Co., Cal.—The Board of Trustees of the Sunol School District, Santa Clara County will receive bids up to June 29th, 8 P. M., for the construction of a concrete foundation for the school building to be efected there.

SEWERS, STREET WORK & WATER SYSTEMS.

SAN FRANCISCO, The San Francisco Board of Public Works has approved plans and specifications for the construction of the Municipal Railway under Contract No. 95 through the Twin Peaks tunnel. The bids have been ordered received up to June 20, 1917. The work is estimated to cost between $90,000 and $100,000, and will commence at Market and Castro streets thence running through the tunnel to Junipero Serra Boulevard. The bond for the work has been fixed at $45,000.

Plans may be had from the City Engineer's Office, Third Floor, City Hall.

SOUTH SAN FRANCISCO, San Matea Co., Cal.—The Board of Trustees have approved plans and specifications prepared by the City Engineer and bids will be ordered shortly for the improvement of the following streets:

Lux avenue, between Spruce avenue and Maple avenue; Walnut avenue, between the alley north of Miller avenue and Maple avenue; Parkway for full length thereof; Pine Terrace for the full length thereof; the entire portion

of Spruce avenue north of the alley north of Miller avenue; Maple avenue, from Miller avenue to Aspen avenue, and the High street for the full length thereof.

ALAMEDA, Alameda Co., Cal.—The Engineering Departments has prepared plans and specifications for the improvement of Santa Clara avenue from East Park street to High street.

The improvement will consist of reguttering, re-surfacing and sacr'fying and is a continuation of the improvement of the same avenue west of Park street, recently completed.

SAN LEANDRO, Alameda Co., Cal.—The Trustees have ordered bids received up to July 2nd, for furnishing the city with gravel, rock and screenings and all for a term of one year to June 30, 1918.

SAN LEANDRO, Alameda Co., Cal.—The City Trustees have ordered bids rece'ved up to July 2nd for the improvement of Hepburn street and Washington avenue.

Plans may be had from the City Clerk.

WATSONVILLE, Santa Cruz Co., Cal.—The Board of Alderman have passed a resolution of intention and adopted plans for the following work:

That the roadway of Third street from Rodriguez street to Walker street, be graded, macadamized and oiled with asphaltic oil; also that concrete gutters be constructed.

M. M. Swisher is City Clerk.

OROVILLE, Butte Co., Cal.—The County Supervisors have decided to pave the section of road leading from the Northern Electric depot in East Gridley to Gridley with an asphalt covering over the present macadam.

The estimated cost of the improvement is $2,500 a mile.

Supervisor Holmes will also build a half mile of the paved road on one of the highways in his district leading out of Chico.

VISALIA, Tulare Co., Cal.—The County Supervisors have rejected all bids received recently for the construction of the following highway and ordered new bids to be opened on July 2nd:

The Ducor-Richgrove division Lindsay Exeter and Terra Bella-Porterville divisions. These sections are 10.48, 8 and 10 miles respectfully.

MESA, Ariz.—Bids will be received by the Common Council up to June 30, for the purchase of bonds in the sum of $125,000 (5½%) voted for the purpose of raising funds to supply the town of Mesa with artificial light. W. A. Macdonald is Clerk.

ASTORIA, Ore.—Bids will be received at Astoria by J. C. Clinton, Clatsop County Clerk, until June 28, for the surfacing of roads through the city of Warrenton. The estimated cost of the improvements is placed at $16,500.

OLYMPIA, Wash.—The Independent Asphalt Paving Co., Northern Bank Bldg., Seattle, submitted the low bid for the paving of the Pacific Highway in Thurston County at $62,581.

SAN BRUNO, San Mateo Co., Cal.—City Clerk H. A. Bewley will receive bids up to June 27th, 8 P. M., for the following work:

That portions of Walnut, Pine, Elm streets, 1st, 2nd 3rd, 4th, 5th, 6th, 7th, San Mateo, Angus, Mastic, Hunt'ington, Montgomery, Pacific, Atlantic, Buena Vista, Hermosa and Euclid avenues, Diamond, Scott and Herman streets, Bay Shore Circle South and Bay Shore Circle North, etc., be improved by grading, constructing artificial stone sidewalks and comb'nation cement concrete curbs and gutters; a concrete retaining wall, reinforced concrete drainage canals, reinforced cement concrete bridges, 8-inch vitrified ironstone pipe storm sewers with catchbasins, brick manholes, vitrified ironstone pipe sanitary sewer, vitrified ironstone drain pipes and 4-inch vitrified ironstone pipe laterals.

For further particulars address the City Clerk.

STOCKTON, San Joaquin Co., Cal.—City Clerk G. W. Pulich will receive bids up to June 22nd, 10:30 A. M., for the following work:

That the following avenues and streets as designated on the map "Plat of Villa Addition to the City of Stockton": Hazel Ave., Laurel St., Ash St., East Lafayette St., East Sonora St., East Church St., East Mormon Ave., be improved by grading, constructing combined concrete curb and gutter, concrete sidewalks, paving the roadway with Bitulithic pavement, and that the alleys running E and W through blocks numbered 6, 7, 10, 11 12, 13, 14, and 15, be graded, curbed with 2"x12" redwood curbs and paved.

MODESTO, Stanislaus Co., Cal.—M. Blumenkranz of Stockton submitted the only bid for grading at 58 cents per cubic yard for 16.673 miles of highway in Stanislaus County. No bids wer received for the paving of same. What action will be taken by the Board is not decided as this is the second time bids were called on this work and no bids were received.

BIDS CLOSE JUNE 25TH, 11 A. M.

For Constructing 220,000 square feet of oil macadam and asphaltic roads and paths.

Location—University Campus, Berkeley, Cal.

Owner—Regents of University of Califfornia, Berkeley.

Certified check of 10% payable to Regents of University of California.

Plans on file at Comptroller's Office, Berkeley.

RICHMOND, Contra Costa Co., Cal.—City Clerk A. C. Faris will receive bids up to June 25th, 8 P. M., for the following work:

That Portola avenue, bet. Barrett avenue and the SW line of Block 120, and that Fifteenth street, from Portola avenue to Clinton avenue, be graded; paved with a cement concrete base with a paint top wearing surface consisting of asphalt and rock screenings; that cement concrete curbs and sidewalks and culverts of corrugated iron and concrete, with concrete w'ng walls and portals, be constructed thereon.

That Burbeck avenue, from Twenty-third street, to Twentieth street, be graded; paved with cement concrete base, with a wearing surface consisting of asphalt and petrolastic cement; and that cement concrete curbs, gutters, sidewalks and open drains; culverts of corrugated iron and cement concrete with cement concrete wing walls and portals, be constructed thereon.

That Oil, W ne, Washoe and Central street from Cutting Boulevard, to their northerly termination, and Florida, Maine and Virginia avenues from Garrard Boulevard to a point near Central street in the Canal Subdivision, be graded, paved with concrete base with a paint top wearing surface consisting of asphalt and rock screenings; that cement concrete curbs with galvanized steel curb bars, cement concrete sidewalks, and culverts of corrugated iron and concrete, with concrete wing walls and portals, be constructed.

STOCKTON, San Joaquin Co., Cal.—City Clerk G. W. Pulich will receive bids up to June 22nd, 10:30 A. M., for the following work:

That an 8-inch vitrified clay pipe sewer be constructed along East street from Park street to Oak street;

That 6-inch vitrified clay p'pe sewers be constructed as follows: in East street from Oak to Fremont and a portion of Fremont, also branch sewers of 4 and 6-inch vitrified clay pipe, "Y" and "curved branches," and brick manholes be constructed.

RED BLUFF, Tehama Co., Cal.—County Surveyor Luning has submitted to the Board of Supervisors a report on all roads in Tehama County, this procedure being required under the workings of the new charter.

According to the report there are 127.80 miles in Supervisor District No. 1; 164.66 in No. 2; 214.81 in No. 3; 218.91 in No. 4, and 106.14 in No. 5, making a total of 832 32 miles to be cared for by the county. There are forty-two miles of State highway, making a total for the county of 874.32 miles.

Under the new charter each stretch of road must be advertised for repair. This was ordered done by the Supervisors.

SAN FRANCISCO, Cal.—The Board of Public Works has rescinded its order authorizing the call for new bids on Section "A" of the Marina Baulevard.

EUREKA, Humboldt Co., Cal.—County Engineer Logan has been instructed to prepare plans for surfacing a portion of the county highway between Eureka and Arcata with Road-a-lite. The work will cover about six or seven miles.

Supervisor Frost will pave three miles of the road east from the intersection of supervisorial districts four and five toward Eureka, while Supervisor Anderson will pave from the intersection three miles and possibly the entire distance to Arcata.

SALINAS, Monterey Co., Cal.—The City of Salinas is asking for bids on a system of street lighting and plans and specifications can be obtained from John J. Kelly, City Clerk. The plans were prepared by Charles T. Phillips, Consulting Engineer, Pacific Bldg., San Francisco. Bids will be opened June 29th, at 8 P. M.

SACRAMENTO, Cal.—City Clerk M. J. Desmond will receive bids up to June 26th, 10 A. M., for the improvement of Tenth street from "G" street to "I" street, by repairing the present water-bound macadam foundation and constructing thereon an asphaltic macadam wearing surface.

LOS ANGELES, Cal.—Sealed bids willl be received by the Board of Supervisors until 2 P. M., July 2, 1917, for grading, concrete paving with

bituminous wearing surface, culverts, etc., in Road Improvement District No. 103 (Lexington and Gallatin Road). The quantities involved include 6594 cubic yards excavating; 14,241 lin. ft. shaping road bed, 3200 sq. yds. concrete paving, 64 cu. yds. concrete culvert; 32 lin. ft. 24-inch corrugated metal pipe; 3698 lbs. reinforcing steel; 11,420 lin. ft. expansion joints; 2043 tons sand. The county will furnish 6807 bbls. cement, 5414 tons gravel, 667 tons screenings, 381 bbls. oil. The estimated cost to the contractor is $15,215.

VENTURA, Ventura Co., Cal.—Bids will be received by the Board of Supervisors up to July 10, for the paving of the county highway through Oxnard. The work comprises 2.2 miles or roadway.

Bids will be received by the Board of Supervisors up to July 5, for the construction of pavement on the county highway as follows:

Moorpark to the county line.

Oceanview road, Hueneme to Wood road.

Bids will also be received by the Board of Supervisors up to July 6, for constructing the following portions of the county highway: Piru to the county line, and La Crosse to Ojai.

Plans Completed. Bids to be Called For This Week.

WATER TOWER CASING Cost, $ -
SAN FRANCISCO. Fort Miley.
Reinforced concrete casing for water tower.
Owner—United States Government.
Engineer Constructing Quartermaster, Fort Mason, Cal.

This work will consist of constructing a reinforced concrete casing for a large steel water tower now erect.

OAKLAND, Alameda Co., Cal.—L. W. Cummings, City Clerk, will receive bids up to June 28th, 12 M., for the grading, curbing and guttering with concrete gutters, three feet wide, and paving with oil-macadam portions of 40th avenue in the vicinity of E-12th and Wattling and E-10th streets.

RICHMOND, Contra Costa Co., Cal.—The City Council will receive bids up to June 25th for the improvement of Burbank and Portola avenues. Plans may be had from the City Clerk.

RICHMOND, Contra Costa Co., Cal.—Overruling all protests, the City Council has instructed the City Attorney to proceed with a condemnation suit for acquiring of land on Tenth street for the proposed $105,000 storm and sanitary sewer system.

The proceedings for the work will be performed under the Act of 1903 whereby the value of the land is fixed in advance of the assessment. There were 26 protestants to the work.

VALLEJO, Solano Co., Cal.—Upon the guarantee of T. Park Jacobs, representing the Worswick Construction Company of Fresno, that the cost of constructing bithulitic pavement will not be more than 15 cents per square foot as against 14 cents for Topeka pavement, the City Council has adopted the bithulitic type of pavement as the kind to be constructed in the south central paving district. The plans for the improvement of the streets in the district were adopted as were the amended specifications substituting bithulitic for Topeka pavement.

T. D. Kilkenny is City Engineer.

OROVILLE, Butte Co., Cal.—C. F. Belding, County Clerk, will receive bids up to July 5th, 2:30 P. M., for surfacing the road beginning at the city limits of Gridley and extending as far east as the Northern Electric Railroad and known as the East Gridley road in Road District No. 12. Separate proposals will be received for surfacing the Nord avenue road in Road District No. 2 beginning at the north line of the city limits of Chico, and thence running about one-half mile, more or less.

SOUTH BEND, Wash.—K. L. Goulter, Seaview, Wash., submitted the low bid for the construction of Permanent Highway No. 3-B at $19,812, and will be awarded the contract.

OAKLAND, Cal.—The City Council has awarded a contract to Hutchinson Co., 13th and Franklin streets, Oakland, for the grading, curbing with redwood, guttering with concrete gutters, paving with oil-macadam and sidewalking with cement sidewalks, portions of Vesta street in the vicinity of 57th avenue. The Hutchinson Co. was also awarded a contract for the grading, curbing with concrete, guttering with concrete gutters, and paving with oil-macadam portions of 39th avenue in the vicinity of E-10th street.

MODESTO, Stanislaus Co., Cal.—M. Blumenkranz of Stockton, has been awarded the contract for the construction of 17.1 miles of grading by the County Supervisors on his bid of 59 cents per yard.

The sections of road covered by the contract are the Hickman-Thalheim road, Waterford, section C, and Oakdale-Waterford, section B. No bids were received for the concrete base work.

LOS ANGELES, Los Angeles Co., Cal.—George H. Oswald, 405 O. T. Johnson Bldg., Los Angeles, has been awarded a contract at $20,515.44 for the improvement of Hoover street from Vernon avenue to Fifty-second street and in portions of other streets.

Contract Awarded.

VISALIA, Tulare Co., Cal.—The Board of Supervisors have awarded the following contracts for highway in Tulare County.

The North Dinuba, Sultana and Orosi-Cutler division running from the north county line to Sharp's corner south of Cutler, a distance of 14.04 miles this being awarded to Roger Bros., Hibernian Bldg., Los Angeles, for $154,319.25.

The North Visalia division from Sharp's corner to Visalia, a distance of 7.79 miles let to O. & C. Construction Co., of Los Angeles, for $85,768.91.

Visalia-Exeter division, a distance of 8.17 miles, let to the Tibbetts Pacific Co., 16 California street, San Francisco, for $90,477.85.

Lindsay-Porterville division, a distance of 9.9 miles was let to the Concrete Pipe & Construction Co. of Porterville for $104,553.90.

FRESNO, Fresno Co., Cal.—Kaulfield & Tompkins, Fresno, were awarded the contract for improving Grant avenue from North First street to North Ninth street. The length of the work is 3900 feet, and the pavement will be 36 feet wide and consist of oiling and grading, curbing and sidewalks.

The California Road & Street Improvement Co., Holland Bldg., Fresno, has been awarded the contract for improving H street from El Dodaro street to Roosevelt avenue, and a portion of Park Boulevard, by grading, and paving with bitulithic and constructing cement concrete curb and gutters, and corrugated iron culverts.

DALY CITY, San Mateo Co., Cal.—A contract for extensive street improvements, consisting of combination cement gutters, armored concrete curbs, cement sidewalks, 4, 6 and 12-inch vitrified salt-glazed ironstone pipe sewers, brick manholes and asphaltic and vitrified brick pavement, was awarded to J. G. Harney, Pacific Bldg., San Francisco, on his bid of $95,506.26½. Other bids received were as follows:

Raisch Improvement Co.	$114,397.81
Tibbitts Pacific Co.	118,704.98
H. Crummey, Inc. (Bond defective and bid rejected)	91,890.61

BELLINGHAM, Wash.—The Washington Paving Co., L. C. Smith Bldg., Seattle, will start immediately on the construction of 12¼ miles of concrete road. The work will cost about $192,000. The work will commence from the end of the present Northeast Diagonal pavement to Deming. Geo. A. Gauntlette will be Superintendent on the job.

SPOKANE, Wash.—C. M. Payne, Spokane, has been awarded the contract for the construction of 4 miles of the Appleway highway between Dishman and Greenacres at $56,270 by the Spokane County Commissioners. Concrete paving will be used.

A. R. Scott is County Engineer.

OLYMPIA, Wash.—The Independent Asphalt Paving Co., Northern Bank Bldg., Seattle, has been awarded the contract for the paving of the Pacific Highway in Thurston County at $62,581.

NAPA, Napa Co., Cal.—W. J. & E. Schmidt, Cedar and Sacramento Sts., Berkeley, have been awarded the contract for the construction of the concrete highway from Greenwood Hill to the Solano County line. The Schmidt bid was $68,000.

OLYMPIA, Wash.—The contract for the construction of the Pacific Highway north from Junction, in Jefferson County, has been awarded to Erickson Construction Co., Downs Block, Seattle, at $46,130.

The improvement involves: 123,000 cubic yards of excavation work, 24 acres of clearing, 9 acres of grubbing and 24,000 lbs. of reinforcing steel.

SEATTLE, Wash.—The County Commissioners have awarded a contract to J. L. Smith, 1475 20th Ave., N. Seattle, for the paving of five miles of the Bellevue-Medina - Houghton highway with concrete surface at $96,000.

RED BLUFF, Tehama Co., Cal.—The County Supervisors have awarded a contract to the Chico Construction Co., 408 Broadway, Chico, for paving the Kauffman causeway and to the Northern California Power Co., 327 3rd St., Chico, for the lighting system for same.

The entire cost of both contracts will total $12,000.

SAN FRANCISCO—The Board of Public Works has awarded a contract to D. L. Bienfield, Phelan Bldg., for the construction of sewers in Seventh

avenue and Dewey Boulevard on a bid of $8,558.

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STORES AND OFFICES.

Bids in and Under Advisement.
STORES AND LOFTS. Cost, $70,000
SAN FRANUCISCO, southeast Mission and Shay alley.
Four-story and base, mill construction, 74 by 160 by 55 feet.
Owners—Dalziel Estate.
Architect—A. M. Milwain, Albany Block, Oakland.

Plans Being Figured.
DEPARTMENT STORE ADDITION. Cost not stated.
SAN FRANCISCO, east Grant avenue south Post street.
Three-story Class C addition to department store.
Owners—Musto Estate, leased to Liebes Co.
Architect—William Mooser, Nevada Bank Bldg., San Francisco.

Bids Under Advisement.
DEPARTMENT STORE ADDITION. Cost, $23,000.
SAN FRANCISCO, south Post between Kearny and Grant avenue.
Two-story Class C addition to department store.
Owners—Preston Estate Co., leased to O'Connor & Moffitt Co.
Architects—Reid Bros., California-Pacific Bldg., San Francisco.

SAN FRANCISCO—Architect Nathaniel Blaisdell, 255 California St., has taken figures under advisement for a four-story and basement Class "C" store and loft building which may be erected for the Boyd Investment Co. on their property on Mission street near 4th. A decision will be reached about the 1st of July. Bids were considerably higher than was anticipated.

Contract Awarded on a Percentage Basis.
STORES AND LODGE ROOMS COST, $18,000
SALEM, Ore.
One or two-story brick stores and lodge rooms, 82½x82½.
Owner—Not Given.
Architect—Fred A. Legg, Salem, Ore.
Contractor—Southwick & Hedrick, Salem, Ore.
NOTE:—If the two-story idea is carried out the second floor will be used for lodge rooms.

Contract Awarded.

CONCRETE STORES. Cost, $30,000
OAKLAND, Alameda Co., Cal. NW Cor. 23rd and Broadway.
One-story and basement reinforced concrete stores.
Owner—Mr. Goldwater, 9th & Broadway, Oakland.
Architect F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor—F. A. Muller, Syndicate Bldg., Oakland.

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THEATRE.

Plans Being Figured.
CLASS "A" THEATRE Cost, $——
OAKLAND, Alameda Co., Cal. Linda and Piedmont Ave.
Two-story Class "A" theatre.
Owner—J. S. Kimball.
Architect G. L. Rosebrook, No. 1 Bacon Block, Oakland.
NOTE—Carpets and drapery and tile seats let to Heywood Bros. & Wakefield.

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SEALED PROPOSALS

GOVERNMENT BIDS WANTED.

PROPOSALS FOR Electric Cable and Wire, Phospher Bronze Rope, Copper Rod, Clamp Connections, Hoze Nozzles, Poultry Netting, Anchor Shackles, Belt Lacing, Door Catches, Paint Brushes, Scrub Brushes, Duster Brushes, File Brushes, Anodes, Push Carts, Transfer Cases, Towel Holders, Window Glass, Asbestos Gloves, Leather Belting, Hose, Packing, Gaskets, Marline, Chalk Line, Tarpaulins, Canvas, Burlap, Emery Cloth, Oilcloth, Pantasote, Linoleum, Granulated Cork, Sponges, Pipe Covering, Boiler Lagging and Millwork.—Sealed proposals will be received at the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., until 10:30 A. M., June 30, 1917, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and information relating to this Circular (No. 1149), may be obtained from this office or the offices of the Assistant Purchasing Agent, Fort Mason, San Francisco, Cal.; also from the United States Engineer Offices in the principal cities throughout the United States.—EARL I. BROWN, Major, Corps of Engineers, U. S. A., General Purchasing Officer.

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PROPOSAL FOR BIDS.

Sealed bids will be received at the office of the Comptroller, 220 California Hall, University of California, Berkeley, California, at or before 11:00 A. M., June 25th 1917 for covering approximately 220,000 square feet of roadway and 35,000 square feet of paths with oil macadam and asphaltic macadam wearing surface on a macadam base, on the University Campus, Berkeley, California.

Specifications may be obtained at the Comptroller's Office, at the above address. The successful bidder will be required to give a bond equal to fifty per cent of the contract price.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
June 15, 16, 18, 19, 20, 21, 22, 24, 25

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NOTICE TO CONTRACTORS.

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING

CALIFORNIA HIGHWAY COMMISSION

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 25, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefore, to which special reference is made, portions of State highway as follows;

Yolo County, between Blacks and Hershey (III-Yol-7-C) about 10.8 miles in length, to be paved with Portland cement concrete.

Alameda County, between Altamont and Greenville (IV-Ala-5-A), about 3.7 miles in length, to be paved with Portland cement concrete.

Napa County, between Napa and the easterly county boundary (IV-Nap-8-B), about 8.6 miles in length, to be paved with Portland cement concrete.

Monterey County between Camphora and Chualar (V-Mon-2-C), about 11 miles in length, to be paved with Portland cement concrete.

Tulare County, between Pixley and Tipton (VI-Tul-4-A & B) about 6.1 miles in length to be paved with Portland cement concrete.

Tulare County, between Tipton and Tulare (VI-Tul-4-B), about 9.2 miles in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Engineering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DARLINGTON,
CHARLES E. STERN,
HENRY J. WIDENMANN
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer.
WILSON R. ELLIS,
Secretary,
Dated; May 28, 1917. (*)

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PROPOSALS will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 10 o'clock A. M., June 26, 1917, for delivering compressed cork, hair felt and fuel-oil heaters at the navy yard, Mare Island, Cal. Apply for proposals to the Navy purchasing office, San Francisco, Cal., or to the Bureau of Supplies and Accounts, GOWAN, Paymaster General of the Navy.

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GOVERNMENT BIDS WANTED.

PROPOSALS will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 10 o'clock A. M., July 3, 1917, for delivering motor-driven drills, emery grinders, hack saw, lathes, milling machines, shapers and refrigerators at the navy yard, Mare Island, Cal. Apply for proposals to the Navy purchasing office, San Francisco, Cal., or to the Bureau of Suppliets and Accounts, SAMUEL McGOWAN, Paymaster General of the Navy.

PROPOSALS FOR DOCK.

DOCK Sealed proposals, indorsed "Proposals for Shipbuilding Dock," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. June 25, 1917,** and then and there publicly opened, for a shipbuilding dock at the U. S. navy yard, Puget Sound, Wash. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. F. P. HARRIS, chief of bureau.

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REMOVAL NOTICE.

THE CAPITOL ART METAL
Formerly at
1927 Market Street,
Now at
100-106 New Call Bldg.
Tel. Sutter 6553.

City Bids Opened.

SAN FRANCISCO, Cal. The following bids were received by the San Francisco Board of Public Works for electrical work in Engine House No. 37, to be erected at the corner of 25th and Vermont Streets:

Globe Electric Co.	$1,783
Thos. J. Bennett	1,748
G. A. Weeks	2,100
Butte Eng. & Elec. Co.	1,800
California Electric Co.	1,850
Electric Fixtures, Engine House No. 37	
Thos. Day Co.	$1,205
Globe Elec. Works	1,386
Roberts Mfg. Co.	1,304

RECEIVE FIGURES FOR HOSPITAL WARD

Complete List of Bids Opened For Construction of Ward "K" at Letterman General Hospital.

A number of figures were opened in the office of the Constructing Quartermaster's Office at Fort Mason, Thursday morning at 11 o'clock for the construction of a reinforced concrete building to be erected at the Letterman General Hospital in the Presidio of San Francisco. The new structure will be known as Ward "K" and is similar in design to several other of the new wards. Following is a complete list of the bids received:

Construction Ward "K"

Fred L. Hansen, $10,820 complete; add $300 for metal lath; fire escapes, $150.

Harvey A. Klyce, $11,300 complete; add $435 for metal lath; fire escapes, $150; plain concrete, $12; reinforced concrete, $15.40; excavating, 50 cents.

Bos & OBrien, $9,767 complete; add $300 for metal lath; fire escapes, $100; plain concrete, $8; reinforced concrete, $14; excavating, $1.

Carnahan & Mulford, $13,178 complete; add $370 for metal lath; fire escapes, $100; plain concrete, $15; reinforced concrete, $17; excavating, $1.50.

L. G. Bergren & Son, $9,972 complete; add $400 for metal lath; fire escapes, $——; electric work, $1,215; fixtures, $140; plain concrete, $8.70; reinforced concrete, $12.75.

C. L. Wold Co., $9,599 complete; add $900 per unit; fire escapes, $110; plain concrete $9; reinforced concrete, $15; excavating, $1.

A. H. Vogt, $10,486 complete; add $225 for metal lath; fire escapes, $35; plain concrete, $10; reinforced concrete. $15; excavating, $1.

J. Collins, $10 280 complete; add $280 for metal lath; fire escapes, $80; plain concrete, $9.25; reinforced concrete, $11.10; excavating, $.70.

C. E. McMullin, $9,995; add $450 for metal lath; fire escapes, $130; plain concrete, $10; reinforced concrete, $13; excavating $1.

George W. Boxton & Son, $9,996; add $660 for metal lath; fire escapes, $120; plumbing, $3,600; electric work, $1,600; fixtures, $260; heating, $1,190; vacuum cleaning, $550; plain concrete, $9; reinforced concrete, $15; excavating, 1.

George P. Schaeffer, cost plus 5%.

Plumbing.

Scott Co.	$2,835
Kiernan & O'Brien	2,677
Frank J. Klumn	2,931
A. Lettich	1,150
Burnham Plumbing Co.	2,120
W. F. Wilson Co.	2,733
G. F. Bernard	2,975

Heating.

Kiernan & O'Brien	$833
Burnham Plumbing Co.	715
G. F. Bernard	797
Scott Co.	730

Electric Work.

	Wiring	Fxtrs.
Butte Eng. & Elec. Co.	$ 940	$350
Kohlwey, Smith, Alfs Electric Co.	1.100	338
Asher Electric Co.	1,000	348
McFell Electric Co.	1,050	345
Globe Electric Co.	1,148	294
F. E. Newberry Elec. Co.	933	360
W. H. Kirsten	996	
M. E. Ryan	1,232	114

Vacuum Cleaning.

Western Vacuum Supply Co. $565

(15457) 1st report Apr. 23; 3rd May 31, 1917.

A to Nx Q to U W 198 to 205.

PHOTOSTAT EQUIPMENT IS NOW AVAILABLE.

New Process is of Great Value to Contractors and Others Requiring Rapidity and Accuracy.

Architects, engineers and contractors will be particularly interested in the announcement of the installation of a complete Photostat equipment by the Standard Photoprint Service, 370-371 Russ Bldg., 235 Montgomery St. The Photostat process is specially adapted for the copying of blue prints, drawings, plans, specifications containing sketches, legal papers, letters, etc. A few of the larger corporations of San Francisco have been using the Photostat for their own copying, and the new firm has installed a plant to do work for the public.

Contractors wanting copies of blue prints or plans temporarily in their possession will find the process most convenient. Copies may be made without the originals leaving the possession of the contractor, the work being done in his presence and the Photostat prints ready for delivery a few hours later. The scale of any map or tracing may be enlarged or reduced and perfect legibility retained in either case. Architects and engineers will find this feature a great saver of time and expense where copies are desired to include in a report or for office filing.

The Photostat prints are made in any desired size up to 18x22 inches; larger sizes may be mounted as one piece. The prints are on good bromide paper that will neither fade nor decay. Charles A. Love and Lee L. Stopple are the proprietors of the firm. Their telephone number is Sutter 1675.

PREPARING BILL OF QUANTITIES.

The Constructors Estimating Board, 110 Jessie street, C. E. Wetherell, is preparing a detailed bill of quantities and engineer's estimate of cost of the new $60,000 Union High School to be erected at Oroville, Butte County.

The same Board is also preparing a bill of quantities for a frame residence to be erected on the west side of 46th avenue 90 feet north of Cabrillo street. These quantities may be obtained on application to the manager.

S. F. PUBLICITY IN AUTOMOBILE SALES JOURNAL.

"The Messenger" Carries Illustrated Article on Local Business Houses.

San Francisco and other coast cities and towns received considerable publicity in the current number of "The Messenger," a monthly publication issued by the Autocar Company of Ardmore, Pa., manufacturers of the Autocar, which is distributed in this territory by the Autocar Sales and Service Corporation.

"Several pages are devoted to coast business houses and industries that are prominent users of the Autocar and the accompanying illustrations are excellent," said E. P. Anderson, general manager for the Autocar Sales and Service Corporation.

"From a small beginning made about eight years ago, the work of distributing Autocars here has grown to be one of the most important industries in this district and the same condition exists in the southern part of the State.

"The tremendouse growth of our business on the coast was the main reason for the factory establishing a branch here to succeed M. S. Bulkeley & Co. We are now better equipped than ever before to serve the public and we are assured from the factory that the output there will be equal to the demand no matter how great the increase in orders may be. This means that there will be no undue delay in the making of deliveries.

"One fact that is doing much to win an ever increasing number of orders and satisfy present Autocar users is our after sales service policy. The establishment of an Autocar service station in every California city and town from San Diego to Eureka means that every Autocar owner is assured of being within reach of such a service station no matter in what part of the State he may be. An ever increasing number of prominent industries are finding that the Autocar is the most suitable for their work and that the service policy is one that assures them of the best to be had in the service line."

If you are figuring on buying a truck, be sure and see the Autocar.

DO YOU KNOW THAT

Peace hath her health problems no less than war?

Half the blindness in the world could have been prevented by prompt and proper care?

Constant vigilence is the price of freedom from flies?

The physical vigor of its citizens is the Nations greatest asset?

Idleness is the thief of health?

Infected towels spread eye disease?

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

No.	Owner	Contractor	Amt.
1502	Born	Born	800
1503	Niles	Niles	450
1504	Lesher	Maisler	500
1505	Hart	Carson	400
1506	Born	Born	4000
1507	Richards	Schultz	4000
1508	Petersen	Hurley	900
1509	Dobrin	Dobrin	400
1510	Holmes	Moller	600
1511	Sylvestri	Sylvestri	1500
1512	Atkins	Kelly	1000
1513	Gallano	Gallano	3200
1514	City & County	Carlson	17840
1515	Same	Lettich	5747
1516	Same	Cambpell	7690
1517	Shea	Hansbrough	8577
1518	Nagelmaker	Mager	7200
1519	Clift	Pockman	4055
1520	Dessell	Levi	1700
1521	Lundberg	Lundberg	2500
1522	Lichtenberg	Owner	600
1523	Lyons	Lyons	900
1524	Ferrari	Ferrari	1500
1525	Peacock	Brumfield	450
1526	S F Golf Club	Jackson	1000
1527	Same	Same	1000
1528	Bishop	Bishop	1500
1529	Mart	Mart	2000
1530	Cowan	Stratton	585
1531	Same	Bessett	1084
1532	Daily News	Kern	20000
1533	Lakeside Golf	Msn Mbl	1815
1534	Same	Agmar	1825
1535	Same	Forderer	740
1536	Same	Knowles	2000
1537	Same	Michel	696
1538	Same	Turner	11800
1539	Same	Nat'l Mill	3800
1540	Krutmeyer	Owner	450
1542	Sharman	Sharman	945
1542	Same	Same	945
1543	Same	Same	945
1544	Adams Express	Federal	600
1545	Bullard	Arthur	1400
1546	Urban Rlty	Owner	5000
1547	Same	Same	5000
1548	Same	Same	3500
1549	Mills Est	McLaughlin	22670
1550	Same	Lamson	6600
1551	O'Brien	Jones	11600
1552	Salfield	Wengard	3680
1553	Newhall	Grace	7484
1554	Britt	Britt	575
1555	Meerielf	Emanuel	750
1556	Susskind	Susskind	700
1557	Dufresne	Grahn	2900
1558	Pacific Hdwre	Duebel	3000
1559	McGuire	Ryan	2500
1560	Lakeside Golf	Garden	1500
1561	Somers	Bernstein	1090

CONCRETE WORK
(1502) LOT 41 WEST CLAY PARK. Concrete wall.
Owner.....S. A. Born Bldg. Co., 180 Jessie, San Francisco.
Architect .....None.
Day's work. COST, $800

FRAME DWELLING
(1503) E PALOU 50 N Rankin. One-story and basement frame dwelling.
Owner.....G. W. Niles, 1300 Silver Ave., San Francisco.
Architect .....None.
Day's work. COST, $450

ALTERATIONS
(1504) NO. 1543 FILLMORE. New show windows.
Owner.....H. M. .Lesher, Premises.
Architect .....None.
Contractor....Ben Maisler, 777 Ellis, San Francisco.
COST, $500

ADDITION
(1505) NO. 2211 BUCHANAN. Add pergola.
Owner.....Julian Hart, Premises.
Architect .....None.
Contractor....Cleeve Carson & Son, 219 32nd Ave., San Francisco.
COST, $400

FRAME RESIDENCE
(1506) LOT NO. 23 LINCOLN MANOR Two-story and basement frame residence.
Owner.....S. A. Born Building Co., 180 Jessie, San Francisco
Architect ..... None.
Day's work. COST, $4000

FRAME7 RESIDENCE
(1507) E FUNSTON (13th) AVE 182-6 N Fulton. Two-story and basement frame residence.
Owner.....J. H. Richards, 3531 Geary, San Francisco.
Architect .....Heiman & Schwartz, 440 Coleson Bldg., S. F.
Contractor....Neils Schultz, 739 34th Ave., San Francisco.
COST, $4000

FOUNDATION
(1508) SW RAIL ROAD AVE AND Hudson. New foundation.
Owner.....Mrs. Petersen, 600 Rail Ave., San Francisco.
Architect .....None.
Contractor....P. Hurley.
COST, $900

ALTERATIONS
(1509) NO. 2741 LOMBARD. Alter front.
Owner.....Mark Dobrin, 1553 Laguna, San Francisco.
Architect .....None.
Day's work. COST, $400

ALTERATIONS
(1510) NO. 80 POST. Erect plaster partitions.
Owner.....Holmes Invst. Co., Prem.
Architect .....None.
Contractor....Moller & Sons, 520 Jessie San Francisco.
COST, $600

ADDITION
(1511) NO. 667 NAPLES. Add 6 rooms to dwelling.
Owner P. Sylvestri, Premises.
Architect Grant Smith, [illegible] San Francisco.
Day's work. COST, $1500

ADDITION
(1512) NO. 1055 GREEN. Add one room and alter dwelling.
Owner.....David Atkins, Premises.
Architect .....Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor....J. H. Kelly, 912 Scott, San Francisco.
COST, $1000

FRAME STORE, ETC
(1513) NW RUSSIA AND MADRID. Two-story and basement frame store and flat.
Owner.....Mrs. B. Gallano, 459 Lisbon, San Francisco.
Architect .....None.
Day's work. COST, $3200

ENGINE HOUSE
(1514) TWENTY-FIFTH AND VERmont. General eonstruction for Engine House No. 37.
Owner.....City & County of S. F.
Architect .....None.
Contractor....Elmer Carlson, 209 Prospect Ave., San Francisco.
COST, $17,840

(1515) PLUMBING ON ABOVE.
Contractor....J. M. Lettich, 110 Jessie, San Francisco.
COST, $5747

(1516) BRICK AND HOLLOW TILE work on above.
Contractor....Thomas J. Campbell, 1827 McAllister, San Francisco
COST, $7690

CLASS "C" BUILDING
(1517) S GOLDEN GATE AVE 77-6 E Steiner E 60xS 137-6. All work except plumbing, painting and electric work for one-story Class "C" auto salesroom.
Owner.....Annie Shea, 1393 Golden Gate Ave., S. F.
Architect .....Matthew O'Brien, 68 Post, San Francisco.
Contractor....Hansbrough Johnston Co., Inc., Monadnock Bldg., San Francisco.
Filed June 12, 17. Dated May 29, '17.
Trusses and rafters set.....$2144
Roof and floors completed..... 2144
Completed and accepted..... 2144
Usual 35 days..... 2145
TOTAL COST, $8577
Bond, none. Limit, 50 days after July 1, 1917. Forfeit, $20. Plans and specifications filed.

FRAME FLATS
(1518) W SAN BRUNO 66 N 25th 34x 75. All work except electric fixtures, wall beds and water heater for two-story and basement frame (4) flats.
Owner John Nagelmaker, 1400 San Bruno Ave., S. F.
Architect .....None.
Contractor....Mager Bros., 110 Jessie, San Francisco.
Filed June 12, '17. Dated June 8, '17.
Frame up $1800
Brown coated 1800
Accepted 1800

Usual 35 days..... 1800
TOTAL COST, $7200
Bond, $3600. Sureties, Helena and Severein Mager. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1519) S SAN BENITO 100 W Santa Clara being Lot 18 Blk 12 St. Francis Wood. All work for one-story frame residence.
Owner.....Henry N. Clift, Crocker Bldg., San Francisco.
Architect.....Heiman & Schwartz, 212 Stockton, San Francisco.
Contractor....L. T. Pockman, 121 21st Ave., San Francisco.
Filed June 12, '17. Dated June 8, '17.
Roof boards on.....$1000
Brown coated..... 1000
Completed and accepted..... 1000
Usual 35 days..... 1055
TOTAL COST, $4055
Bond, $2000. Sureties, J. K. Mehrtens and R. H. Hubbell. Limit, 70 days from recording. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1520) NE NINTH AVE AND IRVING All work except plumbing and light fixtures for alterations and additions to drug store.
Owner.....Frank W. Dessell, 1298 9th Ave., San Francisco.
Architect.....Henry Shermund, Mills Bldg., San Francisco.
Contractor....S. Levi, 2120 Post, S. F.
Filed June 12, '17. Dated June 9, '17.
Payments each week of..... 75%
Usual 35 days..... 25%
TOTAL COST, $1700
Bond, none. Limit, 30 days. Forfeit, $10. Plans and specifications filed.

FRAME BUNGALOW
(1521) LOT 17 BLK 3178 Westwood Park. All work for one-story 5-room frame bungalow and garage in rear.
Owner.....Louise E. Lundberg, 1565 10th Ave., San Francisco.
Architect.....None.
Contractor....Alfred J. Lundberg, 1565 10th Ave., San Francisco.
Filed June 12, '17. Dated June 7, '17.
Frame up and enclosed.....$625
Brown coated..... 625
Completed and accepted..... 625
Usual 35 days..... 625
TOTAL COST, $2500
Bond, $1200. Sureties, Lauritz J. and Emilie M. Lundberg. Limit, Oct. 1. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1522) NO. 724 HAYES. Alter flats.
Owner.....J. Lichtenberg, 730 Hayes San Francisco.
Architect.....None.
Day's work. COST, $600

ALTERATIONS
(1523) NOS. 701-703 FIFTH AVE. Raise flats and minor repairs.
Owner.....Thomas Lyons.
Architect.....None.
Day's work. COST, $900

FRAME DWELLING
(1524) N STILLMAN 210 E Gale One-story and basement frame dwelling.
Owner Ferrari Bros., 292 University, San Francisco.
Architect.....None.
Day's work. COST $1500

ELECTRIC SIGN
(1525) NO. 568 GOLDEN GATE AVE. Electric sign.
Owner.....Peacock Motor Sales Co., Premises.
Architect.....None.
Contractor....Brumfield Elec. Sign Co., 18 7th, San Francisco.
COST, $450

FRAME SHEDS
(1526) LAGUNA de La Merced. One-story frame sheds.
Owner.....S. F. Golf & Country Club
Architect Geo. W. Kelham, 305 Sharon Bldg., S. F.
Contractor....W. H. Jackson, 305 Sharon Bldg., San Francisco.
COST, $1000

FRAME SHOP
(1527) LAGUNA de la Merced. One-story frame shop and store.
Owner.....S. F. Golf & Country Club
Architect.....George W. Kelham, 305 Sharon Bldg., S. F.
Contractor....W. H. Jackson, 305 Sharon Bldg., S. F.
COST, $1800

FRAME DWELLING
(1528) N SUNNYSIDE 150 E Forester. One-story and basement frame dwelling.
Owner.....H. Bishop, 410 Forester, San Francisco.
Architect.....None.
Contractor....F. W. Ellings, 349 Edna, San Francisco.
COST, $1500

ALTERATIONS
(1529) NO. 2321 SACRAMENTO. Alter and add to residence.
Owner.....Henri Mart, 133 Geary, San Francisco.
Architect.....W. G. Hind, 46 Kearny, San Francisco.
Day's work. COST, $2000

ALTERATIONS
(1530) NO. 1318 FORTY-EIGHTH AV to SE 48th Ave and "I" S 125xE 32-6. Moving, raising, etc., of two-story frame building.
Owner.....M. A. Cowan.
Architect.....August Nordin, Mills Bldg., San Francisco.
Contractor....C. C. Stratton.
Filed June 13, '17. Dated May 7, '17.
Building on rollers.....$200
Completed..... 235
Usual 35 days..... 150
TOTAL COST, $585
Bond, Guarantee Bond in favor of owner. Sureties, E. S. Rake and A. F. Hanson. Limit, 15 days. Forfeit, $4. Plans and specifications, none.

(1531) UNDERPINNING ON ABOVE.
Contractor C. H. Bessett, 343 29th Ave., San Francisco.
Filed June 13, '17. Dated June 1, '17.
One-half work done.....$405
Completed and accepted..... 404
Usual 35 days..... 275
TOTAL COST, $1084
Bond, $550. Surety, Massachusetts Bonding & Insurance Co. Limit, 25 days. Forfeit, $1. Plans and specifications filed.
1st report May 29, No. 1414.

CONCRETE WORK, ETC.
(1532) N SHERIDAN 160 S Folsom 100x100. Concrete, brick, lumber, plumbing, heating, window glass, plaster, stairs, mill, hardware, painting, carpenter work and removal of present building in sections as required, for one-story and two-story building.
Owner.....The Daily News Publishing Co., 340 9th, S. F.
Architect.....None.
Contractor....L. A. Kern, 3646 17th, S. F
Filed June 13, '17. Dated June 12, '17.
As work done at end of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $20,000
Bond, none. Limit, 77 days after June 13. Forfeit, none. Plans and specifications filed.

MARBLE WORK
(1533) RANCHO LAGUNA de la Merced. Marble work for two-story and part basement frame structure (club house.)
Owner.....Lakeside Golf Club, 1st National Bank Bldg., S. F.
Architect.....John Reid Jr., 1st National Bank Bldg., S. F.
Contractor....The Mission Marble Wks., 363 Guerrero, S. F.
Filed June 13, '17. Dated May 31, '17.
On or before 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $1815
Bond, $907. Surety, Massachusetts Bonding & Insurance Co. Limit, Aug. 15. Forfeit, none. Plans and specifications filed.

(1534) PAINTING ON ABOVE
Contractor....Paul Agmar, Insurance Ex. Bldg., S. F.
Filed June 13, '17. Dated May 31, '17.
Payments same as above.....
TOTAL COST, $1825
Bond, $912.50. Surety, Maryland Casualty Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1535) SHEET METAL WORK ON above.
Contractor....Forderer Cornice Works, 269 Potrero Ave., S. F.
Filed June 13, '17. Dated May 31, 17.
Payments same as above.....
TOTAL COST, $740
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1536) PLASTERING ON ABOVE.
Contractor....A. Knowles, Call Bldg., San Francisco.
Filed June 13, '17. Dated May 22, '17.
Payments same as above.....
TOTAL COST, $2000
Bond, $1000. Surety, Massachusetts Bonding & Insurance Co. Limit, 4 weeks after notification. Forfeit, none. Plans and specifications filed.

(1537) MISCELLANEOUS AND ORNAMENTAL iron work on above.
Contractor....Michel & Pfeffer, 1415 Harrison, San Francisco.
Filed June 13, '17. Dated May 21, '17.
Payments same as above
TOTAL COST, $696
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1538) PLUMBING & ELECTRICAL work on above.
Contractor....The Turner Co., 272 Natoma, San Francisco.
Filed June 13, '17. Dated May 22, '17. Payments same as above
TOTAL COST, $11,800
Bond, $590. Surety, Massachusetts Bonding & Insurance Co. Limit, Sept. 1, 1917. Forfeit, none. Plans and specifications filed.

(1539) MILL WORK ON ABOVE.
Contractor National Mill & Lumber Co., 318 Market, S. F.
Filed June 13, '17. Dated May 19, '17. Payments same as above.
TOTAL COST, $3800
Bond, $1900. Sureties, Pacific Tank & Pipe Co. Limit, Aug. 15, 1917. Forfeit, none. Plans and specifications

ALTERATIONS
(1540) NO. 2257 GEARY. Alter front.
Owner.....Matilda Krutmeyer, 2259 Geary, San Francisco.
Architect .....None.
Contractor....Arthur Krutmeyer, 2259 Geary, San Francisco.
COST, $450

FRAME DWELLING
(1541) N REVERE 200 E Jennings. One-story and basement frame dwlg.
Owner.....T. L. Sharman, 1440 Shafter, San Francisco.
Architect .....None.
Day's work. COST, $945

FRAME DWELLING
(1542) N REVERE 225 E Jennings. One-story and basement frame dwlg.
Owner.....T. L. Sharman, 1440 Shafter, San Francisco.
Architect .....None.
Day's work. COST, $945

FRAME DWELLING
(1543) N REVERE 250 E Jennings. Two-story and basement frame dwlg.
Owner.....T. L. Sharman, 1440 Shafter, San Francisco.
Architect .....None.
Day's work. COST, $945

SIGN
(1544) NO. 543 MARKET. Electric sign.
Owner.....Adams Express Co., 543 Market, San Francisco.
Architect .....None.
Contractor....Federal Sign System, 618 Mission, San Francisco.
COST, $600

(1545) NO. 33 WALNUT. Raise and add garage.
Owner.....M. S. Bullard, 3333 Pacific Ave., San Francisco.
Architect .....None.
Contractor....Geo. H. Arthur, 180 Jessie, San Francisco.
COST, $1400

FRAME DWELLING
(1546) W DE SOTO 103 S Urbano. Two-story and basement frame dwelling.
Owner Urban Realty Improvement Co., 85 Cerritos Ave. San Francisco.
Architect .....Jos. A. Leonard, 85 Cerritos Ave., S. F.
Day's work. COST, $5000

FRAME DWELLING
(1547) W DE SOTO 153 S Urbano. Two-story and basement frame dwlg
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave.
Architect .....Jos. A. Leonard, 85 Cerritos Ave., S. F.
Day's work. COST, $5000

FRAME DWELLING
(1548) N URBANO 131 W Victoria. One-story and basement frame dwlg.
Owner.....Urban Realty Improvement Co., 85 Cerritos Ave. San Francisco.
Architect .....Jos. A. Leonard, 85 Cerritos Ave., S. F.
Day's work. COST, $3500

OFFICE BUILDING
(1549) S PINE 182-6 W Sansome W 40xS 137-6. Concrete and masonry work for five-story and basement reinforced concrete office building.
Owner Mills Estate, Inc., Mills Bldg., San Francisco.
Architect .....B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor....Jas. L. McLaughlin, 244 Kearny, San Francisco.
Filed June 14, '17. Dated Apr. 25, '17.
Bet. 1st and 10th of each month 75%
Usual 35 days 25%
TOTAL COST, $22,670
Bond, $11,335. Surety, The Aetna Accident & Liability Co. Limit, 75 days Forfeit, none. Plans and specifications, none.

(1550) A SYSTEM OF 4 BELLMOUTH power control pneumatic tubes on above.
Contractor....The Lamson Co., 617 Mission, San Francisco.
Filed June 14, '17. Dated Apr. 24, 17.
Payments same as above.....
TOTAL COST, $6600
Bond, none. Limit, 150 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1551) S JACKSON 165 E Buchanan E 27-6xS 127-8¼. All work three-story and basement frame residence.
Owner.....Mrs. W. S. O'Brien, 1925 Jackson, San Francisco.
Architect .....E. E. Young, 251 Kearny, San Francisco.
Contractor....Paul K. Jones, 110 Jessie, San Francisco.
Filed June 14, '17. Dated June 14, '17.
Frame up $2900
Brown coated 2900
Completed and accepted..... 2900
Usual 35 days..... 2900
TOTAL COST, $11,600
Bond, $5800. Sureties, Wm. I. Smith and Alvin S. Hatch. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
(1552) W CLAYTON near Junction of Ashbury being Lot 23 Blk "I" Park Lane Tract. All work for two-story and basement frame residence.
Owner.....C. D. Salfield, 1890 Page, San Francisco.
Architect .....Ernest U. Essmann (Uncertificated), SW 24th and Church. San Francisco.
Contractor....C. Wengard, 1286 34th Ave., San Francisco.
Filed June 14, '17. Dated June 12, '17.
Frame up and roof on.....$920
Brown coated .....
Completed and accepted..... 920
Usual 35 days..... 920
TOTAL COST, $2680
Bond, $1840. Sureties, Emil Nelson and Edw. E. Madden Limit, 60 days. Forfeit, none. Plans and specifications filed.

BRICK GARAGE
(1553) N PACIFIC AVE 66 E Baker 28x127-8¼. All work for two-story brick garage and garden accessories
Owner.....Virginia Whiting Newhall, 2950 Pacific Ave., S. F.
Architect .....Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor....Grace & Bernieri, Claus Spreckels Bldg., S. F.
Filed June 14, '17. Dated June 11, '17.
On 3rd of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7484.93
Bond, $3750. Sureties, L. Scatena and A. Pedrini. Limit, 3 months after June 11, 1917. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1554) NO. 1113 SCOTT. New steps and concrete floor.
Owner.....O. W. Britt, 330 Ivy Ave., San Francisco.
Architect .....None.
Day's work. COST, $575

REPAIRS
(1555) NO. 43 PRESIDIO AVE. Repair dwelling.
Owner.....Mrs. A. Meertief, Prem.
Architect .....None.
Contractor....L. & E. Emanuel, Inc., 144 12th, San Francisco.
COST, $750

ADDITION
(1556) NO. 33 JORDAN AVE. Add sleeping porch.
Owner.....S. H. Susskind, Care Architect.
Architect .....Bernard J. Joseph, 74 New Montgomery, S. F.
Day's work. COST, $700

FRAME DWELLING
(1557) E TENTH AVE 150 S Clement. Two-story and basement frame dwelling.
Owner.....Louis Dufresne, 3658 20th San Francisco.
Architect .....None.
Contractor....Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, $2900

FRAME GARAGE
(1558) N KING 275 W Seventh. One-story frame garage.
Owner.....Pacific Hardware & Steel Co., 7th & Townsend, S. F.
Architect .....Richard Tom Suden, Merchants' National Bank Bldg., S. F.
Contractor....Chas. Duebel & Co., 224 First, San Francisco.
COST, $3000

FRAME DWELLING
(1559) S QUESADA 450 E Newhall. One-story and basement frame dwlg
Owner.....Annie McGuire, Care Contractors.
Architect .....Earl B. Scott, Humboldt Bank Bldg., S. F.
Contractor....Ryan & Reis, 21st and 3d San Francisco
COST, $2500

(1560) RANCHO LAGUNA de la Merced One-story frame dwellings

Owner Lakeside Golf Club, 1st National Bank Bldg., S. F.

Architect John Reid Jr. 1st Nat'l. Bank Bldg., San Francisco

Contractor Frank M. Garden, 251 Kearny, San Francisco

COST, $1500

CONCRETE BUILDING

(1561) W VAN NESS AVE 72 S California E 145-3 S 65.6 E 25 N 137-6 W 170 S 72. Painting for two-story and basement reinforced concrete building.

Owner.....George B. Somers, 2662 Vallejo, San Francisco.

Architect.....Clarence A. Tantau, 519 California, S. F.

Contractor....Wm. Bernstein, 110 Jessie, San Francisco.

Filed June 15, '17. Dated May 28, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1090

Bond, $545. Surety, Massachusetts Bonding & Insurance Co. Limit, July 1, 1917. Forfeit, none. Specifications only filed.

LEASE.

San Francisco County.

June 14, 1917—SE GOUGH AND McAllister E 55xS120. Annie Tormey to Annie T Moore. 3 years. $8550.

June 15, 1917—NO. 2889 MISSION. V Ferrone to A Salvoni & Co. 5 years. $40 per month.

June 15, 1917—LOTS 4, 5, AND 8 and E 30 feet Lot 9 P. V., excepting right of way for spur track and ext of spur track. Ocean Shore Railroad Co to Jewell Steel & Malleable Co of California. 15 years. $116 per month.

June 12, 1917—S CALIFORNIA 137-6 E Leavenworth E 68-9xS 137-6. Ella F Murray to Albert E Kern. 10 years. $57,000.

June 12, 1917—E FILLMORE bet. Golden Gate Ave and Turk No. 1100 Fillmore. Mary L Price, extrx Est. W E Price, decd to Abe Cohn. 5 years, $2700.

June 13, 1917—N CLEMENT bet. 3rd and 4th Aves. No. 252 Clement. G A Blank to George Manthos and Jas Migikes. 4 years 1 month. $30.

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED

June 1, 1917—SE MISSION 140 NE Seventh NE 45xSE 85. Somers & Co to C O Smith.....May 19, 1917

June 1, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to Brode Iron Works.....May 31, 1917

June 1, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Brode Iron Works, Inc. .....May 31, 1917

June 1, 1917—S KING bet. 4th and 5th 577x69 m or l; N Berry bet. 5th and 6th 850-6x87 m or l; N Berry bet. 4th and 5th 522x84 m or l. Southern Pacific Co to whom it may concern.....May 21, 1917

June 2, 1917—N FAIRMOUNT 112 E Chenery E 30xN 125 Lot 3 Blk 18, Fairmount Tract. Frank and Kate Coghlan to whom it may concern.....May 15, 1917

June 2, 1917—S ALMA 100 W Shrader S parallel with Shrader 100 W 34 7½ N 100-2¾ E 27-10¼. Franklin W Dakin to F E Hooper, May 25; E J Montgomery..May 24, '17

June 4, 1917—NE SACRAMENTO & Webster N 255-4½xE 275. The Board of Trustees of the Leland Stanford Junior University to Concrete Engineering Co.....June 1, 1917

June 4, 1917—N PINE 55 E Franklin E 40xN 137-6. L A Myers to O W Britt.....June 2, 1917

June 4, 1917—N PACIFIC 169 E Buchanan E 37-3xN 127-8¼. Harry P Franklin to J Harold Johnson.. .....May 29, 1917

June 4, 1917—N PACIFIC 169 E Buchanan E 37-4xN 127-8¼. Harry P Franklin to D Zelinsky & Sons .....May 29, 1917

June 4, 1917—E TWENTY-SIXTH Ave 60-11 S Balboa S 25xE 90. A R Walther to Martin and Hans Nelson .....June 4, 1917

June 4, 1917—E FIFTEENTH AVE 25 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917

June 4, 1917—E FIFTEENTH AVE 50 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917

June 4, 1917—E FIFTEENTH AVE 75 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917

June 4, 1917—E THIRTY-SIXTH AV 210 N Cabrillo N 30xE 120. Jacob Weissbein to Ernest E Dunn..... .....June 4, 1917

June 6, 1917—NW LARKIN AND Filbert No. 2401-2409 Larkin and No. 2415 Larkin. Chas F Theirbach to Gilley-Schmid Co..... .....June 6, 1917

June 6, 1917—E SEVENTEENTH AV 275 S Cabrillo S 50xE 120. Geo U Hind to James & Hatch..... .....June 4, 1917

June 6, 1917—FIFTH AND MARKET SE 275xNE 275. The Lincoln Realty Co to Wright & Kohn..... .....June 1, 1917

June 6, 1917—SE POST AND HYDE E 68-9xS 87-6. Gerard Invst Co to whom it may concern..June 6, 1917

June 6, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to C Caranza & Bro.....May 25, 1917

June 7, 1917—NW McALLISTER & Central Ave W 31-3xN 100. Jas C Nolan to L Heckenroth..June 1, 1917

June 8, 1917—LOT 3, BLK 3199, Westwood Park. Efren Lloyd to Joseph Neal .....June 6, 1917

June 8, 1917—N CALIFORNIA 107-6 E 21st Ave. Hemminga Bros., Inc., to Hemminga Bros., Inc..... .....June 7, 1917

June 8, 1917—E TWENTY-SIXTH Ave 85-11 S Balboa S 25xE 90. Harry and Eugenie Paiva to G. Sandberg .....June 4, 1917

June 8, 1917—N TWENTY-THIRD 325 W Hoffman Ave., Lot 177 Heyman Tract. Christian Anderson Russell to J. T. McInnis..... .....June 4, 1917

June 8, 1917—N JACKSON 34-4¼ W Lyon N 127-8xW 34-4½. D. Dangers to Cleeve Carson & Son..... .....June 1, 1917

June 8, 1917—N FIFTEENTH ST 180 E Noe E 25xN 115. Muriel Klotz to C. L. Knight....June 6, 1917

June 9, 1917—W FIFTEENTH AVE 100 S Balboa S 50xW 127-6. John Johnson to whom it may concern .....June 8, 1917

June 9, 1917—N PACIFIC AVE 169 E Buchanan E 37-3xN 127-8¼. Harry P. Franklin to Central Elec. Co. .....June 4, 1917

June 9, 1917—SW EIGHTH AND Brannan. The Western Pacific Railway Company to Farrell & Reed .....May 30, 1917

June 9, 1917—S PACIFIC AVE 165 E Baker E 27-6x S 127-8¼. David Bibbero to J. Harold Johnsen..... .....June 6, 1917

June 11, 1917—LOTS 174 AND 176 Gift Map No. 2. F W Matthai to whom it may concern....May 24, 1917

June 11, 1917—SE GROVE AND Shrader E 25xS 87-6. Joseph C Kirby to whom it may concern.....

June 12, 1917—W FOURTH bet. Channel and Hubbell. Southern Pacific Co to C B Eaton and J Smith.....June 5, 1917

June 12, 1917—E SECOND 190 S Harrison S 50xE 130. Louis A Giacobbi to T W McClenahan Co.. .....June 11, 1917

June 12, 1917—E HARRIET 150 S Bryant S 25xE 75. W I and H E Simpton to Jno E Beck..June 11, 1917

June 13, 1917—SE GEARY AND Grant Av E 100 S 80 m or l SW 33 m or l W 73 m or l N 100. Bankers' Invst Co to Gladding, McBean & Co.....June 8, 1917

June 13, 1917—N BUSH 206-3 W Montgomery N 137-6xW 68-9. Jos G Hooper to J D Hannah..June 6, '17

June 13, 1917—N QUESADA AVE 400 SE Newhall. Joseph and Lena Giampietro to T L Sharman..... .....June 12, 1917

June 14, 1917—E TWENTY-FOURTH Ave 125 N Clement. Edw G Brugge to whom it may concern..... .....June 13, 1917

June 15, 1917—S PACIFIC AVE 165 E Baker E 27-6xS 127-8¼. David Bibbero to Petersen-James Co..... .....June 8, 1917

June 15, 1917—E EIGHTEENTH AV 50 N Anza N 25xE 82-6. John S Purcell to whom it may concern.. .....June 12, 1917

June 15, 1917—S GENEVA 180 W Munich Being Lot 11 Blk 21, Crocker Amazon Tract. Chas C Warren to Victor Gullmes..... .....June 10, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

June 1, 1917—NW LEAVENWORTH and O'Farrell W 80xN 25-9. Otis Elevator Co vs F C Keck, P F Reilly, Chas E Reinhart, E C Gaspard & Co and E C Gaspard....$577.50

June 1, 1917—NW O'FARRELL AND Leavenworth N 25-9xW 80. Petersen-James Co vs F C Keck....$1509.85

June 1, 1917—NE EDDY AND WEBster N 137-6xE 412-6. G W Courtney vs Wm B, Mary E, Jacob C, Sarah K and Mildred P Ketler, Walter R Huff, Geo A Burch, R & Daniel McColgan, Reginald Bell

and Eustace Bell and Mary E P Ketler Sheerin $1047.90

June 4, 1917 W GOUGH 60 S Fulton S 27-6xW 87-6. Dan P Dolan vs Demaestri Giacomo and G Christina $27.23

June 4, 1917—E TWELFTH AVE 200 N California N 50xE 120. The California Door Co vs Robert McClelland $189.50

June 4, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Holmes Planing Mill Co vs Robert McLelland $637.98

June 2, 1917—S HUGO 120 W Second Ave W 25xS 110. E A Howard & Co vs H C and J D Bayles.. .....$82

June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Franklin Street Planing Mill, $119.50; J S Guerin & Co, $144.60; Schwarz & Gottlieb, $44.75; Atlas Heating & Ventilating Co, $154 vs Robt McLelland .....

June 6, 1917—N JACKSON 72-1 W Franklin W 50xN 127-8¼. The Fernald Co, $85.65; Holmes Lime & Cement Co, $231.50; Western Lime & Cement Co, $102.38; Civic Center Supply Co, $72.10; H N McClure, $56.75; Richard Lynch, $500; Holmes Lime & Cement Co, $237.50 vs John Fay and Meyer Wood .....

June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120; E 12th Ave 225 N Cabrillo N 25xE 120. Lewis & Jourdain vs R McLelland $115

June 6, 1917—E TWELFTH AVE 225 N Cabrillo N 25xE 120. Schwarz & Gottlieb, $47.35; Edwin T Peterson, $93.30 vs J S and Robert McLelland .....

June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120. Julius E Back vs Robert McLelland, $37.50; Edwin T Peterson vs J S and Robt McLelland; Same.....$54.05

June 7, 1917—W TWENTY-FIRST Ave 175-3 S Santiago S 25xW 120. Oscar P Thornton vs Annie Warren $25

June 7, 1917—W TWENTY-FIFTH Ave 100 S California S 25 W 100 N 25 E 120. C E Moehrle (as Modern Sheet Metal Works) vs Henry A Lehfeldt $80

June 10, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. The Fernald Co, $85; Holmes Lime & Cement Co, $237.50; Civic Center Supply Co, $72.10; H N McClure, $56.75; Richard Lynch, $229.02; Western Lime & Cement Co, $102.38 vs John Fay and Annie Peyser

June 8, 1917—W TENTH AVE 250 S Lawton S 25xW 120 more or less. The Greater City Lumber Co. vs. Elizabeth Walsh and S. Tadd..$52.30

June 11, 1917—SE LEAVENWORTH and Francisco E 112-6xS 102. Thomas A Clark vs J B Inguglia.....$627.23

June 11, 1917—E THIRTY-FIRST Ave 75 N Clement N 27xE 100. Leonard Lumber Co vs Julia F Wilcox, H E and T W MacArthur (as MacArthur Bros).....$218.31

June 13, 1917—W PERU AVE AND Madrid SW 75xNW 75. Leonard Lumber Co vs Oscar Jacobs, H E and T W MacArthur (as MacArthur Bros) $1291.86

BAND SAW WANTED.

C. H. Hittenberger Co., 1108 Market street, is in the market for a 28 or 30 inch band saw, complete with table and other equipment. New or second hand.

NOTICE OF NON-RESPONSIBILITY.

San Francisco County.

June 11, 1917—LOT 18 BLK 12 St. Francis Wood Extension No. 1. Westgate Park Co as to improvements on leased property.....

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
1133	Lindquist	Owner	2000
1134	Henderson	Griffin	2000
1135	Sage	Griffin	2000
1136	Trahan	Owner	1800
1137	Taft	Sommarstrom	1000
1138	Chambers	Sommarstrom	1000
1139	Elmhurst	Owner	500
1142	Marinetti	Nichols	630
1143	Hochman	Owner	1450
1144	Adams	Adams	800
1145	Nethkin	Bell	1000
11150	Walnut	Lydeksen	600
1152	Auseon	Jones	450
1154	Hertzberg	Bay City	190
1155	Luhman	Stanley	2000
1156	Swaboda	Boyd	5000
1158	Stallone	Stallone	2000
1159	Leiter	Leiter	550
1160	Hodge	Hodge	600
1161	Shell Oil	Shell Oil	600
1162	Lawrence	Pedgrift	575
1163	Pfrang	Pfrang	2500
1164	Pacific Tank	Owner	4000
1165	Pfrang	Pfrang	2500
1167	Hoyt	Hoyt	1500
1168	McKay	McKay	1800
1169	Same	Same	1800
1170	Pac Mausoleum	Or Eng	60000
1171	Luhman	Stanley	2900
1172	East Bay Water	Owner	3000
1173	Same	Same	2800
1174	Same	Same	2500
1175	Same	Same	500
1176	Same	Same	450
1177	Same	Same	1500
1178	Filomeo	Filomeo	500
1179	R C Archbishop	Walsh	1000
1180	Madsack	Madsack	800
1181	Galpin	Chapin	500
1183	Goldwater	Miller	5500
1184	Howard Co	Tibbitts	27580

(1133) W EIGHTY-SEVENTH AVE 125 E Plymouth, Oakland. One-story five-room dwelling.
Owner.....John Lindquist, 1634 84th avenue, Oakland.
Architect.....None.
Day's work. COST, $2,000

(1134) W EIGHTY-FIFTH AVE 120 N Blanch, Oakland. One-story five-room dwelling.
Owner.....N. Henderson, 1938 Telegraph, Oakland.
Architect.....None.
Contractor....C. M. Griffin, 746 5th Ave., Oakland.
COST, $2,000

DWELLING
(1135) W FAIRFAX AVE 300 N Ygnacio, Oakland. One-story, five-room dwelling.
Owner.....S. Sage, 1012 Helen, Oakland.
Architect.....None.
Contractor....C. M. Griffin, 746 5th Ave., Oakland.
COST, $2,000

DWELLING
(1136) E NINETEENTH AVE 70 S E-25th St., Oakland. One-story five-room dwelling.
Owner.....G. B. Trahan, 2508 E-27th Ave., Oakland.
Architect.....None.
Day's work. COST, $1,800

ELECTRIC SIGN
(1137) NW FOURTEENTH and Clay, Oakland. Electric sign.
Owner.....Taft & Pennoyer, Prem.
Architect.....None.
Contractor....Prism Sign Co., 1915 Broadway, Oakland.
COST, $400

ALTERATION
(1138) 5509 MANILA AVE, Oakland. Alteration.
Owner.....J. F. Chambers, Plaza Bldg., Oakland.
Architect.....None.
Contractor....A. Sommarstrom, Plaza Bldg., Oakland.
COST, $1,000

GREENHOUSE
(1139) 2277 EIGHTY-SECOND AVE, Oakland. Greenhouse.
Owner.....Elmhurst Floral Co., Premises.
Architect.....None.
Day's work. COST, $500

ALTERATION
(1142) 1203 NINETY-SIXTH AVE. Oakland. Alteration.
Owner.....G. Marinetti, 492 Broadway, S. F.
Architect.....None.
Contractor....H. J. Nichols, 1325 93rd Ave., Oakland.
COST, $630

DWELLING
(1143) W FIFTY-SEVENTH AVE 217 N E-14th St., Oakland. One-story five-room dwelling.
Owner.....John Hochman, 1244 51st Ave., Oakland.
Architect.....None.
Day's work. COST, $1450

DWELLING
(1144) W MERRITT AVE 60 S Brooklyn Ave., Oakland. One-story five room dwelling.
Owner.....Tillie Adams, 1204 Lincoln Ave., Alameda.
Architect.....None.
Contractor....Chas. Adams, 1204 Lincoln Ave., Alameda.
COST, $800

DWELLING
(1145) W TWENTY-THIRD AVE 50 S Hopkins, Oakland. One-story 4-room dwelling.
Owner.....H. Nethkin, 3657 39th Ave. Oakland.
Architect.....None.
Contractor....W. P. Bell, 2202 50th Ave. Oakland.
COST, $1000

ALTERATION
(1150) NE FORTY FIRST and Market, Oakland. Alteration.
Owner.....Walnut Grove Creamery Co., Premises.
Architect.....None.
Contractor....Geo. H. Lydiksen, 1244 29th Ave., Oakland.
COST, $600

ALTERATION
(1152) NO. 1447 BROADWAY, Oakland. Alteration.
Owner.....P. H. Auseon.
Architect.....None.
Contractor....J. G. Jones, 1217 Webster, Oakland.
COST, $500

ALTERATION
(1154) NO. 471 FOURTEENTH ST., Oakland. Alteration for store.
Owner.....J. Hertzberg, Premises.
Architect.....None.
Contractor....Bay City Cabinet Co., 1080 5th St., Oakland.
COST, $1900

DWELLING
(1155) N YGNACIO AVE 37 E 50th Ave., Oakland. One-story seven-room dwelling.
Owner.....Chas. Luhman, Alameda.
Architect.....None.
Contractor....Stanley & Selring, 1222 48th Ave., Oakland.
COST, $2900

FLATS
(1156) W LINDEN 500 N 10th, Oakland. Two-story, 16-room flats.
Owner.....F. Swaboda, 1029 Linden, Oakland.
Architect.....None.
Contractor....W. E. Boyd, 611 22nd St., Oakland.
COST, $5000

DWELLING
(1158) N MAIN 75 W Ramona, Albany. One-story 5-room dwelling.
Owner.....V. Stallone, 291 Mission, San Francisco.
Architect.....None.
Day's work. COST, $2000

ALTERATIONS
(1159) NO. 3699 WEST, Oakland. Alterations.
Owner.....E. T. Leiter, 3601 West, Oakland.
Architect.....None.
Contractor....E. T. Leiter & Sons, 530 15th, Oakland.
COST, $550

ADDITION
(1160) NO. 2216 RANSOME AVE., Oakland. Addition.
Owner.....J. R. Hodge, 1749 16th Ave., Oakland.
Architect.....None.
Day's work. COST, $600

STATION
(1161) SW FORTIETH AND PIEDmont Ave., Oakland. Gasoline station.
Owner.....Shell Oil Co. of California 343 Sansome, S. F.
Architect.....None.
Day's work. COST, $600

ALTERATIONS
(1162) NO. 325 THIRTEENTH, Oakland. Alterations.
Owner.....Lawrence Warehouse Co., Premises.
Architect.....None.
Contractor....Jas. H. Pedgrift, 565 16th, Oakland.
COST, $575

DWELLING
(1163) W PERALTA 340 S Solona. Albany. One-story 5-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect.....None.
Contractor....C. J. Pfrang, 5487 Claremont Ave., Oakland.
COST, $2500

DRY KILN
(1164) TIDAL CANAL — N High, Oakland. Hollow tile dry kiln.
Owner.....Pacific Tank & Pipe Co., 318 Market, S. F.
Architect.....None.
Day's work. COST, $4000

DWELLING
(1165) W PERALTA 300 S Solona, Albany. One-story 5-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect.....None.
Day's work. COST, $2500

DWELLING
(1167) NO. 1038 ORDWAY, Albany. One and one-half-story 6-room dwlg
Owner.....Harry H. Hoyt, 1038 Ordway, Oakland.
Architect.....None.
Day's work. COST, $1500

DWELLING
(1168) S SANTA FE 390 W Sonoma, Albany. One-story 5-room dwlg.
Owner.....W. D. McKoy, 3029 E St., Sacramento.
Architect.....None.
Days work COST, $1800

DWELLING
(1169) S SANTA FE 430 W Sonoma, Albany. One-story 5-room dwlg.
Owner.....W. D. McKoy, 3029 E St., Sacramento.
Architect.....None.
Day's work. COST, $1800

MAUSOLEUM
(1170) GIBSON AVE AND TRENORK Oakland. Concrete and granite mausoleum.
Owner.....Pacific Mausoleum Co., Union Bank of Savings Bldg., Oakland.
Architect.....B. J. Cahill, Union Bank of Savings Bldg., Oakland
Contractor....Orange County Eng. & Constr. Co., 504 Union Savings Bank Bldg., Okd.
COST, $60,000

DWELLING
(1171) NE FIFTIETH AVE AND Ygnacio, Oakland. All work for one story six-room dwelling.
Owner.....John Peter Luhman, 1250 Carolina, Alameda.
Architect.....None.
Contractor....J. A. Stanley and William Sebring, 1222 48th Ave., Oakland.
Filed June 15, '17. Dated June 14, '17. Weekly payments by owner.....
TOTAL COST, $2900
Bond, none. Limit, 75 days after June 11. Forfeit, none. No plans or specications filed.

STOREROOM
(1178) SE TWENTY-SECOND AND Adeline, Oakland. Two-story storeroom.
Owner.....East Bay Water Co., 9th and Broadway, Oakland.
Architect.....None.
Day's work. COST, $3000

SHOP
(1173) W ADELINE 68 S 22nd, Oakland. Two-story repair and carpenter shop.
Owner.....East Bay Water Co., 9th and Broadway, Oakland.
Architect.....None.
Day's work. COST, $2800

MACHINE SHOP
(1174) S TWENTY-SECOND 108 W Adeline, Oakland. One-story machine shop.
Owner.....East Bay Water Co., 9th and Broadway, Oakland.
Architect.....None.
Day's work. COST, $2500

BLACKSMITH SHOP
(1175) S TWENTY-SECOND 220 W Adeline, Oakland. One-story blacksmith shop.
Owner.....East Bay Water Co., 9th and Broadway, Oakland.
Architect.....None.
Day's work. COST, $500

STOREROOM
(1176) S TWENTY-SECOND 220 W Adeline, Oakland. One-story storeroom.
Owner.....East Bay Water Co., 9th and Broadway, Oakland.
Architect.....None.
Day's work. COST, $450

SHED
(1177) S TWENTY-SECOND 300 W Adeline, Oakland. One-story fitting shed.
Owner.....East Bay Water Co., 9th and Broadway, Oakland.
Architect.....None.
Day's work. COST, $1500

ALTERATIONS
(1178) NO. 924 KIRKHAM, Oakland. Alterations.
Owner.....Frank Filomeo, Premises.
Architect.....None.
Day's work. COST, $500

ALTERATIONS
(1179) NW FORTIETH AND GROVE, Oakland. Alterations and additions.
Owner.....Roman Catholic Archbishop, Premises.
Architect.....None.
Contractor....P. S. Walsh, 495 Rich, Oakland.
COST, $1000

DWELLING
(1180) N PARK BLVD 100 W Greenwood Ave., Oakland. One-story 4-room dwelling.
Owner.....Gust Madsack, 1661 16th, Oakland.
Architect.....None.
Day's work. COST, $800

ADDITION
(1181) NO. 52 OAKVALE, Berkeley. Addition.
Owner.....Julia B. Galpin, 2417 Prospect, Berkeley.
Architect.....None.

Contractor L. E. Chapin, Security Bank Bldg., Oakland.
COST, $500

BRICK BUILDING
(1183) NW TWENTY-THIRD AND Broadway, Oakland. Basement and foundation work for brick building.
Owner.... .. Mandel Goldwater, 358 Grand Ave., Oakland.
Architect F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor F. A. Muller, Syndicate Bldg., Oakland.
COST, $5500

PIER SHED, ETC.
(1184) FOOT MYRTLE ST. on Oaklad Estuary, Oakland. All work for pier and one-story frame, steel and corugated iron pier shed.
Owner.....Howard Co., Premises.
Engineer .....Cattell, Howard & Ashton, 68 Post, S. F.
Contractor....Tibbitts-Pacific Co., 16 California, San Francisco
Filed June 16, '17. Dated May 21, '17.
10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $27,580
Bond, $15,000. Surety, California Casualty Co. Limit, 75 days. Forfeit, none. Specifications only filed.
NOTE:—1st report May 24, No. 1024

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
1140	Renwick	Renwick	400
1141	Fredrickson	Owner	600
1149	Jones	Jones	500
1151	Turner	Petersen	450
1153	Wollpe	Sherwood	450
1166	Spitler	Spitler	3000
1182	Macauley	Macauley	400

ALTERATIONS
(1140) NO. 1508 OXFORD, Berkeley. Alterations.
Owner.....Kate E. Renwick, Prem.
Architect .....None.
Day's work. COST, $400

ALTERATIONS
(1141) NO. 2321 HASTE, Berkeley. Alterations.
Owner.....Peter Fredrickson, 111 Shasta, Berkeley.
Architect .....None.
Day's work. COST, $600

GARAGE
(1149) NO. 1432 CARLTON, Berkeley. Garage.
Owner.....H. W. Jones, Premises.
Architect .....None.
Day's work. COST, $500

ALTERATION
(1151) NO. 2111 KITTREDGE, Berkeley. Alteration.
Owner.....Turner & Dahnken, 924 Market, S. F.
Architect.....None.
Contractor....E. Petersen, 3530 23rd St., San Francisco.
COST, $450

ADDITION
(1153) NO. 30 EL CAMINO REAL. Berkeley. Addition.
Owner F. L. Wollpe, Premises.
Architect.....None.
Contractor J. P. Sherwood, 463 60th St., Oakland.
COST, $450

DWELLING
(1166) E THE ALAMEDA 200 S Eldorado, Berkeley. One-story 6-room dwelling.
Owner.....E. B. Spitler, 815 Oxford, Berkeley.
Architect .....None.
Day's work. COST, $3000

GARAGE
(1182) SIXTH AND CARLTON, Berkeley. Garage.
Owner H. C. Macauley Foundry Co., Premises.
Architect .....None.
Days work. COST, $400

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
1146	Wolff	MacRae	1200
1147	Deal	Anderson	600
1148	Porter	Lee	400

DWELLING
(1146) NO. 2148½ CLINTON, Alameda. One-story 3-room dwelling.
Owner.....A. Wolff, Premises.
Architect .....None.
Contractor....C. W. MacRae, 2315 Encinal Ave., Alameda..
COST, $1200

ALTERATIONS
(1147) NO. 2909 MADISON, Alameda. Alterations and additions.
Owner.....C. M. Deal, 3221 Encinal Ave., Alameda.
Architect .....None.
Contractor....Anderson & Theile, 551 Filbert, Oakland.
COST, $600

ADDITION
(1148) NO. 1816 SAN JOSE AVE., Alameda. Addition.
Owner.....A. W. Porter, Premises.
Architect .....None.
Contractor....Samuel Lee, 1632 San Antonio Ave., Alameda.
COST, $400

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
The Landregan Tract, Emeryville. Sterling Paint Co. to Sommarstrom Bros.....May 31, 1917
June 1, 1917—LOT 23 Map 2 Central Oakland Tract, Okd. A L White to M P Brasch.....June 1, 1917
June 1, 1917—LOT 16, BLK A, Lakewood Park, Oakland. M. Hollested to whom it may concern.....June 1, 1917
June 2, 1917—LOT 23 BLK 23 Map San Antonio, Okd. A E Wyber to Alex C Wieben.....May 23, 1917
June 2, 1917—W THIRTY-THIRD Ave 115 S E-16th S 36 , Okd. Harry V Willcutt to W L Goodwin .....May 28, 1917
June 2, 1917—LOT 5 Map Plot 10, Ptn Hitchcock Tract, Okd. Laura E Leach to Fred H Field..May 24, '17
June 4, 1917—NE 50 LOT 23 AND SW 25 Lot 22, Blk 4, Map Oak Lawn, Oakland Blanche Harlow Strong to Strong Realty Co May 31, 1917.
June 4, 1917—LOT 22, BLK 4, Map Thousand Oaks Station Tract, Berkeley. George Friend to A. H. Fallen .....June 1, 1917
June 6, 1917 NE BROOK 80 E Broadway SE 47.59 NE 125.63 NW 103.82 SW 113.36, Okd. F W Taylor to Sommarstrom Bros....June 6, 1917
June 6, 1917 W UNION 100 N 7th, Oakland. B. Brosin to C. M. Griffin .....June 6, 1917
June 6, 1917—NE BROOK ST., 80 E Broadway SE 47.59 NE 125.63 NW 103.82 SW 113.36, Oakland. F. W. Taylor to Sommarstrom Bros..... June 6, 1917.
June 7, 1917—LOT 4, BLK 2, Map Claremont, Berkeley. Blanche C. Whiteside to Jones & McGovern .....June 4, 1917
June 7, 1917—SW FOURTH AND Jackson streets, Oakland. Doak Gas Engine Co. by Chester H. Miller to C. Christenson & Son..... .....June 6, 1917
June 7, 1917—SW E-SEVENteenth St 277.10 NW Nutley Ave NW 33 SW 100, Oakland. John Reining and Laura C. Reining to Lawrence Flagg Hyde..June 7, 1917
June 8, 1917—LOT 20, BLK 19, Map Melrose Heights, Oakland. May L. Zappettini to whom it may concern .....June 6, 1917
June 9, 1917—N 45 LOT 23, BLK 1, Northbrae Station Tract, Berkeley. C. R. Madison to Mason-McDuffie Co. .....June 1, 1917
June 11, 1917—S 20 LOT 27 AND N 20 Lot 28, Blk H, Map Hillegass Property, Berkeley. St. John's Presbyterian Church to J. W. Buskirk .....June 2, 1917
June 12, 1917—LOT 18 Fuller & Todd Tract, ——. Fuller & Todd Realty Co to M C Vaughn..... .....June 9, 1917
June 13, 1917—LOT 83, Map Fourth Avenue Terrace Extension, Oakland. W. D. Nichols to whom it may concern .....June 1, 1917
June 14, 1917—SW ROSS ST and Harwood Ave, 42x80, Oakland. Joseph Coward to whom it may concern .....June 14, 1917
June 14, 1917—BOUNDED ON N BY 1st St, S by Oakland Harbor, W by Myrtle St., produced S and on E by Clay St., Oakland. Pacific Gas and Electric Co. to Pacific Coast Dredging and Reclamation Co. .....June 6, 1917
June 14, 1917—NW SEMINARY AVE and SW Foothill Blvd SW 125 NW 80 NE 74.5 SE 100. Mrs. Lonore C. Moulin to G. Sandberg..... .....June 8, 1917
June 14, 1917—LOT 2 BLK 7, Map Northbrae, Berkeley. R. E. French to C. E. Sinclair.....June 1, 1917
June 14, 1917—LOT 5 BLK 1 Grand View Terrace, Berkeley. A. W. Bailey to Edward W. Larmer..... .....June 9, 1917

LIENS FILED

ALAMEDA COUNTY

RECORDED AMOUNT
June 7, 1917—S SEVENTH ST 100 E Chester St., E 25xS 100, Oakland. John Vukovick to Luiza and Philip Lomick and M. M Sacco $1,617.19
June 6, 1917 S PARK BLVD 201.34 NE E-28th being Lot 16 and Ptn Lot 17 Map Ardsley Heights, Okd. E W Urch vs C M Peck. .. $152

June 9, 1917—LOT 4, BLK L, Map Extension Meek Orchard Tract. J. W. Jewell vs J. Smith $100.50

June 9, 1917—SW NINTH ST 100 SE Franklin St SE 37½xSW 100, Oakland. Rhodes, Jamieson & Co. vs. L. W. Allen, John Doe and Richard Roe, doing business as Tong Sang & Co., and Julia M. Donohue....$30.40

June 9, 1917—LOT 45, BLK F, Lakewood Park, Piedmont. D. J. O'Connell vs. James J. Granville $91

June 11, 1917—E WINDSOR AVE 40x100 being Lot 45, Map Lakewood Park Tract, Piedmont. R. A. Kronke vs. James J. Granville....$13

June 11, 1917—LOT 45, BLK F, Lakewood Park Tract, Piedmont. Chamberlain & Osgood vs. James J. Granville.....$28.70

June 12, 1917—LOT 45 BLK "F" Map Lakewood Park, ——. Emeryville Hardware & Tool Co, $64.80; Adam Schmidt & John Blitsch, $343; Spott Bros, $37.50; Fred P Ollerich, $61.75; P H Franks, $38.75 vs James J Granville.....

June 13, 1917—S NINTH ST 100 E Franklin St., E 37-6xS 100, Oakland. Sunset Lumber Co. vs. L. W. Allen, Julia M. Donohue and Tong Sang Co.....$238.79

June 13, 1917—LOT 45 BLK F, Map Lakewood Park, Piedmont. W. H. Picard, $79.05; Herbert A. Hansen (Hansen Floor Co), $41; Rhodes, Jamieson & Co, $232.35 vs James J. Granville .....

June 13, 1917—SW COLUSA AVE 499.70 NW Portland Ave NW 40 SW 100, Oakland Tp. Sunset Hardware Co. vs. William C. and Clara F. Mason.....$97.67

June 13, 1917—NW 40 LOT 9 BLK 15, Map Thousand Oaks, Oakland Tp. C. R. Cox vs. Wm. C. Mason and Clara F. Mason $32.50

June 13, 1917—SE 10 LOT 9 and NW 30 Lot 10, Blk 15, Map Thousand Oaks, Oakland Tp. F. M.Dreisnach (Zenith Mill & Lumber Co.) vs. W. C. and Clara Mason....$227.76

June 13, 1917—NW 40xSE 100 LOT 9, Blk 15, Map Thousand Oaks, Oakland Tp. Stege Lumber and Hardware Co. vs. William C. Mason, Mary Jane Mason and Black & White Co. $28.61

June 14, 1917—SW COLUSA AVE 499.70 NW Portland Ave NW 40x SW 100, Oakland Tp. Joseph H. Jevons to Wm. C. Mason.....$112

June 14, 1917—SE 10 LOT 9 and NW 30 Lot 10 Blk 15, Map Thousand Oaks, Oakland Tp. Contra Costa Building and Materials Co. vs. Wm. C. and Clara F. Mason.....$98.30

June 14, 1917—NW 40 LOT 9, BLK 15, Map Thousand Oaks, Oakland Tp. Zenith Mill and Lumber Co., $227.76; Stege Lumber and Hardware Co., $28.61; Pacific Mfg. Co., $127, vs. William C. and Clara F. Mason .....

BUILDING CONTRACTS.

Contra Costa County.

PAINTING, ETC.
PERES AND STEGE SCHOOLS, City of Richmond. All work of tinting, varnishing and painting of the Peres and Stege schools.
Owner.....Board of Education of Richmond School District.
Architect.....None.
Contractor....Zeb Knott, 319 7th, Richmond.
Filed June 9, '17. Dated June 4, '17. On or about 1st of each month.. 75%
Usual 35 days 25%
TOTAL COST, $775
Bond, $775. Sureties, J. H. Plate. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

PLUMBING, ETC.
BLK 9, TURPIN ADDITION to City of Richmond. All work for plumbing, carpenter work, concrete work, etc.
Owner.....Board of Education of the City of Richmond.
Architect.....None.
Contractor....J. S. Collins, 252 17th, Richmond.
FiledJune 9, '17. Dated May 31, '17. On 1st of month 75%
30 days after completion and acceptance 25%
TOTAL COST, $2,298
Bond, $1,145. Sureties, Maryland Casualty Co. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

Contra Costa County.

RECORDED ACCEPTED
June 8, 1917—LOT 36 BLK 79, City of Richmond Tract. H W Clear to O J Dahl.....June 2, 1917
June 9, 1917—LOT 9 BLK 18 Richmond Traffic Centre. Isaac L Merrill to Matt L Koski.....May 16, 1917

LIENS FILED.

Contra Costa County.

RECORDED AMOUNT
May 26, 1917—LOT 11 BLK 218 in Wall's Second Add'n to Richmond. R A Washburn vs M E and J G Taylor $66

RELEASE OF LIENS

Contra Costa County.

RECORDED AMOUNT
June 2, 1917—LOTS 7, 8 AND 9 BLK 101 Map of Town of Antioch. Hutchinson Co to H U and W E Meek Co $493.50

COMPLETION NOTICES.

Marin County.

RECORDED ACCEPTED
June 11, 1917—MILL VALLEY. E M Cofer to Ed Zinkand.....May 30, 1917

LIENS FILED.

Marin County

RECORDED AMOUNT
June 15, 1917—SAN GERONIMO. Peter and Angelo Pedrini vs Harry E Cassidy.....$370.43
June 15, 1917—SAN GERONIMO. Peter and Angelo Pedrini vs Sadie Thorndyke Keller.....$352.28

BUILDING CONTRACTS.

Fresno County.

APARTMENTS
LOTS 11, 12 BLK 134, Fresno. All work for apartments.
Owner.....T. E. Marshall.
Architect .....None.
Contractor....A. Allen, 259 Blackstone St., Fresno.
COST, $12,000

DWELLING
LOT 21 PTN LOT 22 BLK 101, Fairmount. Dwelling.
Owner.....K. B. Heights.
Architect .....None.
Contractor....H. T. Humphreys, 534 Poplar St., Fresno.
COST $1000

DWELLING
PTN LOTS 30 TO 35 BLK "A" Iowa Addition, Fresno. Dwelling and garage.
Owner.....K. C. Buwalda, 901 Mono St., Fresno.
Architect .....None.
Day's work. COST, $1900

DWELLING
LOT 13 BLK 22 Alta Vista Tract, Fresno. Dwelling and garage.
Owner.....R. L. Craighead, 169 Yosemite St., Fresno.
Architect .....None.
Day's work. COST, $4200

ALTERATIONS
LOTS 9 AND 10 BLK 60, Fresno. Alterations.
Owner.....W. Parker Lyon, 1134 I St., Frseno.
Architect .....None.
Day's work. COST, $1000

ALTERATIONS
NO. 153 VALERIA ST., Fresno. Alterations to residence.
Owner.....Chas. Erickson, Prem.
Architect .....None.
Contractor....R. Pedersen & Co., 450 San Pablo St., Fresno.
COST, $1000

DWELLING
LOTS 1 TO 6 BLK 5, Vincent Tract, Fresno. Concrete dwelling.
Owner.....S. F. Crozier.
Architect .....None.
Contractor....C. Samuelsen, 367 Jensen St., Fresno.
COST, $6525

DWELLING, ETC.
LOTS 29 TO 33 BLK 10, Altamont Addition, Fresno. All work for one 4-flat building and one dwelling and garage.
Owner.....Susan Roberts, 205 Blackstone St., Fresno.
Architect .....None.
Contractor....Dan Blosser, 217 Abbey St., Fresno.
COST, $10,700

PACKING HOUSE
SANTA FE RESERVATION. All work or packing house.
Owner.....E. Y. Foley Co., 734 O, Fresno.
Architect.....None.
Contractor F. J. Stone, 3175 Washington, Fresno.
COST, $9776

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
Jan. 7, 1917 W ½ OF E ½ SEC. 31, 19-15, Fresno. West Coast Drilling & Constr Co to whom it may concern.....June 3, 1917
June 14, 1917 LOTS 17 TO 27 BLK 141, Fresno. Pacific Coast Grocery Co to Trewhitt-Shields Co.....June 5, 1917
June 13, 1917 NW 48 FT LOTS 12, 13, Blk 49, Fresno. Pacific Gas and Electric Co. to Trewhitt & Shields Co.....June 4, 1917
June 3, 1917—LOTS 13 AND 14, Blk 49, Fresno. Pacific Gas and Electric Co. to whom it may concern .....June 4, 1117

BUILDING CONTRACTS.

Sacramento County

(Correction in Location)
STORE AND DWELLING
NO. 3001 O ST., Sacramento. All work for two-story store and dwelling (7 rooms and bath.)
Owner.....W. H. Basler, 12th St. Road, Sacramento.
Architect.....None.
Contractor....A. W. Norris, 3012 G Sacramento.
COST, $3840

REPAIRS
NO. 2326 K, SACRAMENTO. Repairs.
Owner.....E. H. Bitzer, 2407 L., Sacramento.
Architect.....None.
Contractor....L. C. Moore, 1414 19th, Sacramento.
COST, $636

ADDITION
NO. 1014 SEVENTEENTH, Sacramento. Addition to dwelling.
Owner.....J. Kost, 1630 J, Sacramento.
Architect.....None.
Contractor....Barton & Hite, 1006½ 9th, Sacramento.
COST, $600

ADDITION
NO. 1525 FIFTY-SECOND ST., Neil Tract, Sacramento. All work for one-story frame addition to dwelling
Owner.....Charles H. Crocker, 604 I, Sacramento.
Architect.....None.
Day's work. COST, $900

FIRE HOUSE
NO. 2530 PORTOLA WAY, Sacramento. All work for one-story Dennison tile fire house, 55x55x24 feet.
Owner.....City of Sacramento.
Architect.....None.
Contractor....E. Thomas, 202 24th St., Sacramento.
COST, $5,858

RECONSTRUCTION
S. P. SHOP GROUNDS, Sacramento. Reconstruct car repair shop No. 3; new 17″ and 12″ walls, concrete floors, 1¾″ T. & G. roof sheathing covered with 5-ply asphalt and gravel.
Owner.....Central Pacific Railway, S. P. Depot, Sacramento.
Architect.....None.
Day's work. COST, $45,000

SCHOOL BUILDINGS
WALNUT GROVE. All work to erect and complete alterations to two school buildings.
Owner.....Walnut Grove School District.
Architect. R. A. Herold, Forum Bldg., Sacramento.
Contractor....Chatterton Bros., 3126 T Street Court, Sacramento.
Filed June 9, '17. Dated June 6, '17.
Foundations completed school No. 1 $836
Both schools framed & roofs on 836
Both schools completed and accepted 837
Usual 35 days 837
TOTAL COST, $3,346
Bond, none.. Sureties, Matilde Halloran and Geo. B. Stack. Forfeit, $10. Limit, not given. Plans and specifications filed.

Sacramento County.

ALTERATIONS
TENTH AND K STS. (Physicians' Building), Sacramento. All mill work for alterations and additions to five-story Class "C" office bldg.
Owner.....Physicians' Bldg. Co., 1005 K St., Sacramento.
Architect.....Woollett & Woollett, Highland Park and Ridge Road, Berkeley.
Contractor....Geo. D. Hudnutt, Inc., California Fruit Bldg., Sacramento.
Sub-Contractor....Capitol City Planing Mill, 815 "S," Sacramento.
Filed June 1, '17. Dated June 8, '17.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $7170
Bond, $3585. Sureties, Mateo Lopesich and Lucretia Ljubelich. Limit, 90 days. Forfeit, none. Specifications only filed.

METAL FURRING, LATHING AND plastering on above.
Contractor....T. J. Pennish, 1516 O St., Sacramento.
Filed June 11, '17. Dated May 24, '17.
Payments same as above.....
TOTAL COST, $8355
Bond, $4117.50. Sureties, M. A. Pennish and Christian Pennish. Limit, 50 days. Forfeit, none. Specifications only filed.

BUILDING CONTRACTS.

San Joaquin County.

ADDITION
LINDSAY ST., bet. El Dorado and Hunter Sts., Stockton. Addition of one story to concrete building.
Owner.....W. N. Gregg.
Architect.....None.
Day's work. COST, $5000

LODGE HALL
LODI. All work for one-story frame lodge hall.
Owner.....Eagles, Lodi.
Architect.....Joseph Loskann, San Joaquin Bldg., Stockton.
Contractor....W. D. Voorhies & Son, 200 E-Lodi Ave., Lodi.
Filed June 7, '17. Dated May 24, '17.
Rough frame completed $1666
Enclosed 1666
Completed and accepted 1765
TOTAL COST, $5097
Bond, $2549. Sureties, Jules Perrin, J. P. Gilbean. Limit, 60 days. Forfeit, $5. Plans and specifications filed.

HEATING AND PLUMBING on above.
Contractor....Perrin Bros., Stockton.
Filed June 7, '17. Dated May 24. '17.
Foundations $584
All completed 400
TOTAL COST, $984
Bond, $492. Sureties, J. P. Gilbean, B. Renfret. Limit, 10 days. Forfeit, $5. Plans and specifications filtd.

TILE AND MARBLE
MAIN AND SAN JOAQUIN, Stockton. All tile and marble work for interior of bank room.
Owner.....Farmers and Merchants Bank, Main and San Joaquin, Stockton.
Architect....P. J. Walker, Monadnock Bldg., S. F.
Contractor....H. P. Fisher Tile and Marble Co., 318 N. California, Stockton.
Filed June 7, '17. Dated May 14, '17.
Semi-monthly of 75%
Usual 35 days 25%
TOTAL COST, $8852
Bond, $4426. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 50 days. Plans and specifications filed.

1562	Kezan	Jackson	575
1563	Reinhart	Burnett	450
1564	Children's Hsptl	Healing	600

ALTERATIONS
(1562) NE CALIFORNIA & LAGUNA Alter dwelling.
Owner.....M. H. Kezar, 200 Laguna, San Francisco.
Architect.....None.
Contractor....A. Jackson, 583 7th Ave., San Francisco.
COST, $575

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ALTERATIONS

(1563) N TWENTY SIXTH 20 W Mission. New roof and replace windows.
Owner A. Reinhart, Hearst Bldg San Francisco.
Architect None
Contractor A W Barnett, 3319 22nd. San Francisco.
COST, $450

PARTITION

(1564) NE CALIFORNIA & CHERRY. Erect partition.
Owner.....Children's Hospital, Prem
Architect .....None.
Contractor...Geo. Healing, 110 Jessie, San Francisco.
COST, $600

PROGRESS REPORT OF VARIOUS STATE BUILDING PROJECTS.

Through the courtesy of the State Department of Engineering and State Architect George B. McDougall we are enabled to give our subscribers the first authoritative report of progress being made on plans and specifications for buildings to be erected from the funds appropriated at the last session of the legislature. In this report is given the character of work to be undertaken, type of construction wherever possible, amount allotted for each building, condition of plans at present and approximate date when bids will be advertised.

Norwalk State Hospital.

Three cottages are to be erected for patients from an appropriation of $132,000. One cottage will be two stories and basement of reinforced concrete and brick. The other two structures will each be one story and basement and constructed of brick and frame. Preliminary sketches are about to be started in the State Architects office. Bids will be called for by the middle of September or early in October.

California School for Girls.

This institution will be located in Ventura County and has been granted an appropriation of $220,000. Of the buildings outlined in a very preliminary study, the most important are three cottages, each two stories and of concrete and frame, $60,000; a two or three story trades building and gymnasium of similar construction, $30,000; development of water system, $10,000, and a one-story ice plant, $20,000. Architecture plans have not been started. Bids will probably be called for during October or November.

Improvements at Folsom Prison.

About $73,000 is available, or will be shortly, for new construction and repairs at the Folsom State Prison. Under a general head of repairs and improvements the sum of $25,000 has been allowed. A frame and concrete boiler plant and distributing system will cost $15,000. Seven frame cottages for the guards will be erected at a cost of $12,500. The sum of $11,000 has been allowed for a sewerage disposal system. A one or two story prison school building will be erected at a cost of $10,000. This later building will be of granite. Considerable of the work will be done by prison labor, and some of the construction on the sewage disposal system has already been started. Bids for other parts of the work will be called for during August and September.

Santa Barbara State Normal.

A frame gymnasium building of two stories will be erected at this institution. An approximate cost of $20,000 is placed on the construction. No plans have as yet been started and no date can be given when bids will be called.

San Jose State Normal.

An assembly hall and its equipment has been provided for in an appropriation of $80,000. Other than the fact that construction will be of reinforced concrete no details are known at this time. Construction will probably not be undertaken before the spring of 1918.

Office of Secretary of State.

A new fireproof vault costing $4,000 will be installed in the office of the Secretary of State at Sacramento. Bids will be called for in October.

Mendocino State Hospital.

Work amounting to about $100,000 will be undertaken in October or November at the Mendocino State Hospital. This construction is divided as follows: Reconstruction of Ward No. 5, $20,000; installing two new boilers, $18,000; laundry and bakery building, $28,000; reconstructing of Ward No. 7, $5,000; installing a water softening plant, $7,500, and increasing present water supply system, $5,000. Building construction will be of brick and frame.

Agnews State Hospital.

A two-story reinforced concrete workers cottage for males will be erected. The sum of $45,000 is now available. Preliminary plans have been started and bids will be called for during the fall.

Fresno State Normal.

A fund off $20,600 has been provided for school equipment and improvements to the school grounds. Bids will be called for in September or October.

PASSING OF THE OLD COACH.

Visitors to Yellowstone National Park Hereafter Will Travel in Speedy and Comfortable Touring Cars.

The old-fashioned stage coach has passed from its "last stand" in the Yellowstone National Park. In 1915 Secretary Lane admitted private automobiles to the park, but retained the horse-drawn stages. This necessitated special motaor schedules to avoid accidents. The situation remained the same last season under an enormous increase of motor travel. This season, however, the old stages are replaced by a fleet of seven and ten passenger cars, and the restrictions to general automobile travel are largely removed. The work begun in 1915 is completed. The Yellowstone is motorized.

This change was not accomplished wholly without opposition. Many persons held that the old stages should be retained for sentimental and historical reasons. But, while the Department of the Interior shared their regrets in the passing of so picturesque an institution, there was no withstanding the march of progress. Visitors were increasing rapidly and were demanding a faster passage between scenic spots than horse-drawn vehicles permitted. Those with limited time complained that more than half their visit was spent in passage through uninteresting lodgepole forests—time which they wanted in the geyser basins, at the Canyon, and at the greater lakes. Others complained that the stage rides were so exhausting that they could not appreciate the great spectacles when they reached them. And the demand of touring motorists for greater freedom grew even louder and more insistent.

So progress had its way and this year we have a new Yellowstone.

The automobile service will be adequate and rapid. Those who have at their disposal only the six days which was the necessary minimum of a Yellowstone visit under the old transportation system will now be able to spend nearly all of it at points of special scienic interest or in seeing wilderness features never seen by former visitors of limited stay.

As for the motorist, he will now be able to use the park's more than two hundred miles of road with almost the same freedom as roads anywhere else in America.

NATIONAL PARKS ORGANIZED.

The National Park Service, Which Congress Created Last August, Begins Work Under April Appropriations.

The National Park Service which was created by act of Congress in August ,1916, to administer the national parks under one correlated system has been organized under appropriations made in April. Secretary Lane has appointed as Director Mr. Stephen T. Mather who, to accept the place, resigned the office of Assistant to the Secretary of the Interior. Horace M. Albright becomes Assistant Director, and Frank W. Griffith Chief Clerk of the new bureau.

Secretary Lane began the work of national park development, the success of which is insured by the organization of this new bureau, two years and a half ago. During this preliminary period much has been accomplished of importance to the cause. All national parks have been opened to automobiles. New roads have been projected of which many have been built and many improved. Co-operation in the public interest has been promoted between railroads and the Government, between concessioners and park managements, and between parks. Large private capital has been induced to enter several national parks for the enlargement and improvement of hotel and transportation service. Prices to the public have been decreased wherever possible.

New concessions have been made on a basis destined to make national parks self-supporting under conditions of increased patronage, and several parks already have become self-supporting. Larger appropriations have been secured from Congress for road building and the perfecting of sanitary and other conditions. An extensive

educational campaign has been inaugurated for the information of the people concerning the hitherto unknown quality and extent of their scenic and recreational possessions, under which public interest in our national parks is growing with unanticipated speed; and public realization, interest and practical use is the condition as well as the object of national parks development. Public patronage of the parks has increased rapidly and steadily.

These and many other beginnings point the way toward the system which it will be the object of the new Service to build and perfect.

NEW ROCKY MOUNTAIN TRAIL.

Two lakes of supreme beauty in the Rocky Mountain National Park which have been inaccessible heretofore will be opened up by trail this season. They are Lake Nanita and Lake Nakoni on the west side of the Continental Divide near the headwaters of North Inlet. They lie in deep gorges surrounded by lofty mountains. Lake Nanita, at the foot of Andrews Peak, is one of the most romantic in the Rockies.

The new trail will strike into these lakes from the Flattop Trail, which crosses the Continental Divide and joins Estes Park on the east with Grand Lake on the west; so it is accessible to all Rocky Mountain National Park visitors

TRUCK SERVICE WINS APPROVAL.

Makers of One Machine Stand Back of Car During Entire Life.

The question of the motor truck and its relation to business is one constantly holding the attention of an increasing number of alert men who realize that modern business requires efficient and time saving methods if profits are expected to result on the investment of capital.

"When a business man buys a truck he is employing a transportation expert at so much per year and must be sure above all else that the expert is reliable," says E. P. Anderson, general manager of the Auto Car Sales and Service Corporation in discussing the motor truck problem.

Service Needed.

"Reliable and continuous motor truck transportation is dependent on purchasing from a truck manufacturer ready to stand back of the purchaser with reliable and continuous after-sale service. And this is the service that is guaranteed by the Autocar Company. In fact, it was for the purpose of being able to guarantee just this brand of reliable after-sales service that the Auotcar Company established factory branches in all of the big cities of the country.

"The service policy, thus established, is the manufacturer's pledge of support that every Autocar sold has the unceasing interest of the company back of it, during its whole period in service.

"Furthermore, we find that the great majority of Autocars sales are made by men who have seen them in service and have been impressed with the service rendered.

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EXHIBITS WANTED FOR CHINESE COLLEGE MUSEUM.

SHANGHAI—The president of the Shanghai Baptist College has asked for the co-operation of this consulate general in obtaining for the museum of that college sets of the products of American manufacturers and of raw materials used by them. The president states that exhibits of this nature would be used as object lessons in various courses of instruction; and that, situated as the institution is in a commercial, cosmopolitan, and educational center, the utility of its museum for the display of catalogues ought to appeal to American firms desirous of pushing their business in the Far East.

QUANTITY ESTIMATES READY.

The Construction Estimators Board is preparing estimates of quantities for several school buildings which are to be erected in Siskiyou County at an early date. These buildings include both frame and concrete construction. A high school will be erected at Yreka; a grade and high school at Fort Jones and grade schools at Sissons, Doris, McCloud and Weed.

Estimates are also being prepared for a new Masonic Temple to be erected at Yreka. Plans for the above mentioned buildings were prepared by Architect Henry C. Smith, Humboldt Bank Bldg.

Contractors, sub-contractors and material men can secure quantity estimates on application to the Manager Charles E. Wetherell, 110 Jessie street or Room 810 Nevada Bank Bldg.

EVERY MAN ON HIS JOB.

Every man's duty is the same. Your job is your duty. My job is mine. Each of us can do his part most effectively by redoubling present endeavors at whatever his regular occupation may be.

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RATES REASONABLE

handling of building materials and public and private construction work are fundamental industries of the country. Any tendency to suspend or postpone building projects is inconsistent with maintaining our prosperity. The country is prosperous. Building investors should not hesitate to go ahead with their plans. Railroads should spare no effort to supply the building industry with the cars needed to transport materials. Government, state, county, and municipal authorities should encourage the continuance of all kinds of building. Road and street improvements in particular should go on unabated. Bad roads and streets are factors of first importance in the present high cost of foodstuffs. Never before was the improvement of highways so essential.

The lumber, brick, cement, lime, sand, gravel, stone, and other building materials industries are basic. Neither Government regulations nor railroad restrictions should be imposed unnecessarily to interfere with them. If any action is taken which results in the prostration of so fundamentally important industries, there is real danger of a surplus of unemployed labor, a surplus of railroad cars and a crippling of business that will seriously embarrass the Government in financing the war.

If we are railroading, let us railroad for all we are worth. If we are farmers, put the same speed in our farming. If we are mining, let us mine as never before. Let us do the same with making shoes, making clothes, building houses, building factories, warehouses, skyscrapers, roads, or whatever it may be.

Keep on building.

RED CROSS WAR RELIEF FUND.

Red Cross Week, from June 18th to 25th, has been set aside by President Wilson in formal proclamation as the period in which the nation will devote itself to raising $100,000,000 for the comfort and relief of the country's fighting men, the sick and wounded, as well as dependent families of enlisted men and destitute non-combatants.

Despite the many calls upon the patriotic for financial assistance, this campaign for the Red Cross is already assured the magnificent support it will need to carry. Brisk preliminary work on the part of the Western Campaign committee has enlisted the most powerful and influential men in all the large centers. Secretary Joseph Tumulty, in behalf of President Wilson, has wired to hundreds of prominent men throughout the West and has received from them enthusiastic assurance of support.

Inspired by the appeal of the nation's chief executive and head of the national Red Cross, workers in every city in the union are being organized to make the campaign week an effective money-raising event. Teams are being trained to handle the details of this stupendous canvass for the hundred million. West of the Mississippi, it is expected to raise at least fifteen millions of dollars, and, already, signatures have been secured to substantial checks which will give the campaign a powerful stimulus when it opens on June 18th.

NEW VACUUM PUMP PRODUCED.

A simple high vacuum pump, recently developed at the United States Bureau of Standards, has some very useful applications. This pump can be built entirely of glass by a reasonably skillful glass blower and requires for its operation only a Bunsen burner and a water aspirator, although it is capable of giving vacua down to better than 0.001 millimeter pressure.

TO THE PUBLIC:

At this serious time every patriotic citizen has two distinct responsibilities—the prevention of waste and a contribution to the increase in the food supply. Here is a way in which everyone can help meet both:

Fires in the forests, the grass and brush lands, and the grain fields, such as occur annually in our California dry season, cause a loss of grain, of forage for cattle and sheep, and of wood and timber. We have become used to such fires and take them too much for granted. This year any fire burning uncontrolled means a loss in resources, money, and labor that are needed for building ships, feeding people and live stock, and planting and harvesting our crops.

The co-operation of every loyal citizen is urgently requested, both in the matter of scrupulous care with fire in the open and in urging care on others.

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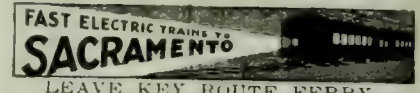
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9:40A	Pinehurst, Concord, Sundays and Holidays.
11:20A	Sacramento, Pittsburg, Bay Point, Colusa, Chico.
*1:00P	Sacramento, Pittsburg, Bay Point, Colusa, Chico, Woodland
3:00P	Sacramento, Dixon, Pittsburg, Bay Point, Elverta, Woodland.
4:00P	Concord and Way Stations.
4:40P	Sacramento, Pittsburg, Dixon Jct., Marysville, Colusa, Oroville and Chico. Observation Car.
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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast.

Issued Weekly, $3.00 per year | San Francisco, Cal. June 27, 1917 | Seventeenth Year, No. 27



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SAN FRANCISCO OFFICE
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It is reported today that Secretary of War Baker has ordered an immediate investigation of conditions surrounding the construction of a large army cantonment in Georgia, where, it is claimed, that contractors awarded this work on a cost plus basis have gone into the market and purchased lumber at double its present market price and have paid from two to three dollars more per day for carpenters and other labor than the local wage. The investigation will be conducted by Major General Wood, commander of the Southern Department.

The seriousness of such a charge can be easily understood when one realizes that an emergency appropriation totaling $77,000,000 has been made for such construction. With unscrupulous contractors receiving from seven to ten per cent of the total cost for this work and by such methods practically doubling the cost to the government and thereby their profits, the graft total runs into the millions and recalls the scandal of the Civil and Spanish War days.

A cantonment of large proportions is nearing completion in the Presidio of San Francisco, but fortunately no such charges can be brought against those charged with the management of its construction. While a cost plus contract was awarded by the Supply Department of the Committee for National Defense, practically all materials were purchased by the Constructing Quartermaster at Fort Mason before the arrival of a representative of the contracting company from New York. Representative San Francisco lumber men were called together and a price per thousand feet was secured and this submitted to the Supply Department at Washington, D. C., where it was approved and a contract entered into. Fully four million feet of lumber was involved and the price was practically that of the open market. Contracts for other materials have also been entered into through the Constructing Quartermaster at Fort Mason and at local market prices.

A total of two hundred and twenty-five buildings are now nearly complete in the local cantonment and these have been erected since May 23rd and will be ready for occupancy by June 15th. A crew of 250 carpenters has been employed and these at the regular wage scale. The cantonment at the Presidio of San Francisco will be the first large army cantonment completed and its construction sets a high record in time of construction.

Since the award of this contract the "Builder" has maintained that it was unwise, unpatriotic and unjust to award such construction without the formality of advertising for figures, and the investigation started over the Georgia scandal proves the "Builder's" contention was right and proper. This contention is further borne out by the stand recently taken by the highest officer in the Navy Purchasing Department, who has gone on record as being strongly against awards without due advertising.

As searching an investigation of the Supply Department of the Committee of National Defense should be made as that directed against the authorities involved in the construction work at the Georgia cantonment. The present system of awarding contracts without advertising and on a cost plus basis was originated by the Supply Department, the opportunity for graft grew out of this system and this department of the Committee of National Defense should shoulder the blame for its own fallacy.

Senator Phelan has been assured by officials of the Council of National Defense and by Colonel Isaac W. Little of the Quartermaster Corps of the Army, who is in charge of practically all cantonment construction, that in the future, local contractors will be favored as far as is possible.

The information is pleasing and is gratefully received even if practically all of such construction in this territory has been awarded. Additional camps for mobilization have been approved at the following locations: Fort Worth, Waco and Houston, Texas; Fort Sill, Oklahoma; Deming, New Mexico, and Linda Vista, California. Cantonment sites for the new army have been approved at the following sites: Little Rock, Arkansas; Louisville, Kentucky; Battle Creek, Michigan, and San Antonio, Texas.

The action of considering local contractors was taken by the Council of National Defense only after scores of protests were received from contractors and material men throughout the United States. Local building organizations should not consider their work in this connection as complete, however, for the Council has stated that their action is taken with regard to cantonment construction, but do not mention other vast enterprises. Senator Phelan, Senator Johnson and other representatives in Washington should be advised that while cantonment construction has been practically completed in California, there is a large amount of other government construction, both army and navy, to follow and that local firms should be considered in connection with such work.

Urbana, Illinois, June 11, 1917.

The Engineering Experiment Station of the University of Illinois has just completed another series of experiments to determine the magnetic and allied properties of alloys of iron and other metals. In 1915 experiments with iron-silicon alloys disclosed some remarkable properties which make it superior to any other material for use in certain electromagnetic machinery. These experiments were followed by others dealing with iron-aluminum alloys melted in vacuo, which have shown that aluminum like silicon greatly improves the magnetic properties of the metal, and also that aluminum imparts to the metal a greater toughness than silicon.

The investigations were conducted by T. D. Yensen and W. A. Gatward. The results are presented in detail in Bulletin No. 95 of the Illinois Engineering Experiment Station, copies of which may be obtained by addressing C. R. Richards, Director, Urbana, Illinois.

SAN JOSE, Cal.—A device for forming a groove in asphalt paving along the inside of the ordinary T rail where the flange of the car wheel operates, has been invented by James H. Quinby, manager of the Raisch Improvement Co. Quinby made application for a patent and has already received the preliminary papers.

AUCKLAND—The use of concrete by the farmers of New Zealand is increasing rapidly. It is used in making drinking troughs, dairy houses, cow sheds, fence posts, pigsties, and practically everything that was formerly constructed of wood or even stone, and found very satisfactory. The local cement works are able to supply the demand with a very good product, and but a small amount of special brands is imported.

ADVANCE NEWS

Official Proposals, Etc.

APARTMENT HOUSES.

Plans Being Figured.
APARTMENT HOUSE. Cost, $18,000
SAN FRANCISCO, Pacific and Burgoyne streets.
Three-story and basement, frame, 12 apartments of 3 rooms.
Owner—P. F. Rathjens.
Architect—Edward T. Foulkes, Crocker Bldg., S. F.

Plans Being Figured.
APARTMENT HOUSE. Cost, $30,000
OAKLAND, 60th street.
Two-story and basement, frame, 24 apartments, 2 and 3 rooms.
Owner—Name withheld.
Architect—G. L. Rosebrook, Bacon Bldg., Oakland.

Plans Being Figured.
BRICK APARTMENTS Cost, $30,000
SEATTLE, Wash. SW Queen Anne Ave. and Roy Street.
Three-story and basement brick (22) apartments, 44x90.
Owner—John James.
Architect—W. R. Kelley, Boston Blk., Seattle, Wash.

Segregated Figures Being Taken.
FRAME APARTMENTS Cost, $35,000
OAKLAND, Alameda Co., Cal. NW 15th and Brush Sts.
Three-story frame apartments (29 2-room apartments).
Owner—R. J. Pavert.
Architect—Chas. J. Rousseau, 46 Kearny St., San Francisco.

BANKS.

Plans Being Figured.
BANK AND OFFICE BLDG.
COST, $25,000
CONCORD, Cal.
Two-story reinforced concrete bank and office building.
Owner—Bank of Concord.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Okd.

BONDS.

RIVERSIDE, Riverside Co., Cal.—The $50 000 school bond issue carried at the election held June 12. Of this sum $40 000 will be expended on the Arlington grammar school, for which three Riverside architects submitted plans. Preceedings will be started for the sale of the bonds.

MARICOPA, Kern Co., Cal.—Bids will be received by the County Supervisors up to July 3rd for the purchase of the $15,000 bond issue of the Maricopa High School District and which, when sold, will finance construction of a new school.

Plans are being prepared by Architects Thos. Wiseman and Chas. H. Biggar, Producers' National Bank Bldg., Bakersfield.

REDDING, Shasta Co., Cal.—July 28th is the date set to vote on the question of issuing and selling bonds of $35,000 with which to erect a new school building.

LOS ANGELES, Cal—The following bids were received by the Board of Supervisors for an issue of $50,000 grade school bonds for Azusa School District: Torrance - Marshall Co., premium of $758; National City Co., $635; R. H. Moulton & Co., $505.50; E. H. Rollins & Sons, $468; Frank & Lewis, $452; Blankenhorn-Hunter Co., $415.50; Wm. R. Staats Co., $328. The bids were taken under advisement.

REDDING, Shasta Co., Cal.—Proceedings are under way to call an election to vote bonds of $60,000 to build a system of permanent roads. The Supervisors have instructed the District Attorney to draw up the necessary papers.

SOUTH BEND, Wash.—Bonds of $250,000 have been voted in Pacific County and will provide for the construction of 45 miles of hardsurfaced highways and three bridges.

Chas. S. B. Henry is County Engineer of Pacific County.

SANTA BARBARA, Santa Barbara Co., Cal.—An election will be held June 26 for the purpose of voting on an issue of bonds in the sum of $590,000 for the completion of the Gibraltar dam, and $85,000 for sewer construction. In addition to these there will be provision made for $21,000 bonds for the completion of the east boulevard. The completion of the dam will include the construction of a reservoir on Mission Ridge and a pipe line in Mission Canyon.

FRESNO, Fresno Co., Cal.—Bids will be opened July 3, for the purchase of $100,000 bonds of the Coalinga Union High School District, and on the same date bids will be opened for the purchase of $4200 bonds of the Mount Olive School District. D. M. Barnwell is clerk.

PROSSER, Wash.—Bonds of $18,000,000 have been voted in the Horse Heaven Irrigation District, made up of citizens of Benton and Yakima Counties. The sale of the bonds will finance the completion of the present system.

Some of the items of construction are as follows: 150 miles of main canal, $8,000,000; two power and pumping plants, $500,000; six laterals, $1,979,000.

The engineers on the work are R. H. Thomson, Alaska Bldg., Seattle; Olof Lourgaard, Railway Exchange Bldg., Portland, and A. J. Wiley, Butte, Mont.

REDDING, Shasta Co., Cal.—July 6th is the date set to sell $368,000 worth of bonds of the Anderson-Cottonwood Irrigation District. Bonds of $575,000 were voted some time ago to complete the system now under construction. Subsequent sales will be made as the money is needed.

SEATTLE, Wash.—The City Council will consider, at its next meeting, the calling of a bond election to vote $4,000,000 for the construction of a third water pipe line and other structures.

The acquisition of Swan Lake and its conversion into a reservoir of 4,500,000,000 gallons would cost $800,000; the pipe line from Swan Lake to the city, which would be of concrete, reinforced concrete and wood stave, would cost $1,000,000; two reservoirs in West Seattle would cost $500,000 and the enlargement of the Volunteer Park reservoir would cost $250,000. L. B. Youngs, is Superintendent of Water.

HOLBROOK, Ariz.—The $160,000 road bond issue has been sold by the Board of Supervisors to Powell, Gerard & Co., of Chicago.

BRIDGES AND DAMS.

SONOMA, Sonoma Co., Cal.—Bids will be received by City Clerk H. W. Gottenberg, up to July 5th, 8 P. M., for the construction of a steel and concrete bridge over Nathanson Creek at Washington street.

RED BLUFF, Tehama Co., Cal.—Bids will be received by County Clerk H. G. Kuhn up to July 10th, 10 A. M., for furnishing plans and specifications for a concrete and girder subway (and an estimated cost of said subway) under the tracks of the Southern Pacific Company, about one-half mile south of Red Bluff on the route of the State highway.

Also for a reinforced concrete bridge (and an estimated cost of said bridge) over Red Bank creek on the route of the State highway.

The plans and specifications shall meet with the approval of the California State Highway Commission.

MODESTO, Stanislaus Co., Cal.—County Clerk H. Benson will receive bids up to July 10th, 10 A. M., for the construction of four reinforced concrete bridges on the Oakdale-Waterford road located at Station 110 plus 14, Station 164 plus 12, Station 216 plus 31, and Station 274 plus 28.

OAKLAND, Cal.—P. A. Haviland, County Engineer, and engineers of the Southern Pacific Company announce the completion of plans for the proposed $1,500,000 bridge to be constructed across the estuary between Oakland and Alameda.

SANTA BARBARA, Santa Barbara Co., Cal.—Bids will be received by the Board of Supervisors up to 10 A. M. of July 2, for the construction of a pile and timber trestle bridge over the slough on the road petitioned for by B. F. Pettis, et al., in the Third Road District, in accordance with plans and specifications on file at the office of the County Clerk. Plans and specifications, etc., may be obtained at the office of the County Surveyor. Certified check for 10% required. C. A. Hunt is the clerk.

VISALIA, Tulare Co., Cal.—Bids will be received by the Board of Su-

pervisors up to 2 P. M. of July 2, for the construction of a reinforced concrete bridge of the girder type, 64 ft. long and consisting of two 32 foot spans with a clear roadway of 21 ft. between the inside of the girders, to be located on the state highway in Section 12, Township 19 South, Range 24 East, M. D. B. and M., over Packwood creek.

Separate bids will also be received at the same meeting for the construction of a reinforced concrete bridge 42 feet long and consisting of three 14-ft. spans with a clear roadway of 21 feet, located on the state highway in Section 13, Township 19 South, Range 24 East, M. D. B. and M., over Cameron creek, according to plans and specifications on file at the office of the clerk of the Board. Certified check for 5% required. Geo. R. Prestidge is clerk.

OLYMPIA, Wash. An ordinance has been passed by the City Council providing for the construction of the proposed high concrete bridge over the Des Chutes River on West Fourth street, and the paving of the highway to the city limits, at a total cost of $129,476. W. D. Wood is City Engineer.

SEATTLE, Wash.—Bids will be received by the State Highway Commission, Olympia, Wash., until July 9th, for the construction of a timber bridge over the Kalama River on the Pacific Highway in Cowlitz County consisting of two 170-ft. spans and approaches.

FAIRFIELD, Solano Co., Cal.—Bids will be received up to July 2nd, 11 A. M., by County Clerk G. G. Halliday, for the repairing of the McKinstry Bridge on Sweeney Creek, Elmira Township, Road District No. 5. The said bridge is located on Road No. 101, near the Zimmerman Ranch. (16560) 1st report June 8. 1917.

EUREKA, Humboldt Co., Cal.—The Supervisors have instructed the County Clerk to advertise for bids for the proposed bridge across the Trinity River at Willow Creek, when the plans are completed by the County Engineer.

Fred M. Kay is County Clerk.

PLACERVILLE, El Dorado Co., Cal. —According to H. R. Bennett, local manager of the Western States Gas & Electric Company, a camp will be established fifty miles east of this city to begin construction of the Echo Lake Dam, which burst recently causing considerable damage and permitting the escape of a large amount of storage water.

Bennett states conditions are favorable to an early repair of the dam and the rushing of other construction work which the corporation planned some months ago. The new system when completed will represent the expenditure of over $1,000,000.

BIDS CLOSE JULY 9TH, 10 A. M.

For the construction of a one-story frame building at each of the drawbridges over Old and Middle Rivers on the I. L. Borden Road for use of bridge tenders at said bridges.

Location—San Joaquin County, Cal.
Owner—County of San Joaquin.
Architect Ralph P. Morse [illegible] ton, Cal.

Certified check of 10% payable to Chairman of the Board of Supervisors

Plans on file at office County Clerk.
Eugene D. Graham, Stockton, Cal.

SAN FRANCISCO, Cal. -The Board of Public Works has awarded a contract to F. B. Hill, 763 McAllister St., San Francisco, for the construction of a timber seawall on the Lower Cherry power development of the Hetch-Hetchy project.

Contract Awarded.

MARTINEZ, Contra Costa Co., Cal. —The Supervisors have awarded a contract to the Cotton Co., 544 32nd St., Oakland, for the construction of a concrete bridge over Walnut Creek at Hookston, they being low bidders at $7,278. Other bidders were:

Michael Heafy, $7942; C. H. Gorrill, $7790; C. A. Bruce, $7489.

PORTOLA, San Mateo Co., Cal.—A contract has been awarded by the Ormondale Company to Harry B. Morey & Sons, Menlo Park, for construction of a concrete dam, spillway, mug-wall, etc., on the Ormondale Ranch near Portola for $2179.60. Punnett & Parez, 333 Kearny street, San Francisco, are the engineers.

HEALDSBURG, Sonoma Co., Cal.—The Chamber of Commerce and Healdsburg Business Men's Association have awarded the contract for the building of a dam across the Russian river to B. Isia. The dam will be constructed below the county bridge.

CHURCHES.

Plans Nearing Completion.
CHURCH. Cost, $
MARICOPA, Kern Co., Cal. California and Main streets.
Church, 48x67.
Owner Maricopa Congregational Church, Maricopa, Cal.
Architect—Homer Glidden, Wright & Callender Bldg., Los Angeles, Cal.

FACTORY.

Plans Being Figured.
WAREHOUSE. Cost not stated.
SAN FRANCISCO, Michigan street and Santa Fe Tracks.
One-story, frame, 400 by 200 feet.
Owner—Santa Fe Railroad Co.
Engineer—Engineering Dept. of owners.

Plans Nearing Completion
SALIDA, Stanislaus Co., Cal.
REFINERY. Cost, $30,000
Milk Sugar Refinery.
Owner—W. S. Carpenter. Owner of Carpenter Cheese Factory, Salida, California.
Architect—Not Given.
NOTE:—Machinery for the plant has already been purchased.

Plans Prepared.
REPAIR SHOP. Cost, $16,000
PORTLAND, Ore. Everett and Broadway.
One-story brick auto repair shop, 100x125.
Owner- Mrs. Etta Stone.
Architect—Hougtaling & Dougan, Portland Ore.

Plans Being Prepared.
SHOP BUILDINGS Cost, $100,000
PORTLAND, Ore., on the "East Side."
Foundry, shop buildings, etc.
Owner Heine Martin Co., Portland, Oregon.
Architect John Wilson Portland, Oregon.

FIRE HOUSES AND JAILS

SAN FRANCISCO, Cal.—The Board of Public Works has awarded a contract to F. J. Bennett for the electric work on Engine House No. 37, to be erected at Vermont and 25th street and has requested the Supervisors to appropriate $1,748 to cover the cost of the work.

Thos. Day Co., 725 Mission street, San Francisco, were awarded the contract for furnishing and installing light fixtures in the same building at $1,250.

SACRAMENTO, Cal.—Specifications for the American-La France fire-fighting apparatus, secured from the Exposition, loaned to the city by the American-La France people, and now in use at Oak Park, have been adopted by the City Commissioners and bids have been ordered received up to June 28th.

The specifications are for the above mentioned apparatus or its equal. Two motor-driven hose trucks and one motor-driven pump and chemical machine are covered in the resolutions calling for bids, the successful bidder agreeing to accept payment on the installment plan covering a period of three years.

FLATS.

Plans Being Prepared.
FLATS. Cost, $10,000
SAN FRANCISCO, Western Addition.
Two-story and basement, frame, 2 flats, 6 rooms each.
Owner—Name withheld.
Architects—Heiman & Schwartz 212 Stockton street, S. F.

Plans Being Figured.
FLATS. Cost, $10,000
SAN FRANCISCO, north Union between Taylor and Jones streets.
Two-story and basement, frame.
Owner—name withheld.
Architects—Rousseau & Rousseau, 110 Sutter street, S. F.

GARAGE.

Contract Awarded.
GARAGE Cost $16,000
PORTLAND, Ore. Broadway and Flanders Streets.
One-story and basement brick garage, 90x125.
Owner—Stone Estate.
Architect—Houghtaling & Dougan Henry Bldg., Portland, Ore.
Contractor—John Almeter, Builders' Exchange, Portland, Ore.

Plans Being Prepared.
AUAO SALES ROOMS. Cost not stated.
SAN FRANCISCO, Van Ness avenue.
Three-story and basement, reinforced concrete.
Owner Name not given
Architects Rousseau & Rousseau, 110 Sutter street, S. F.

Plans Being Prepared.
AUTO SALES ROOMS. Cost not stated.
SAN FRANCISCO southeast Van Ness avenue and O'Farrell street.
Two two-story and basement reinforced concrete auto sales rooms, 109 by 60 feet.

Owner—Goldstein Estate and A. Sternberger.
Architects—Rousseau & Rousseau, 110 Sutter street, S. F.

GOVERNMENT WORK & SUPPLIES.

SAN PEDRO, Los Angeles Co., Cal. J. F. Atkinson, 1118 Story Building, Los Angeles, has been awarded the general contract at $249,000 for the erection of the barracks buildings at Fort MacArthur, San Pedro. The plumbing, heating, electric wiring and fixture contracts are excepted from the general contract. The barracks will comprise twenty-eight buildings and will house four companies. They will be of hollow tile construction with either tile or slate roofs, plastered exterior finish. Included in this group are four 2-story barracks buildings, 158x46 feet; two-story hospital, 70x40 feet; post exchange, 50x95 feet; guardhouse, 44x95 feet; headquarters of administration building, two story, 55x33 feet; four two-story double officers' quarters, 57x31 feet; two two-story field officers' quarters, 35x38 feet; two-story bachelors' quarters, 80x31 feet; one-story bakery, 63x33 feet. The following buildings will be of frame construction, with either tile or slate roofing and plastered exterior: double set of two-story non-commission officers' barracks, 31x34 feet; triple set of 2-story non-commissioned officers' barracks, 46x34 feet; hospital steward, 1-story, 34x24 feet. There will also be a wagon shed, 100x30 feet; ordnance shop, 72x20 feet; ordnance storehouse, 50x20 feet; artillery engineers' storehouse, 30x20 feet; quartermaster's shop, 70x20 feet, all of frame construction with redwood siding.

SAN FRANCISCO, Cal.—Construction has just been started by day labor on two or more one-story frame store houses at Fort Mason. Each building will cover an area of 200 by 60 feet, and has been estimated to cost $9,000.

Bids will be called for shortly for the construction of a Hospital Corps Barracks at the Letterman General Hospital. The building will contain a completely equipped gymnasium. Separate bids for the heating, plumbing, electric wiring and fixtures will be asked.

TACOMA, Wash.—C. F. Pilat, Government Architect and Engineer for the American Lake Training Camp near Tacoma, has arrived with plans for the proposed buildings, which show about 1,300 buildings all of which will be of two stories and semi-fireproof, also 64 buildings for each of the 12 regiments, making 768; 192 buildings for the field artillery, 192 buildings for the aero squadron, balloon companies and telegraph service, 40 buildings for the hospital corps, and seven for the Y. M. C. A.

The Hurley-Mason Co., Hoge Bldg., Seattle, and Perkins Bldg., Tacoma, have the contract. Connell Bros., and the Tacoma Dredging Co., will be associated with them on the general work.

Roseburg, Ore., Light Fixtures.
The bid of the Beardslee Chandelier Co., 216 South Jefferson street, Chicago, Ill., $2,022.55 in amount, has been accepted for installing lighting fixtures in the U. S. post office at Roseburg, Ore. The work will be complete September 1.

Kalispell, Mont., Lighting Fixtures.
The contract for installing lighting fixtures in the U. S. post office at Kalispell, Mont., has been awarded to F. Storsberg Co., 20 Atlantic avenue, Newark, N. J., at $2,557.57. The work will be completed by August 1.

Lagunna, N. Mex., Laundry Building.
The Commissioner of Indian Affairs, Washington, D. C., has rejected all bids received on May 17, for constructing a laundry building at the Lagunna Sanatorium, Lagunna, N. Mex.

San Diego, Painting.
The contract for exterior painnting in the quarantine station, San Diego, Cal., has been awarded to Newell J. Jones at $1,417.

HALLS AND SOCIETY BUILDINGS.

Plans Being Figured.
BRICK ADDITION Cost, $——
OXNARD, Ventura Co., Cal.
Two-story brick addition, 40x60 to Temple.
Owner—Masonic Temple Association.
Architects—John P. Krempel and Walter E. Erkes, 415 Henne Bldg., Los Angeles.

Carpenter Work Awarded. Segregated Figures Being Taken on Balance of the Work.
FRAME CLUB HOUSE Cost, $15,000
BERKELEY, Alamela Co., Cal. NE Domingo Ave. and Tunnel Road.
Two-story frame club house.
Owner—W. M. Alexander and J. C. Rholfs, Trustees of the Berkeley Golf Club.
Construction Manager—Frederick Whitton, 251 Kearny St., San Francisco.
Carpenter work has been awarded to H. D. Koch, 1816 Parker St., Berkeley.

Bids to be called for shortly.
ASSOCIATION BUILDING.
Cost,. $150,000.
SAN FRANCISCO, north Sutter near Mason.
Two and four-story Class A and Class C construction.
Owners—Young Women's Christian Association.
Architect—Lewis P. Hobart, Crocker Bldg., S. F.

Plans Being Prepared.
CLASS "C" ADDITION Cost, $ —
SANTA BARBARA, Santa Barbara Co., Cal.
Class "C" addition to Hall of Records.
Owner—County of Santa Barbara.
Architect R. F. Sauter, San Marcos Bldg., Santa Barbara, Cal.

Plans Being Prepared.
FRAME DWELLING Cost, $——
BERKELEY, Alameda Co., Cal. Spruce Street.
Two-story and basement frame dwlg.
Owner—W. J. Eardley.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Contract Awarded.
SAN FRANCISCO, CAL.
Architect T. Patterson Ross, 310 California street states that the following contracts in connection with the construction of the three-story and basement Islam Temple have been awarded:
H. L. Peterson, 62 Post St., plain and reinforced concrete $30 750.
Larsen & Bros., 62 Post St., brick and terra cotta work, $13 970.
Pettersen & Persson. 62 Post St., carpentry work, $17,000.
Frank J. Klimm, 221 Oak St. plumbing, $2,000.
Mangrum & Otter, 561 Mission St., heating, $1,350
H. S. Tittle, 245 Minna St., electric work, $2,100.
Dyer Bros. Co., 17th and Kansas Sts., structural steel, $3,500.
C. C. Morehouse Co., 872 Folsom St., plastering, $3,176.
H. Mundrell, 320 Hayes St., painting, $485.
Paraffine Paint Co., 40 First St., roofing, $700.
Heidt Cornice Works, 152 First St., sheet metal work, $900.

HOSPITALS.

SAN BERNARDINO, Cal.—The Boards of Supervisors of the counties of San Bernardino and Riverside have decided to build jointly a tuberculosis hospital. A special tax of $23,000 for the building and equipment will be raised. Miss Tait will have charge and will pass on the plans. The building will be built 300 feet east of the new county hospital.

SAN FRANCISCO—The Constructing Quartermaster at Fort Mason states that the following contracts for work on Ward "K" at the Letterman General Hospital at the Presidio have been awarded:

General construction to C. L. Wold Co., Holbrook Bldg.	$9,599
Plumbing work to Burnham Plumbing Co., 1220 Webster	2,420
Heating, Burnham Plumbing Co., 1220 Webster St.	715
Electric work, F. E. Newberry Elec. Co., 163 Sutter St.	933

A contract for incasing the steel water tower at Fort Miley has been awarded to George W. Boxton & Son, Hearst Bldg., for $1,619.

IRRIGATION PROJECTS

TRACY, San Joaquin Co., Cal.—Bids will be received by Wm. Von Sosten, Secretary of the West Side Irrigation District, up to July 10th, 11 A. M., for furnishing pumping machinery for use in the District..

The pumping machinery is to be furnished and installed in the proposed pumping station of The West Side Irrigation District, said station to be located in the SW ¼ of the NE ¼ of Section 10, endorsed "Proposals for furnishing at a point to be hereafter definitely fixed, but said point to be about 500 feet SE from the NE corner of said SW ¼ of NE ¼ of Section 10.

Certified check of $3,000 payable to President of the Board of Directors must accompany each bid.

W. G. Hunter, Stockton, Cal., is the Chief Engineer.

MODESTO, Stanislaus Co., Cal.—The Modesto Irrigation District will let contracts at the close of the season for enlarging and improving sections

of the main canal. About $254,000 is available for this work. F. C Hermann is chief engineer for the district.

LOS BANOS, Merced Co., Cal. The Panoche Canal Company is planning the construction of a five-mile main canal and three pumping plants to irrigate 7,000 acres. Permit for use of water has been secured. The work will cost about $500,000.

SEATTLE, Wash.—Bids opened by the commissioners of Drainage District No. 6, at 715 New York Block, Seattle, for draining 2,000 acres of land near Enumclaw, Wash., shows D. A. Foley & Co., Aitkin, Minn., low at $35,029 and they will probably be awarded the contract.

LIBRARY.

Plans Being Figured. Bids Close July 6th at 2 P. M.
LAKEPORT, Lake County, Cal.
Two-story, frame and plaster.
Owners—Town of Lakeport.
Architects Ward & Blohme, Alaska Commercial Bldg., S. F.

POWER PLANTS AND WATER SYSTEMS.

SUNNYVALE, Santa Clara Co., Cal.—The Trustees have rejected the bids submitted for the acquisition and installation of a modern pumping system in connection with the Municipal Water Plant, and it has been decided to purchase the material in the open market.

RAILROAD CONSTRUCTION AND EQUIPMENT.

Contract Awarded.
SHIPBUILDING PLANT Cost, $- -
SEATTLE, Wash. Duwamish Waterway near Georgetown.
All building construction for shipbuilding plant.
Owner—Frank Oleson & Sons, Lyon Bldg., Seattle, Wash.
Architect—H. Johnson, 431 Lyon Bldg Seattle, Wash.
Contractor....Finne & Gjarde, Northern Bank Bldg., Seattle, Wash.

To be Done by Day Work. Sub Bids Wanted.
SHIP BUILDING PLANT
COST, $100,000
SEATTLE, Wash. West Waterway.
First unit of shipbuilding plant.
Owner—Elliott Bay Shipbuilding Co., No. 117 Grand Trunk Dock, Seattle, Wash.
Architect—Naval Architect L. H. Coolidge, No. 66 West Marion St., Seattle, Wash.

RESIDENCES.

Plans Being Prepared.
BRICK RESIDENCE Cost, $50,000
MONTECITO, Cal.
Two-story 15-room brick residence
Owner—Mrs. Henry Stephens.
Architect—Carlton W. Winslow, Van Nuys Bldg., Los Angeles, Cal.

Plans Being Prepared.
FRAME RESIDENCE Cost $8,000
SAN FRANCISCO, El Camino Del Mar.
Two-story and basement frame residence.
Owner Allen & Co., 125 Sutter St., San Francisco.
Architect—Architectural Dept. Allen & Co., 125 Sutter, San Francisco.

Contract Awarded.
RESIDENCE Cost, $17,800
LOS ANGELES, Mendocino Ave. Opp. Visscher Place.
Two-story and basement stone and plaster residence (15 rooms, 5 bath rooms).
Owner—W. R. Welles.
Architect—Myron Hunt, 1017 Hibernian Bldg., Los Angeles.
Contractor....H. C. Tabor, 270 Franklin Ave., Pasadena.
Plumbing was awarded to E. O. Nay & Co.; Tuec vacuum cleaner to Barker Bros.; solar heater to Solar Heater Co.; heating to E. J. Wheeler, and hardware to Union Hardware & Metal Co.

Sub-Figures Being Taken.
SAN FRANCISCO, El Camino Del Mar.
FRAME RESIDENCE Cost, $25,000
Two-story and basement frame residence.
Owner—P. E. Demoche.
Architect—Architectural Dept. Allen & Co., 125 Sutter, San Francisco.
NOTE:—Concrete, carpentry and plastering has been awarded.

Plans Nearly Complete.
RESIDENCES. Cost, $10,000 each
SAN FRANCISCO, Mason near California.
Four two-story and basement, brick and frame, 8 rooms each.
Owner John W. Proctor.
Architect—Willis Polk, Hobart Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost, $8,500.
REDWOOD CITY, San Mateo Co., Cal.
Two-story and basement, frame residence, 8 rooms and 2 baths.
Owner—Name not given.
Architects—Heiman & Schwartz, 212 Stockton street, S. F.

Day Work.
FRAME DWELLING Cost, $3,500
PIEDMONT, Lakewood Park.
Two-story six-room frame dwelling.
Owner—E. L. Higgins.
Architect—Merrill Newsom, 1714 Broadway, Oakland.

SCHOOLS.

SAN FRANCISCO, Cal.—The San Francisco Board of Public Works rejected the bids for fencing and excavation at the Fairmount School. New bids were ordered received up to June 27, 1917.

PORTLAND, Ore.—Allyn & Quinn, Portland, submitted the low bid to the School Board for the construction of an addition to the Woodstock School at $44,579 and will probably be awarded the contract.

OAKLAND, Alameda Co. Cal.—The following bids were received Monday night by the Oakland Board of Education and were referred to the District Attorney:

Eleven Portable Schools.

John R. Faulkes, 9828 E-14th St., Oakland, $8,690.

Electric Work on Lafayette, Lincoln and Piedmont Schools.

No Page McKenn Co., $1325, $1369 and $1137

King Elec. Co., $1253, $1388 and $1071

Elec. Constr. Co., $1205, $1336 and $1034.

Butte Eng. & Elec. Co., $1265; $1402 and $1084.

Football Field Technical High School

Godfrey P. Watkins $3134
Oakland Paving Co. 2690

Fremont School Fences and Sidewalks

Godfrey P. Watkins.....$7366

SEATTLE, Wash.—The Pohl Construction Co., 3406 27th street S,, Seattle, submitted the low bid to the School Board for the construction of the Flauntleroy grade school at $47,203 and J. A. Scherer of Seattle the low bid for the heating at $21,910. Plans were prepared by School Architect Edgar Blair, Central Bldg., Seattle.

BIDS CLOSE JULY 14TH 10:30 A. M.
For an addition to the Manchester School.
Location—Manchester School District, Fresno Co., Cal.
Owner—Manchester School District.
Architect—Swartz & Swartz, Rowell Bldg., Fresno.
Certified check of $300 payable to Chas. Bissell, Clerk of the School Board.

Plans on file at Office of Architects.
Plans Being Figured. Bids Close July 13, 1917.
SCHOOL. Cost, $200,000
PALO ALTO, Santa Clara Co., Cal.
Group of 7 1 and 2-story brick and concrete school buildings.
Owner—Palo Alto High School District.
Architect—Allison & Allison, Hibernian Bldg., Los Angeles.
Bids will be received separately for the following parts of the work: The excavating, concrete, masonry, carpenter work, sheet metal, tile roofing, composition roofing, plastering, black boards, painting, electric wiring, plumbing, program clocks, rough and finish hardware, and the heating and ventilating. Those desiring to submit bids on any part of the work may obtain plans and specifications from the school trustees only. There will be seven buildings in the group. Masonry construction, with reinforced concrete walls, plastered exterior, tile and composition roofing, artificial stone trimming, steam heating, etc.

Contract Awarded.
RESIDENCE Cost, $35,000
BRENTWOOD PARK.
Two-story and basement brick residence (26 rooms, 6 bathrooms, 136x72)
Owner G. E. Hazard, 310 South Hill St., Los Angeles.
Architect—Frederick J. Soper, 1122 Story Bldg., Los Angeles.
Contractor The Stanton-Reed Co 412 Van Nuys Bldg., Los Angeles.

Contract Awarded.
WOMEN'S DORMITORY Cost, $50,000
EUGENE, Ore. State University Grounds.
Three-story brick women's dormitory.
Owner—Regents of the University of Oregon.
Architects Lawrence & Holford Chamber of Commerce Bldg., Portland, Ore.

Contractor Van Patton & Son, Salem Oregon.

NOTE Heating awarded to Theodore Bart, Salem, electric work to Comet Electric Co., Eugene Ore.

Contract Awarded.
SCHOOL. Cost, $47,203
SEATTLE, Wash. California Ave and W. Barton street.
One-story 6-room brick grade school, 65x200.
Owner City of Seattle (Claun'e'roy School).
Architect Edgar Blair, Central Bldg., Seattle, Wash.
Contractor Pohl Construction Co., 3406 37th Ave. S., Seattle.
(14831) 1st report Mar. 27; 6th June 18, 1917.

Plans Being Prepared.
HIGH SCHOOL. Cost, $25,000
WEST LINN, Oregon.
Two- tory hollow tile and stucco high school, 150x70.
Owner—City of West Linn.
Architect—Claussen & Claussen, Macleay Bldg., Portland.
NOTE:—Will contain 6 class rooms, study rooms, manual training, domestic science rooms and laborator'es

BERKELEY, Alameda Co., Cal.—The Secretary of the Board of Education has been directed to advertise for bids for the construction of pump plants at the High School, also for drilling wells at the Thomas Edison and Frances Willard intermediate schools. It was also decided to equip the well at the John Muir School.

BIDS CLOSE JULY 5TH, 8 P. M.
For furnishing labor and material for a frame school building.
Location—Paloma, Kern Co., Cal.
Owner—Paloma School District.
Architect—J. M. Saffell, Bakersfield, California.
Cert fied check of 10% payable to C. L. Stanley, Clerk of the Paloma School District.
Plans on file at office of Architect at Bakersfield, Cal.

BIDS CLOSE JUNE 29, 2 P. M.
For the construction of a school building for the Washington School D'strict, Stanislaus County, Cal.
Location Washington School District Stanislaus County, Cal.
Owner—Washington School District.
Architect- Hugh Y. Davis, Fresno, Cal.
Certified check of 10% payable to Clerk of the School Board. J. R. Davis.
Plans on file at office of Architect.

Plans Being Figured. Bids Close July 6, 1917, 7:30 P. M.
SCHOOL Cost, $60,000
EAGLE ROCK, Los Angeles Co., Cal.
One-story hollow t le school (8 class rooms, auditorium, domestic and manual training departments)
Owner Eagle Rock School District.
Architect- John C. Austin, 1125 Baker-Detwiler Bldg., Los Angeles
Separate bids will be received for the general work, plumbing, paint'ng electric wiring, heating and ventilating.

Contract Awarded.
CONCRETE SCHOOL. Cost, $18,138
THE DALLES, Oregon.
Two-story and basement Concrete School (89x38)
Owner City of The Dalles.
Architect Chas. H. Burggraf, Albany Oregon.
Contractor Hedges & Huls, The Dalles, Oregon.
NOTE: Building will contain four class rooms and auditorium. Low pressure steam heating is provided for

BIDS CLOSE JULY 2ND, 5 P. M.
For bids for the Building of Annex No. 3 of the Lakeview Annex School, situated at Perry and Van Buren streets, in the City of Oakland.
Location Oakland, Alameda Co., Cal.
Owner—City of Oakland.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Cert fied check of 10% payable to Dan W. Pratt, Secretary of Board of Education.
Plans on file at Office of Superintendent of Buildings and Grounds, 1105 City Hall, Oakland.

BIDS CLOSE JULY 2ND 7 P. M.
For the furnishing of all labor and materials for the construction of an addition to the Manual Training Building, the building to be used for manual training.
Location—Madera, Madera Co., Cal.
Owner—Madera Union High School District.
Architect—Not Given.
Certified check of 10% payable to G. M. Shedd, Clerk of the School Board.
Plans on file at Manual Training Bldg., Madera, Cal.

Contract Awarded.
SCHOOL. Cost, $62,000
YREKA, Siskiyou County, Cal.
One and two-story, reinforced concrete school.
Owners—Yreka High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., S. F.
Contractor—T. B. Goodwin, 110 Jessie street, S. F., general construction, $57,123; J. C. Hurley, C. F., heat'ng, $4,943.

Plans Being Figured. Bids Close July 5th, 3 P. M.
SCHOOL Cost, $130,000
PORTLAND, Oregon.
Two-story and basement fireproof School.
Owner—City of Portland (Franklin High School).
Architect—F. A. Naramore, Superintendent of School Properties, Portland, Oregon.
Brick will be used for exterior walls. Plans call for a large assembly hall and stage to seat 2,000, together with cafeteria, kitchen, nine class-rooms, music room and bicycle room.
Bids for mechanical equpiment will be called for later.

BIDS CLOSE JULY 5TH, 1 P. M.
For furnishing work, labor and materials for the construction of a school house building.
Location—Holt School District, San Joaquin County, Cal.
Owner—Holt School District.
Architect—Chas. H. Young, 512-514 Commercial Savings Bank Bldg., Stockton, Cal.
Certified check of 10% payable to W. M. Thompson, Clerk of the Board of Trustees.
Plans on file at Office of Architect.

Contract Awarded.

SAN FRANCISCO- Flinn & Treacy, 404 1st National Bank Bldg., have been awarded the contract for the asphalt pavement at the Fairmount School.

SEWERS, STREET WORK & WATER SYSTEMS.

HANFORD, Kings Co:, Cal.—The Federal Construction Co., Sharon Bldg., San Francisco, has asked to be relieved from their contract providing for the paving of 63 blocks in Hanford, the cost of which is about $200,000.

The company in answering the petition of L. Y. Dollenmayer, who seeks to have the company and the city enjoined from doing the work, admits the allegations of the plaintiff, namely that the mixture agreement is not in accordance with the resolution passed by the board and that the resolution was not properly advertised.

AUBURN, Placer Co., Cal.—The City Trustees have rejected all bids submitted for the paving of streets. Bids received were 15% higher than those opened a month ago. In advertising the first time the city specified a certain kind of cement which made this bids invalid.

VISALIA, Tulare Co., Cal.—Separate bids will be received by the Board of Supervisors up to 2 P. M. of July 2, for constructing the Porterville-Terra Bella division of the Tulare county highway system.

SANTA BARBARA, Santa Barbara Co., Cal.—Because of omissions in the specifications for the De la Vina and Bath street paving work, the two contracts for this work awarded the firm of Fairchild, Gilmore & Wilton of Los Angeles, will not be accepted by that company, and City Attorney W. P. Butcher announces that proceedings for the improvement will be started over again. The two contracts amounted to $85,516.

CHINO, San Bernardino Co., Cal.—Bids will be received by the City Clerk up to 8 P. M. of July 3, for furnishing one revolving broom street sweeper. Prices to be f. o. b Chino on standard revolving broom sweeper, with and without broom housing and on standard sweeper equipped with broom housing, two speed broom, sprinkling tank and all necessary piping, etc., complete. Length of broom and price for refilling broom to be stated in bid; also terms of payment. E. L. P. Wetmore is the City Clerk.

SAN DIEGO, San Diego Co., Cal.—City Engineer Cromwell and County Surveyor Butler are preparing plans and specifications for a concrete highway 20 feet wide and 5 inches thick, leading to the Linda Vista cantonment. The city's portion is about four miles long and commences near Old Town and runs to the city limits, where it will connect with the county's road, which is about 6½ miles long. The city will call for bids in about two weeks and the county work will follow shortly after.

SAN BRUNO, San Mateo Co., Cal.—The Trustees have directed the City Engineer to prepare plans and specifications for the construction of sidewalks, curbs and streets in Huntington Park. Bids will probably be called at the next meeting.

STOCKTON, San Joaquin Co., Cal.

Ansel S. Williams, Secretary of the Board of Education, will receive bids up to June 30th, 8 P. M., for furnishing work, labor and materials for grading, curbing and guttering, constructing sidewalks and paving around Block 17 bounded by C street and East Lafayette and alley off C street.

PENDLETON, Ore.—Bids will be received by the State Highway Commission up to June 29, for the surfacing of ten miles of highway east from Pendleton. The surfacing will be laid on an old macadam base. (16731)

KALAMA, Wash.—Bids will be received up to July 2nd by the County Auditor B. O. Olson for the construction of Permanent Highway No. 3, near Castle Rock, Wash., by clearing, grading, drain'ng and surfacing with gravel and construction of overhead crossings and bridges. F. C. Cramer, county engineer.

Sealed Proposals will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 oclock P. M. on July 16, 1917, at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Mendocino County, between Willits and Arnold (I-Men-1-F), about 8.2 miles in length to be graded.

Los Angeles County, between Seeley's Ranch and a point near Acton (VII-L. A.-23-D), about 10.6 miles in length to be paved with Portland cement concrete.

Los Angeles County, between a point near Acton and Palmdale (VII-L. A.-23-E), about 8.7 miles in length to be paved with Portland cement concrete.

Plans may be seen, and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers officers are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

BELLINGHAM, Wash.—Riddle & Hawkins, Bellingham, submitted the low bid to the County Commissioners for the Geneva Road Improvement (one-course concrete) at $54,235. The bid of Ledington & Cooper, Vancouver, B. C., at $123,566 for the Blaine-Ferndale road, was also taken under advisement by the Commissioners. C. A. Lindberry is County Engineer.

STOCKTON, San Joaquin Co., Cal.—The City Council has taken all bids under advisement for the improvement of streets in South Stockton. The bids received were as follows:

Resolution 557

Engineer's estimate	$172,974.83
Paul & Caldwell, Stockton	185,916.86
Clark & Henery, 38 S-Sutter St., Stockton	186,258.04
Johnson-Shea, Central Bank Bldg., Oakland	194,195.62

Resolution 558

Engineers estimate	$231,703.06
Clark & Henery	247,694.89
Johnson-Shea	260,345.27

SACRAMENTO, Cal.—The County Highway Commission will receive bids up to July 2nd, 2 P. M., for testing of 170,000 barrels, more or less, of hydraulic Portland cement, in accordance with the requirements of Highway Commission Specifications No. 16.

Each bid must be accompanied by a certified check in an amount equal to 10% of the amount of the bid, based on the testing of 170,000 barrels of cement, payable to the Chairman of the Board of Supervisors of Sacramento County, as a guarantee of good faith.

Robt. E. Callahan is Cha'rman of the Board of Supervisors and E. P. Pfund, County Clerk.

AUBURN, Placer Co., Cal.—The City Trustees have adopted a resolution provid'ng for a vote on the proposal to paving a sixteen foot strip through the city connecting up the State Highway. June 26 is the date of the election.

Bids have been called for twice but the contract was not let because the bids were considered exorbitant.

SANTA BARBARA, Santa Barbara Co., Cal.—An election will be held June 28 in the Montecito road district to vote on a special tax of $18,000 to build and equip a firehouse for the protection of the Montecito valley. Otto Niedermuller is one of the fire commissioners of the d'strict.

RICHMOND, Contra Costa Co., Cal.—The City Council has adopted plans and specifications for the improvement of Nineteenth street from Clinton avenue to Burbeck avenue, by the grading, and paving with Richmond macadam pavement. A. C. Far's is City Clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Plans have been approved by the City Council for the paving, grading, sewering and curb'ng of Ocean View avenue its entire length. Bids will be called for shortly

SANTA CRUZ, Santa Cruz Co., Cal.—The City Council has rejected the bid of Brady & Flynn for the resurfacing of Soquel avenue from Ocean View avenue to Ocean street at $1,170. The City Engineer's estimate was $900.

VISALIA, Tulare Co., Cal.—The Supervisors were promised that if they would revoke a previous decision to lay Tulare county's highway system without a top and readvertise for both the Topeka and Warrenite inch and a half surfacing he would "wreck the eight cent bid offered before" the supervisors of Tulare county decided to take advantage of this offer of a well known contractor and ordered new bids, which will be opened at 2 P. M. Friday, July 6th, on the Topeka and the Warrenite top on the follow'ng divisions: Dinuba-Sultana, Orosi-Cutler, Visalia-Exeter, Visalia north, and Lindsay-Porterville.

SEATTLE, Wash.—City Engineer A. H. Dimock is preparing plans for the construction of a sewerage purification plant and a complete sewerage system south of Hillman City to serve the Rainier Valley at a cost of $1,025,000. The estimates for the main and trunk lines are placed at $400,000 and the laterals at $625,000. The improvement would have to be financed under a bond plan.

TURLOCK, Stanislaus Co., Cal. City Clerk A. P. Ferguson will receive bids up to July 3rd, 8 P. M., for the following work:

That South First street from "A" to "D" be graded, cement concrete curbs, American ingot iron culverts and a cement concrete base and a Bithulithic wearing surface 5½ inches thick, and a foundation course of cement concrete 4 inches thick and a wearing surface of Bithulithic 1½ inch thick be constructed.

BIDS CLOSE JUNE 27, 1917 BET. 2 AND 3 P. M.

The improvement of De Wolfe street from Lawrence avenue to the bridge over the right of way of the Ocean Shore Railway Company, and the improvement of the intersection of Lawrence avenue and De Wolfe street, by the construction of granite curbs and artificial stone sidewalks and two brick catchbas'ns with cast-iron frames, gratings and traps and 10-inch vitrified, salt-glazed, ironstone pipe culverts and an asphalt pavement.

For further particulars address The Board of Public Works, City Hall.

FRESNO, Fresno Co., Cal.—Bids will be received by City Clerk W. H. Ryan up to July 2nd, 5 P. M., for the following work:

That the alley in Block No. 335 be graded, curbed with redwood curbing, and paved with a 4-inch cement concrete base, and a 1½-inch Bithulithic wearing surface.

That Iowa avenue from First street to Ninth street, be graded, cement concrete curb, oiled and culverted with corrugated iron culverts.

Also that artificial stone sidewalks be constructed.

That White's Bridge avenue and "B" street, from Tehama street to Amador street, be graded, cement concrete curb and gutter, paved with a pavement consisting of a 4-inch crushed rock base and a 2-inch Bitulithic wearing surface, and culverted with corrugated iron culverts.

That a 6-inch sewer be constructed in Fresno avenue opposite the alley in Block 3, Belmont Addition, etc., a 4-inch and 6-inch Y for each twenty-five feet frontage and a manhole be constructed.

Certified check of 10% payable to City of Fresno.

FRESNO, Fresno Co., Cal.—City Clerk W. H. Ryan of Fresno will receive bids until July 2, 1917, at 5 o'clock P. M., for the following work:

That portions of First street, Third street, Fourth, Seventh, Eighth and alleys in Blocks 5, 43, 44, 45, 46, etc., be improved by constructing 6 8, 10 and 12-inch vitrified ironstone sanitary and lateral sewers; 4 and 6-inch "Y's" 48 manholes and 3 drop manholes.

COQUILLE, Ore.—The Grant Smith Co., of Portland, will build three or four road projects in Coos county, the cost of which will be approximately $150,000. The work will be done by force account because no proposals were received.

An effort was made to have this firm submit a proposal but they refused because of the uncertain labor market.

R. B. Murdock is Roadmaster of Coos County.

SACRAMENTO, Cal.—The City Commissioners have awarded a contract to J. W. Terrell, 1111 29th St., Sacramento, for the following work:

That the alley between Forty-eighth street and Forty-ninth street, be im-

proved by excavating a trench and constructing therein an 8-inch vitrified ironstone pipe sewer; 1 concrete manhole; placing 30 6-inch vitrified ironstone wye branches on 8-inch sewer; placiig 1 6-inch vitrified ironstone flusher branch complete, and backfilling the trench.

Contract Awarded

NAPA, Napa Co., Cal.—The Supervisors have accepted the bid of J. Heir., the only bidder, for crushing 1500 cubic yards of rock at the Harris quarry in the Carneros District, at 65 cents per cubic yard. The county will build the bunker.

RIO VISTA, Solano Co., Cal.—The Johnson-Shea Co., Central Bank Bldg., Oakland, Cal., has been awarded the contract for the improvement of Third and Fourth streets between Montezuma and California streets, on their bid as follows:

Grading per square foot, 2½ cents; paving per square foot, 13½ cents; curb and gutter per lineal foot, 60 cents; curb only per lineal foot, 40 cents.

STOCKTON, San Joaquin Co., Cal.—Jake Meyer announces the award of a contract to Cyrus Moreing & Sons, Commercial & Savings Bank Bldg., Stockton, for the paving of streets of College Park.

The streets will be paved with asphalt, and concrete sidewalks, gutters and curbs will be installed. The sidewalks and curbs will be of red cement.

KINGSBURG, Fresno Co., Cal.—Lewis Hall, 157 Effie St., Fresno, has been awarded the contract by the Trustees for the construction of a 12-inch vitrified sewer pipe, with connections and risers, in Township 16, at $1,750.

The improvement of Evans avenue bet. Lane and Ingalls streets, by grading; construction of granite curbs; artificial stone sidewalks, brick catchbasins with 10-inch vitrified, salt-glazed, ironstone pipe culverts, and by the construction of an asphalt pavement.

Awarded to H. Crummey Co., 332 19th street, Oakland.

The improvement of Kirkwood Ave., from Mendell Ave., to Railroad Ave., by the construction of concrete curbs; a 14-foot central strip of vitrified brick pavement and an asphalt pavement.

Awarded to Flinn & Treacy, 404 1st National Bank Bldg., for $6,110.13.

The improvement of Twenty-ninth street between Castro and Diamond, by the construction of granite curbs; basalt block gutters, and a cobblestone pavement on the roadway thereof.

Awarded to J. F. Dowling, Russ Bldg., for $655.95.

(16523 and 28) 1st report June 10 &

LOS ANGELES, Cal.—George R. Curtis, 2440 East Twenty-sixth street, Los Angeles, has been awarded a contract at $17,894.79 for the improvement of St. Andrews Place from Temple street to Third street.

BERKELEY, Alameda Co., Cal.—The City Council has awarded Bernard Ransome, 1st National Bank Bldg., Oakland, the contract for the following work:

That portions of Euclid avenue in the vicinity of Hearst and Vine Sts., be graded; concrete curbs and gutters; storm water inlets; a vitrified pipe culvert; cast iron concrete culverts with branches and manholes be constructed.

That portions of Euclid avenue in the vicinity of Cedar, Hilgard avenue, Ridge Road, etc., be improved by constructing concrete sidewalks, galvanized iron conduct pipe, 18-inch vitrified ironstone pipe sewer, brick pavement, macadamizing and some asphaltic wearing surface.

And to Heafey & Tobin, 735 Filbert street, Oakland, for the following work:

That a 6-inch vitrified ironstone pipe sewer and brick manholes be constructed in Dwight Way in the vicinity of Sacramento street.

BELLINGHAM, Wash.—The Whatcom County Commissioners, J. A. Miller, county auditor, has awarded the contract for the one-course concrete paving of the North River Road for a distance of 7 miles north of Ferndale to K. Sauset, Bellingham, for $108,315.

OAKLAND, Cal.—The City Council has awarded a contract to Hutchinson Co., 13th and Franklin Sts., Oakland, for the following work:

For the grading, curbing, guttering with concrete and paving with oil-macadam portions of 39th avenue in the vicinity of Foothill Boulevard.

(16465) 1st report June 4, 1917.

BERKELEY, Alameda Co., Cal.—The City Council has awarded contracts for the street work to Bernard Ransome, Grand avenue and Harrison street, Oakland as follows:

That Allston Way in the vicinity of Bonar, Acton, West, University Ave. and Bancroft Way be graded; cast iron curb inlets; combination concrete curb and gutter be constructed and the roadway be paved with a concrete pavement, surfaced with a skin coat of asphalt and rock screenings.

That Berkeley Way, from Chestnut street to West street, be graded; combination concrete curb and gutter be constructed and the roadway be paved with a concrete pavement, surfaced with skin coat of asphalt and rock screenings.

FRESNO, Fresno, Co., Cal.—The City Council has awarded a contract to Thompson Bros., 1514 "H" street, Fresno, for the following work:

That Madison avenue from Fresno avenue to North Ninth street, be graded, curbed with cement concrete curb, oiled and culverted with corrugated iron culverts.

Also that artificial stone sidewalks be constructed.

The improvement of San Miguel street bet. Ridge Lane and Mount Vernon avenue and the improvement of Mount Vernon avenue bet. Tara street and San Miguel street, by the construction of the following vitrified salt-glazed, ironstone pipe sewers and appurtenances: An 8 and 12-inch with 4 brick manholes and 23 Y branches.

Awarded to T. A. Clark, 68 Post St., for $2,021.

STORES AND OFFICES.

Construction to Start Shortly. Excavation Complete.
BRICK BUILDING Cost, $16,000
FRESNO, Fresno Co., Cal. "L" and Inyo Streets.
One-story and basement brick and tile publishing building, 60x100 (To be occupied by The Fresno Herald Publishing Co.)
Owner—Einstein Investment Co. Fresno, Cal.
Architect—Coates & Travers, Rowell Bldg., Fresno.

SAN FRANCISCO, CAL.—The Pig'n Whistle Company has closed a lease on the two-story and basement building on the west side of Powell street between Market and Ellis street, through the office of Thomas Magee & Co. This building will undergo extensive alterations totaling $75,000 within the next few months. The new quarters will be designed along lines similar to the Pig'n and Whistle store in Los Angeles. An architect has not yet been selected.

Plans Nearly Complete.
STORES AND OFFICES. Cost, $70,000
SAN FRANCISCO, southeast Sutter and Mason streets.
Six-story and basement, reinforced concrete.
Owner—W. F. Perkins.
Architect—Frederick H. Meyer, Bankers' Investment Bldg., S. F.

Plans Being Figured.
STORE FRONTS. Cost not stated.
SAN FRANCISCO, east Grant avenue south Post.
Owner—Musto Estate.
Architect—William Mooser, Nevada Bank Bldg., S. F.

Plans Being Figured.
OFFICES. Cost not stated.
REDWOOD CITY, San Mateo Co., Cal.
One-story and basement, Class C offices.
Owners—Pacific Gas and Electric Co.
Architect—Frederick H. Meyer, Bankers' Investment Bldg., S. F.

Plans Being Prepared.
STORES. Cost not stated.
NAPA, First street.
One-story, Class C stores, 30 by 60 feet.
Owner—Charles Hansen.
Architect—W. H. Corlett, East Third street, Napa.

Bids Rejected. Plans Being Revised.
STORE AND LOFTS Cost, $——
SAN FRANCISCO. SE Mission and Shaw Alley.
Four-story and basement mill constructed store & lofts, 54x160x65.
Owner—Dalziel Estate.
Architect—A. M. Milwain, Albany Block, Oakland.

Plans Being Prepared.
BRICK STORES Cost, $7,000
OAKLAND, Alameda Co., Cal. Near Narrow Gauge Station.
One-story (5) brick stores, 100x75.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

THEATRE.

LOS ANGELES, Cal.—Plans are maturing for the construction of an open-air Greek theatre at Selvas de Verdugo (Verdugo Woodlands), the new Glendale subdivision opened recently by the F. P. Newport Company, Los Angeles. It is proposed to locate the theatre in a natural ampitheatre in one of the canyons on the 400-acre

property. Improvements to date are said to cost approximately $200,000, and it is expected that the outlay may be doubles before the undertaking is complete. The track is located on La Canada boulevard, just off Verdugo road, in the north end of Glendale.

Contract Awarded.
THEATRE Cost, $40,000
BREMERTON, Wash.
One-story semi-fireproof hollow tile theatre, 60x100.
Owner—Osran Amusement Co.
Architect—Max Umbrecht, Arcade Bldg., Seattle, Wash.
Contractor—E. J. Rounds Construction Co., Collins Bldg., Seattle, Wash.

SEALED PROPOSALS

STATE OF CALIFORNIA.

DEPARTMENT OF ENGINEERING.

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS.

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on July 16, 1917,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor, to which special reference is made, portions of State highway as follows:

Mendocino County, between Willits and Arnold (I-Men-1-F), about 8.2 miles in length to be graded.

Los Angeles County, between Seeley's Ranch and a point near Acton (VII-LA.-23-D), about 10.6 miles in length to be paved with Portland cement concrete.

Los Angeles County, between a point near Acton and Palmdale (VII-LA.-23-E), about 8.7 miles in length to be paved with Portland cement concrete.

Plans may be seen and forms of proposals, bonds, contract, and specifications may be obtained, at the said office, and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The Department of Enginering reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

NEWELL D. DABLINGTON,
CHARLES F. STERN,
HENRY J. WIDENMANN,
California Highway Commission.
AUSTIN B. FLETCHER,
Highway Engineer,
WILSON R. ELLIS,
Secretary. (*)

Dated: June 11, 1917.
June 21-28-July 5-16

BIDS WANTED FOR MISCELLANEOUS COUNTY SUPPLIES.

RED BLUFF, Tehama Co., Cal.—County Clerk H. G. Kuhn will receive bids up to July 10th, 10 A. M., for the following materials:

Supervisor District No. 1.
10 long handle shovels.
10 slip scraper.
20 000 feet 3x12 lumber.
10 picks.
10 kegs 60 p. nails.
5 Austin grader blades.
100 barrels of cement.
6 rakes.

Supervisor District No. 2.
12,000 feet lumber.
5000 feet 3x12x16.
3000 feet 3x12x20.
1000 feet 6x8 from 10 to 20 feet.
1000 feet 8x8 from 10 to 20 feet.
2000 feet 12x12 from 10 to 20 feet.
100 sacks cement.
100 feet corrugated iron, different lengths.
6 kegs nails No. 60.
2 blades for Fresno scraper.
2 picks.

Supervisor District No. 3.
Lumber.
100 pcs. 3x12x16.
30 pcs. 3x12x18.
30 pcs. 3x12x20.
50 pcs. 2x12x20.
3 kegs 60 p: spikes.
2 kegs 30 p. spikes.
6 shovels.
2 18-in. culverts by 20 ft., corrugated.
1 8-in. culvert by 20 ft. corrugated.

GOVERNMENT BIDS WANTED.

PROPOSALS FOR elevators, galvanized steel, checkered steel plates, barbed wire, nuts, steel drums, garbage cans, hinges, taps, files, planes, rakes, mattocks, vises, engine lubricators, grease cups, drawer locks, padlocks, journal jacks, life preservers, kitchen work tables, water coolers, coffee pots, stock pots, tablespoons, dividers, rulers, tracing cloth and paper, bristol board, ferrosilicon and mixing varnish. Sealed proposals will be received at the office of the General Purchasing Officer, The Panama Canal, Washington, D. C., until 10.30 A. M., July 6, 1917, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and information relating to this circular (No. 1150) may be obtained from this office or the offices of the Assistant Purchasing Agent, Fort Mason, San Francisco, Cal.; also from the United States Engineer Offices in the principal cities throughout the United States.—Earl I. Brown, Major, Corps of Engineers, U. S. A., General Purchasing Officer.

PROPOSALS FOR CANAL SUPPLIES

PANAMA CIRCULAR 1150 — Proposals for Elevators, Galvanized Steel Checkered Steel Plates, Barbed Wire, Nuts, Steel Drums, Garbage Cans, Hinges, Taps, Files, Planes, Rakes, Mattocks, Vises, Engine Lubricators, Grease Cups, Drawer Locks, Padlocks, Journal Jacks, Life Preservers, Kitchen Work Tables, Water Coolers, Coffee Pots, Table Spoons, Dividers, Rules, Waiters' Aprons, Paper Napkins, Paper Towels, Tracing Cloth and Paper, Bristol Board, Pencils, Ferrosilicon and Mixing Varnish. —Sealed proposals will be received at the office of the general purchasing officer, the Panama Canal, Washington, D. C., until **10:30 a. m. July 6, 1917,** at which time they will be opened in public, for furnishing the abovementioned articles. Blanks and information relating to this circular (No. 1150) may be obtained from this office or the offices of the assistant purchasing agents, 24 State street, New York City, and Fort Mason, San Francisco, Cal.; also from the United States engineer offices in the principal cities throughout the United [illegible] EARL I. BROWN, major, corps of engineers, U. S. army, general purchasing officer.

FURNITURE BIDS WANTED.

SACRAMENTO, Cal.—City Clerk M. J. Desmond will receive bids up to July 3rd, 11 A. M., for furniture for Receiving Hospital and Bacteriological Laboratory in the New Hall of Justice Building at Sacramento.

TOILET FIXTURE BIDS WANTED.

FRESNO, Fresno Co., Cal.—The trustees of the Temperance School District will receive bids for the installation of sanitary toilets and fixtures complete, for the Temperance School.

Bids will be opened at the Temperance School House, on Los Palmas avenue, 7:30 P. M., June 30th.

A. H. Becker is Clerk of the School Board.

BIDS WANTED FOR FRAME GOVERNMENT BUILDING.

SEALED PROPOSALS will be received at the Bureau of Yards & Docks, Navy Department, Washington, D. C., until July 2, 1917, for one two-story wooden frame building at the naval training station, San Francisco, Cal. Refer to specifications No. 2435. (16806)

Plans may be obtained at the Commandant, Navy Yard, Mare Island.

GOVERNMENT BIDS WANTED.

PROPOSALS will be received at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., until 10 o'clock A. M., July 3, 1917, for delivering motor-driven drills, emery grinders, hack saw, lathes, milling machines, shapers and refrigerators at the navy yard, Mare Island, Cal. Apply for proposals to the Navy purchasing office, San Francisco, Cal., or to the Bureau of Suppliets and Accounts, SAMUEL McGOWAN, Paymaster General of the Navy.

REPORT OF RAILROAD COMMISSION OF THE STATE OF CALIFORNIA.

The Railroad Commission has extended until June 30, 1919, the time within which the San Diego and South Eastern Railway Company may reconstruct its system so as to comply with the provisions of Chapter 499, laws of 1911, as amended by Chapter 600, laws of 1915, on condition that one-half of the reconstruction work shall be completed before June 30, 1918, and the entire work before June 30, 1919.

The Pacific Electric Railway Company has filed with the Railroad Commission an application for permission to construct connecting tracks with the tracks of the Covina branch of the Southern Pacific Railroad Company at Baldwin Park, Los Angeles county, and to operate them with the Southern Pacific for a distance of 600 feet.

The Railroad Commission has authorized the Atchison Topeka and Santa Fe Railway Company to construct its Fallbrook branch line at grade across 13 public highways in San Diego county

The Railroad Commission has extended until June 30 1919, the time within which the San Diego Electric Railway Company may reconstruct its system so as to comply with the provisions of Chapter 499, laws of 1911, as amended by Chapter 600 laws of 1915, provided at least one-half of the reconstruction work is completed before June 30, 1918.

The Railroad Commission has issued an order authorizing the Southern Sierras Power Company to construct an electric light generating plant and distribution system in the city of Blythe, Riverside county. The company proposes at this time to construct a steam generating plant, and as soon as the business will warrant, construct a transmission line so as to connect the system with its hydro electric generating plant. The estimated cost of the steam generating plant is reported at $20,000, of which $10,200 has been expended.

CITY BIDS OPENED.

Three sets of figures were opened at the regular Wednesday meeting of the San Francisco Board of Public Works for constructing the Municipal Railway Extension through Twin Peaks Tunnel. The work was subdivided into the following items:

(1) Three tracks in tunnel; (2) track west of Station "O," 2400 ft.; (3) girder rail construction, 513 ft.; (4) crossover in west portal, 1; (5) double track branch off, 1; (6) excavation west of Station "O," 3000 cb. yds.; (7) asphalt pavement, 10,950 sq. ft.; (8) basalt header blocks, 2500 sq. ft.; (9) asphalt conform pavement, 2000 sq. ft. (10) concrete curb right of way, 4950 ft.; (11) concrete curb around platform, 750 ft.; (12) sidewalks, 1440 sq. ft.; (13) 8" drain in tunnel, 3350 ft.; (14) concrete strain poles 6 ft.; (15) concrete poles in yielding ground, 10 ft.; (16) concrete poles in firm ground, 4 ft.; (17) concrete center poles, 12 ft.; (18) cable work; (19) trolley work (20) overhead trolley crossover; (21) E. T. 4-o joint bonds, 720; (22) E. C. 4-o joint bonds, 30; (23) E. T. 300,000 C. M. bonds, 420; (24) E. T. 1-o bonds, 410; (25) 5-ft. cross bonds 30; (26) 7-ft. cross bonds, 37; (27) 11-ft. cross bonds, 5; (28) 4-o bond wire, 2400 ft.

Eaton & Smith (1) $44,000; (2) $3.00 (3) $4.00; (4) $400; (5) $250; (6) .40; (7) .20; (8) .45; (9) .10; (10) .60; (11) .60; (12) .10; (13) .60; (14) $75; (15) $100; (16) $90; (17) $80; (18) $1,800; (19) $8,000; (20) $40; (21) $1.50; (22) $1.60; (23) $1.70; (24) .75; (25) $3.25; (26) $3.75; (27) $6.50; (28) .52.

R. C. Storrie Co. (1) $53,200; (2) $3.60; (3) $4.75; (4) $325; (5) $400; (6) $1.00; (7) .22; (8) .60; (9) .10; (10) .90; (11) .95; (12) .13; (13) .50; (14) $200; (15) $160; (16) $160; (17) $150; (18) $1,500; (19) $11,000; (20) $150; (21) $1.70; (22) $1.80; (23) $2.00 (24) .85; (25) $3.50; (26) $4.00; (27) $7.00; (28) .60.

Western Motor Draying Co. (1) $51,730; (2) $3.20; (3) $5.00; (4) $300; (5) $350; (6) .80; (7) .20; (8) .56; (9) .11¼ (10) .08; (11) .90; (12) .15; (13) .44; (14) $99; (15) $142. (16) $132; (17) $114; (18) $1,906; (19) $8,604; (20) $37; (21) $1.65; (22) $1.76; (23) $1.90; (24) .83; (25) $3.60; (26) $4.00. (27) $7.00; (28) .57.

The following list of figures, which appeared in the "Builder" issued on Saturday, June 23rd, was submitted for the construction of the ungraded school to be erected on Union street, between Kearny and Montgomery streets. Plans for this building were prepared by Architect John Reed, Jr., First National Bank Bldg.

General Construction.

H. A. Klyce	$11,490
O. C. Holt	10,670
W. Masten	11 840
Anderson & Ringrose	10,337
Terranova & Diagnardi	11,775
W. H. Henning	10,988
O. Monson	12,279

Plumbing.

Kiernan & O'Brien	$2,734
J. E. O'Mara	2.883
F. W. Snook Co.	2,594
Wm. Coleman	2,764
Burnham Plumbing Co.	2,773
A. Lettich	1,952
R. Dalziel Jr.	2,997
Thos. Skelly	2,234
C. Peterson Co.	2.846
J. Pinkerton	2,614
Geo. F. Bernard	2,768
H. Lawson	2,275

Heating.

C. Peterson Co.	$1,599
Atlas Heating & Ventilating Co.	1,795
Scott Co.	1.620
Robt. Dalziel Jr.	1,827
Kiernan & O'Brien	2.015
J. E. O'Mara	1.747
J. Pinkerton	1,900
Wittman-Lyman Co.	1.638
H. Lawson	1.600

Wrecking, Grading and Concrete Work

Bos & O'Brien	$3,857
D. Graham	2.740
Wright & Kohn	2,950
O. Monson	2,037
Barrett & Hilp	2,374

FIGURES RECEIVED FOR OAKLAND LIBRARY.

Construction of Branch Library Building Attracts Many Bidders in all Departments.

The following bids were received at the Thursday evening meeting of the Oakland Library Trustees for the construction of a two-story and basement Class "C" Branch Library, which is to be erected at the southwest corner of E-15th street and Foothill Boulevard. Plans for the building were prepared by Architect John J. Donovan, 414 13th street, Oakland.

All bids were referred to the District Attorney.

General Construction.

R. W. Littlefield	$29,700
James Pedgrift	29,900
J. M. Dougan	32,980
W. E. Whalin	31,290
Neilsen & Bergelsen	28,885
Niles W. Place (no check)	31,193

Plumbing.

W. H. Graham	$1,350
Carl Doell	1,790
Jas W. Rankin	1 860

Heating and Ventilating.

Carl Doell	$2,450
W. K. Nottingham	2,490
Bay Engineering Co.	2,438
M. F. Murray	3,8 0
J. C. Hurley	2,230
Scott Co.	2,235

Oil Burning System Omitted.

Carl Doell	$700
W. K. Nottingham	675
Bay Engineering Co.	693
M. F. Murray	800
J. C. Hurley	559
Scott Co.	653

Electrical Work.

Butte Eng. & Elec. Co.	$2,283
King Elec. Co.	3,184

Electrical Fixtures Omitted.

Butte Eng. & Elec. Co.	$ 945
King Elec. Co.	1,300

Sub Knob & Tube System for Conduit.

Butte Eng. & Elec. Co.	$158
King Elec. Co.	174

LASSEN NATIONAL PARK.

Many persons who desire to see volcanic phenomena will visit the new Lassen Volcanic National Park this season. A month after Congress made it a national park last summer the volcano broke into eruption, and the region is still actively disturbed.

Lassen Peak is in northern California. It is one of the celebrated peaks of the Cascade Range, which include Mount Baber, Mount Hood, Mount Shasta, and what was once Mount Mazama but is now Crater Lake. Few of the ice-plated volcanoes of this range are extinct in a geological sense of the word; several of them have areas on their sides where snow melts, or have hot springs in their neighborhoods; Lassen Peak is the only one actually active within history

NATIONAL PARKS AUTOMOBILE MAPS.

The National Park Service now has ready new automobile maps in two colors of the Glacier, Rocky Mountain, Carter Lake, Sequoia, and Mount Rainier National Parks. They are similar in design and purpose to the automobile maps issued last year of the Yosemite and Yellowstone National Parks.

The maps distinguish between good and poor automobile roads, and show all trails. Distances are indicated and many places pointed out where gasoline and water may be had. Other information useful not only to motorists but general tourists is given.

These maps may be had each in its own national park, or upon application to the Department of the Interior.

THE ROCKY MOUNTAIN SEASON.

Notwithstanding the war, a larger patronage of the Rocky Mountain National Park is expected this year even than last, when 86,000 persons visited it and its beautiful valley gateway, Estes Park. The hotels, boarding houses, and public camps which then were crowded have all been enlarged. Even with an increase of many times in patronage, there will be no sense of crowding in the parks 400 square miles of valley and mountain fastness.

During the winter Congress has enlarged the boundaries of the Rocky Mountain National Park by adding more than 40 square miles of area upon the Estes Park side. The Twin Sides and Gem Lake are now in the national park.

CONTRACTS AWARDED

Liens, Acceptances, Etc.

Building Contracts Awarded.

San Francisco County.

1565	Mastick	Petterson	550
1566	Deeckman	Burns	450
1567	Christensen	Owner	500
1568	Schmidt	Collins	1500
1569	Pacific	Wilhelm	2000
1570	R C Archbishop	Hetty	3674
1571	Brockhoff	Clarke	450
1572	Burns	Bruce	975
1573	Com'cial Center	Moller	1000
1574	Sutro	Stockholm	600
1575	Dubost	Hansbrough	800
1576	Wilshire	Healing	600
1577	Bishop	Gilley	2390
1578	Wheeler	Gold	450
1579	Krenz	McClenahan	600
1580	Odd Fellows	Owner	500
1581	Garlini Bros	Guisti	575
1582	Cal. Saw	Randall	900
1583	Drews	Mager	1545
1584	Carter	Carter	600
1585	Kierulff	Arlett	23000
1586	Cal Packing	Trevia	1150
1587	Same	Central	1095
1588	Lyons	Van Herrick	1265
1589	Bosio	Garello	1650
1590	Bayse	James	1105
1591	Same	Same	6945
1592	Kirby	Kirby	4000
1593	Grand Thtre	Novelty	550
1594	Stanford	Owner	3000
1595	Market St. Rlty	Day	10000
1596	Mastick	Petterson	550
1597	Carter	Carter	600
1598	Bennett	Wofenden	550
1599	Jenicke	Diestel	1150
1600	Renwanz	Renwanz	2000
1601	Young	Pierson	1700
1602	Lawson	Lawson	5000
1603	Mills	——	—
1604	Goldstein	Barrett	2350
1605	Steinberger	Barrett	3000
1606	Hirt	Hirt	585
1607	Maihebeau	Owner	500
1608	Hesthal	Hamerton	600
1609	Burke	Farquharson	40308
1610	Barron	Mortensen	20111

ALTERATIONS
(1565) NO. 735 BATTERY. New roof
Owner.....Geo. H. Mastick, 68 Post, San Francisco.
Architect .....None.
Contractor....Petterson & Persson, 332 Lick Bldg., San Francisco
COST, $550

FRAME GARAGE
(1566) SW OAKDALE AND RAIL Road Ave. One-story frame garage.
Owner.....H. Dieckmann, 1200 Rail Road Ave., S. F.
Architect .....None.
Contractor....J. Burns, 1611 Mc-Kinnon, San Francisco.
COST, $450

FRAME DWELLING
(1567) E FORTY-FOURTH 400 N Geary. One-story and basement frame dwelling.
Owner.....Theodore Christensen, 32 Middle, San Francisco.
Architect .....None.
Day's work. COST, $500

FRAME DWELLING
(1568) E TWENTY-THIRD AVE 150 S Ulloa. One-story and basement frame dwelling.
Owner.....Albert Schmidt, 580 Hayes, San Francisco.
Architect .....None.
Contractor....W. E. Collins, 643 Oak San Francisco.
COST, $1500

MOULDING SHOP
(1569) SW HARRISON AND 18TH. Erect moulding shop also cupola floor.
Owner.....Pacific Foundry Co., 18th and Harrison, S. F.
Architect .....None.
Contractor....A. H. Wilhelm, 180 Jessie, San Francisco.
COST, $2000

ELECTRIC WORK
(1570) SW SIXTEENTH & DOLORES Electric work for Mission Dolores Church.
Owner.....The Roman Catholic Archbishop of San Francisco, 1100 Franklin St.
Architect .....Shea & Lofquist, 742 Market, San Francisco.
Contractor....Hetty Bros., 372 Ellis, San Francisco.
Filed June 18, '17. Dated May 19, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3674
Bond, $1837. Surety, Fidelity & Deposit Co. of Maryland. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

ADDITION
(1571) NOS. 28 AND 30 WOLFE. Add 2 kitchens and 2 baths.
Owner.....G. Brockhoff & F. Clarke.
Architect .....None.
Contractor....Wm. Clarke, 30 Wolfe, San Francisco.
COST, $450

ALTERATIONS
(1572) NO. 2929 WASHINGTON. Raise dwelling.
Owner.....Michael Burns, 2780 California, San Francisco.
Architect .....None.
Contractor....L. M. Bruce, 270 Mc-Allister, San Francisco.
COST, $975

ALTERATIONS
(1573) NOS. 835-719 KEARNY. Alter stores.
Owner.....Commercial Center Realty Co., 736 Call Bldg., S. F.
Architect .....None.
Contractor....R. W. Moller, 736 Call Bldg., San Francisco.
COST, $1000

ALTERATIONS
(1574) NO. 156 EDDY. New front.
Owner.....Gus Sutro, Kern Hotel, San Francisco.
Architect .....None.
Contractor....Stockholm & Allyn, Monadnock Bldg., S. F.
COST, $600

ADDITION
(1575) NOS. 24-30 HAMPTON PLACE Add for tenements.
Owner.....A. Dubost, 221 3rd, S. F.
Architect .....None.
Contractor....G. W. Hansbrough, 221 3rd, San Francisco.
COST, $800

ALTERATIONS
(1576) NO. 2109 BAKER. Paint dwelling, remove and rebuild porch.
Owner.....Mr. Wilshire, 5 3rd Ave., San Francisco.
Architect .....None.
Contractor....Geo. Healing, 110 Jessie, San Francisco.
COST, $600

HEATING SYSTEM
(1577) S PACIFIC AVE 137-6 W Pierce W 68-9xS 127-8¼ No. 2615 Pacific Ave. All work for low pressure steam heating system, hot water system and oil burning equipment in five flat building.
Owner.....Frank E. Bishop, 133 Geary, San Francisco.
Architect .....None.
Contractor....Gilley Schmid Co., 182 Otis, San Francisco.
Filed June 19, '17. Dated June 12, '17.
Roughed in .....$ 600
Completed and accepted..... 1200
Usual 35 days..... 590
TOTAL COST, $2390
Bond, $1200. Surety, Curtis N. Gilley. Limit, 45 days. Forfeit, none. Specifications only filed.

ADDITION
(1578) NO. 1173 McALLISTER. Add baths, etc., to dwelling.
Owner.....J. A. Wheeler, Premises.
Architect .....None.
Contractor....A. Gold, 2431 Fillmore, San Francisco.
COST, $450

ALTERATIONS
(1579) NO. 431 FOLSOM. Erect mezzanine floor.
Owner.....Oscar Krenz Copper & Brass Works, Premises.
Architect .....None.
Contractor....T. W. McClenahan & Co., 345 Call Bldg., S. F.
COST, $600

ALTERATIONS
(1580) SW MARKET & SEVENTH. Erect partitions for club rooms.
Owner.....Odd Fellows' Hall Ass'n., Premises.
Architect .....None.
Day's work. COST, $500

ADDITION
(1581) NW SACRAMENTO AND Drumm. Add office and platform.
Owner.....Garlini Bros. & Co., Front & Clay, S. F.
Architect .....None.
Contractor....S. A. Guisti, 617 Sansome, San Francisco.
COST, $575

(1582) NO. 721 BRANNAN Raise offices.
Owner ..... California Saw Works, Premises.
Architect ..... None.
Contractor ..... J. H. Randall, 1205 10th Ave., S. F.
COST, $900

ALTERATIONS
(1583) NO. 3207 ARMY. Alter store into flats.
Owner ..... H. J. Drews, 3388 24th, San Francisco.
Architect ..... None.
Contractor ..... Mager Bros., 1318 Valencia, San Francisco.
COST, $1545

FRAME DWELLING
(1584) W MIRAMAR 100 S Ocean. One-story and basement frame dwlg
Owner ..... R. Carter, 207 Monadnock Bldg., San Francisco.
Architect ..... None.
Day's work. COST, $600

CLASS "C" OFFICES
(1585) W SANSOME 97 N Pine. Two story and basement Class "C" offices
Owner ..... T. C. Kierulff, 544 Market, San Francisco.
Architect ..... B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor ..... Arthur Arlett, New Call Bldg., San Francisco.
COST, $23,000

ADDITION
(1586) N FRANCISCO 182-6 E Taylor All work for one-story addition to brick warehouse building, except furnishing and erection of steel frame for addition to building.
Owner ..... California Packing Corp., 120 Market, S. F.
Engineer ..... Philip L. Bush, 2231 Van Ness Ave., San Francisco.
Contractor ..... Trevia & Pasqualetti 400 Bay, San Francisco.
Filed June 20, 17. Dated June 18, '17.
Completed and accepted $860
36 days after 290
TOTAL COST, $1150
Bond, none. Limit, 21 days. Forfeit, none. Plans and specifications only filed.

(1587) FURNISHING, FABRICATing and erectiing of steel frame on above.
Contractor ..... Central Iron Works, 631 Florida, San Francisco.
Filed June 20, '17. Dated June 18, '17.
Completed and accepted $820
36 days after 275
TOTAL COST, $1095
Bond, none. Limit, 16 days. Forfeit, none. Plans only filed.

ALTERATIONS
(1588) NOS. 701-703 FIFTH AVE. All work for alterations, additions and raising two-story frame flat building.
Owner ..... Thos. G. Lyons, Premises.
Architect ..... None.
Contractor ..... Wm. Van Herrick.
Filed June 20, '17. Dated June 11, '17.
As work progresses ..... —
On completion ..... Final
TOTAL COST, $1265
Bond, $625. Sureties, Herman Van Herrick and Wm. A. Mertes. Limit, none. Forfeit, plans and specifications none..

FRAME COTTAGE
(1589) W CARR 275 S Paul Ave, being lots Nos. 34 and 35 Blk 1, Garden Tract Hd. Ass'n. All work except painting for one-story frame cottage.
Owner ..... Guiseppe and Ernesta Bosio, 1933 Stockton, San Francisco.
Architect ..... None.
Contractor ..... Garello & Cisero, 311 51st street, Oakland.
Filed June 20, '17. Dated June 15, '17.
Roof on $412.50
Brown coated 412.50
Completed and accepted 412.50
Usual 3 days 412.50
TOTAL COST, $1650.00
Bond, $900. Sureties, Dante Dianda and P. Mangone. Limit, 60 days from June 22, 1917. Forfeit, $2. Plans and specifications filed.

APARTMENTS
(1590) N BUSH — W Mason. All work for heating and hot water heating apparatus for four-story and base apartment building.
Owner ..... J. K. Bayse, 1431 Oxford Berkeley.
Architect ..... J. J. Donnellan, Bacon Bldg., Oakland.
Contractor ..... James & Drucker, 450 Hayes, S. F.
Filed June 20, '17. Dated June 6, '17.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, $1105.
Bond, Sureties, Forfeit, none. Limit, 120 days. Plans and specifications filed.

(1591) PLUMBING ON ABOVE.
Contractor ..... James & Drucker, 450 Hayes, S. F.
Payments same as above.
TOTAL COST, $6945
Bond, Sureties, Forfeit, none. Limit, 120 days. Plans and specifications filed.

FRAME FLATS
(1592) S GROVE 25 E Shrader. Two story and basement frame (2) flats.
Owner ..... J. C. Kirby, 104 Shrader, San Francisco.
Architect ..... None.
Day's work. COST, $4000

SIGN
(1593) TWENTY-THIRD & MISsion. Electric sign.
Owner ..... Grand Theatre, Premises.
Architect ..... None.
Contractor ..... Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, $550

ALTERATIONS
(1594) E WEBSTER bet. Clay and Sacramento. Metal door frames in openings of elevators (freight and passenger) replace college elevator with new one of push control type.
Owner ..... Leland Stanford University, Insurance Exchange Bldg., San Francisco.
Engineer ..... Baker, Carpenter & Waters, 58 Sutter, S. F.
Day's work. COST, $3000

LIGHTING FIXTURES
(1595) SE MARKET AND FOURTH. Lighting fixtures for California Theatre.
Owner ..... Market Street Realty Co., Mills Bldg., S. F.
Architect ..... Alfred H. Jacobs, 110 Sutter, San Francisco.
Contractor ..... Thos. Day Co., 725 Mission, San Francisco.
Filed June 21, '17. Dated June 20, '17.
On completion $7500
Usual 35 days 2500
TOTAL COST, $10,000
Bond, none. Limit, 1 week's notice after Sept. 15. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1596) NO. 735 BATTERY. New roof and skylight.
Owner ..... Geo. H. Mastick, 68 Post, San Francisco.
Architect ..... None.
Contractor ..... Petterson & Persson, 332 Lick Bldg., San Francisco
COST, $550

FRAME DWELLING
(1597) W MIRAMAR 100 S Ocean. One-story and basement frame dwlg.
Owner ..... R. Carter, 207 Monadnock Bldg., S. F.
Architect ..... None.
Day's work. COST, $600

ALTERATIONS
(1598) SW BUCHANAN AND PINE. Alter store.
Owner ..... Mrs. Bennett, New York.
Architect ..... None.
Contractor ..... Geo. Wolfenden, 827 Waller, San Francisco.
COST, $550

REPAIRS
(1599) 163-167 ERIE. Repair fire damage.
Owner ..... Mrs. M. Jenicke, 1021 Cole San Francisco.
Architect ..... None.
Contractor ..... John Diestel, 248 Russ Bldg., San Francisco.
COST, $1150

FRAME DWELLING
(1600) W PLYMOUTH 100 S Grafton One-story and basement frame dwlg.
Owner ..... F. Renwanz, 387 Oak, San Francisco.
Architect ..... None.
Contractor ..... Wm. H. Kerrigan, 5153 Shafter Ave., Oakland.
COST, $2000

FRAME DWELLING
(1601) S MINNA 100 E Eleventh. One-story and basement frame dwelling.
Owner ..... E. H. Young, 1668 Howard, San Francisco.
Architect ..... None.
Contractor ..... V. B. Pierson, 545 O'Farrell, San Francisco.
COST, $1700

FRAME DWELLING
(1602) N CLIFFORD 175 E Upper Terrace. Two-story and basement frame dwelling.
Owner ..... F. E. Lawson, 3318 17th, San Francisco.
Architect ..... None.
Day's work. COST, $5000

OFFICE BUILDING
(1603) S PINE bet. Montgomery and Sansome. Office building.
Owner ..... Mills Estate, Inc., Mills Bldg., San Francisco.
Architect ..... B. G. McDougall, Sheldon Bldg., San Francisco.

Contractor. Jos. Musto Sons Keenan Co.; Woods-Huddert & Gunn, J. H. Keefe; Palace Hardware Co.; Robt. Dalziel, Jr., Jas L. McLaughlin; Bradley and O'Reilly, McGilvray Raymond Granite Co.; Stockholm & Allyn; Rudgear-Merle Co.; W. P. Fuller & Co., and H. S. Tittle.
Filed June 22, '17. Dated, .
TOTAL COST, $-
NOTE:—No agreement filed, plans and specifications only.

CONCRETE WORK
(1604) NE VAN NESS AND OLIVE Aves N 60xE 109. Concrete work, bulkheading work, concrete wood forms, reinforcing steel, excavating and backfilling and new sidewalks for retaining wall.
Owner.....E. L. Goldstein, 333 Kearny, San Francisco.
Architect.....Rousseau & Rousseau, 110 Sutter, San Francisco.
Contractor....Barrett & Hilp, Sharon Bldg., San Francisco.
Filed June 22, '17. Dated June 21, '17.
Concrete forms erected, steel set in place, ready for pouring concrete $600.00
Completed and accepted..... 1162.50
Usual 35 days..... 587.50
TOTAL COST, $2350.00
Bond, none. Limit, 30 days. Forfeit, none. Plans only filed.

CONCRETE WORK
(1605) SE O'FARRELL AND Van Ness Ave., E 109xS 60. All work for concrete and bulkhead work, concrete wood forms, reinforcing steel, excavating and back filling and sidewalks for retaining wall.
Owner.....A. Steinberger, 333 Kearny, San Francisco.
Architect.....Rousseau & Rousseau, 110 Sutter, S. F.
Contractor....Barrett & Hilp, Sharon Bldg., S. F.
Filed June 22, '17. Dated June 21, '17.
Concrete forms erected, steel set in place ready for pouring concrete .....$ 750
Completed and accepted 1500
Usual 35 days 750
TOTAL COST, $3000
Bond, Sureties, Forfeit, none. Limit, 30 days. Plans and specifications filed.

REPAIRS
(1606) NO. 1569 POST. Repair fire damage.
Owner.....Mr. Hirt, 831 53rd, Oakland.
Architect .....None.
Day's work. COST, $585

ADDITION
(1607) NO. 726 NINTH AVE. Add pergola.
Owner.....C. Maihebeau. Premises.
Architect .....None.
Day's work. COST, $500

ADDITION
(1608) NOS. 1830-38 McALLISTER. Construct heater room.
Owner.....W. J. Hesthal, 1838 McAllister, San Francisco.
Architect .....None.
Contractor....Wm. C. Hamerton & Son, 1301 Waller, S. F.
COST, $600

FRAME SCHOOL
(1609) S JACKSON 91 E Lyon E, 115.6xS 127.8½. All work for two-story and partial basement frame and plaster private school.
Owner.....Miss Burke's School, 1760 Ellis, San Francisco.
Architect .....Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor....D. B. Farquharson, 110 Jessie, San Francisco.
Filed June 23, '17. Dated June 23, '17.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $40,308
Bond, $20,200. Surety, Massachusetts Bonding & Insurance Co. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1610) S POST 175 E Grant Ave E 100xS 122-6. Construction and completion of structural steel work for alterations and additions to building leased by O'Connor & Moffitt.
Owner.....Edward Barron Estate Co., Holbrook Bldg., S. F.
Architect .....Reid Bros., California-Pacific Bldg., S. F.
Contractor....Mortenson Constr. Co., 19th and Indiana, S. F.
Filed June 23, '17. Dated June 16, '17.
On of before 10 of each month 75%
Usual 35 days..... 25%
TOTAL COST, $20,111.50
Bond, $20,111.50. Surety, New Amsterdam Casualty Co. Limit, none. Forfeit, $10. Plans and specifications filed.

LEASES.

San Francisco County.

June 20, 1917—NE GOLDEN GATE & Fillmore, No. 1298 Golden Gate Ave. Mary L Price, extrx Estate W E Price, decd to Robert Welspiel and Wm J Walsh. 2 years. $2400 with option to renew.

NOTICE OF NON-RESPONSIBILITY.

San Francisco County.

June 21, 1917—E TWENTY-THIRD Ave 120 S Ulloa S 30xE 120. Parkside Realty Co as to improvements on leased property .....

COMPLETION NOTICES.

San Francisco County.

RECORDED ACCEPTED
June 1, 1917—SE MISSION 140 NE Seventh NE 45xSE 85. Somers & Co to C O Smith.....May 19, 1917
June 1, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. Annie Peyser to Brode Iron Works.....May 31, 1917
June 1, 1917—N JACKSON 72-1 W Franklin W 60xN 127-8¼. Meyer Wood to Brode Iron Works, Inc. .....May 31, 1917
June 1, 1917—S KING bet. 4th and 5th 577x69 m or l; N Berry bet. 5th and 6th 850-6x87 m or l; N Berry bet. 4th and 5th 522x84 m or l. Southern Pacific Co to whom it may concern.....May 24, 1917
June 2, 1917—N FAIRMOUNT 112 E Chenery E 30xN 125 Lot 3 Blk 18, Fairmount Tract. Frank and Kate Coghlan to whom it may concern.....May 15, 1917
June 2, 1917 S ALMA 100 W Shrader S parallel with Shrader 100 W 34-7½ N 100-2¾ E 27-10¼. Franklin W Dakin to F E Hooper, May 25; E J Montgomery May 24, '17
June 4, 1917—NE SACRAMENTO & Webster N 255-4½xE 275. The Board of Trustees of the Leland Stanford Junior University to Concrete Engineering Co.....June 1, 1917
June 4, 1917—N PINE 55 E Franklin E 40xN 137-6. L A Myers to O W Britt .....June 2, 1917
June 4, 1917—N PACIFIC 169 E Buchanan E 37-3xN 127-8¼. Harry P Franklin to J Harold Johnson.....May 29, 1917
June 4, 1917—N PACIFIC 169 E Buchanan E 37-4xN 127-8¼. Harry P Franklin to D Zelinsky & Sons .....May 29, 1917
June 4, 1917—E TWENTY-SIXTH Ave 60-11 S Balboa S 25xE 90. A R Walther to Martin and Hans Nelson .....June 4, 1917
June 4, 1917—E FIFTEENTH AVE 25 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917
June 4, 1917—E FIFTEENTH AVE 50 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917
June 4, 1917—E FIFTEENTH AVE 75 N Geary N 25xE 75. Edward Anton Janssen to whom it may concern.....June 4, 1917
June 4, 1917—E THIRTY-SIXTH AV 210 N Cabrillo N 30xE 120. Jacob Weissbein to Ernest E Dunn.....June 4, 1917
June 6, 1917—NW LARKIN AND Filbert No. 2401-2409 Larkin and No. 2415 Larkin. Chas F Theirbach to Gilley-Schmid Co.....June 6, 1917
June 6, 1917—E SEVENTEENTH AV 275 S Cabrillo S 50xE 120. Geo U Hind to James & Hatch.....June 4, 1917
June 6, 1917—FIFTH AND MARKET SE 275xNE 275. The Lincoln Realty Co to Wright & Kohn.....June 1, 1917
June 6, 1917—SE POST AND HYDE E 68-9xS 87-6. Gerard Invst Co to whom it may concern..June 6, 1917
June 6, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to C Caranza & Bro.....May 25, 1917
June 7, 1917—NW McALLISTER & Central Ave W 31-3xN 100. Jas C Nolan to L Heckenroth..June 1, 1917
June 8, 1917—LOT 3, BLK 3199, Westwood Park. Efren Lloyd to Joseph Neal .....June 6, 1917
June 8, 1917—N CALIFORNIA 107-6 E 21st Ave. Hemminga Bros., Inc., to Hemminga Bros., Inc.....June 7, 1917
June 8, 1917—E TWENTY-SIXTH Ave 85-11 S Balboa S 25xE 90. Harry and Eugenie Paiva to G. Sandberg .....June 4, 1917
June 8, 1917—N TWENTY-THIRD 325 W Hoffman Ave., Lot 177 Heyman Tract. Christian Anderson Russell to J. T. McInnis.....June 4, 1917
June 8, 1917—N JACKSON 34-4¼ W Lyon N 127-8xW 34-4½. D. Dangers to Cleeve Carson & Son.....June 1, 1917

June 8, 1917—N FIFTEENTH ST 180 E Noe E 25xN 115. Muriel Klotz to C. L. Knight June 6, 1917
June 9, 1917—W FIFTEENTH AVE 100 S Balboa S 50xW 127-6. John Johnson to whom it may concern June 8, 1917
June 9, 1917—N PACIFIC AVE 169 E Buchanan E 37-3xN 127-8¼. Harry P. Franklin to Central Elec. Co June 4, 1917
June 9, 1917—SW EIGHTH AND Brannan. The Western Pacific Railway Company to Farrell & Reed May 30, 1917
June 9, 1917—S PACIFIC AVE 165 E Baker E 27-6x S 127-8¼. David Bibbero to J. Harold Johnsen..... June 6, 1917
June 11, 1917—LOTS 174 AND 176 Gift Map No. 2. F W Matthai to whom it may concern....May 24, 1917
June 11, 1917—SE GROVE AND Shrader E 25xS 87-6. Joseph C Kirby to whom it may concern.....
June 12, 1917—W FOURTH bet. Channel and Hubbell. Southern Pacific Co to C B Eaton and J Smith.....June 5, 1917
June 12, 1917—E SECOND 190 S Harrison S 50xE 130. Louis A Giacobbi to T W McClenahan Co.. .....June 11, 1917
June 12, 1917—E HARRIET 150 S Bryant S 25xE 75. W I and H E Simpton to Jno E Beck..June 11, 1917
June 13, 1917—SE GEARY AND Grant Av E 100 S 80 m or l SW 33 m or l W 73 m or l N 100. Bankers' Invst Co to Gladding, McBean & Co.....June 8, 1917
June 13, 1917—N BUSH 206-3 W Montgomery N 137-6xW 68-9. Jos G Hooper to J D Hannah..June 6, '17
June 13, 1917—N QUESADA AVE 400 SE Newhall. Joseph and Lena Giampietro to T L Sharman..... .....June 12, 1917
June 14, 1917—E TWENTY-FOURTH Ave 125 N Clement. Edw G Brugge to whom it may concern..... .....June 13, 1917
June 15, 1917—S PACIFIC AVE 165 E Baker E 27-6xS 127-8¼. David Bibbero to Petersen-James Co..... .....June 8, 1917
June 15, 1917—E EIGHTEENTH AV 50 N Anza N 25xE 82-6. John S Purcell to whom it may concern.. .....June 12, 1917
June 15, 1917—S GENEVA 180 W Munich Being Lot 11 Blk 21, Crocker Amazon Tract. Chas C Warren to Victor Gullmes..... .....June 10, 1917
June 16, 1917—N BALBOA 82-6 E 18th Ave 25x10. Martin Nelson to whom it may concern..June 16, '17
June 16, 1917—W TWENTY-THIRD Ave 75 S California S 25xW 82-6. Hilding Anderson and Chas Johnson to whom it may concern..... .....—June 16, 1917
June 16, 1917—E SEVENTH AVE 150 N Kirkham N 25xE 120. Johnson & Johnson to whom it may concern.....June 9, 1917
June 18, 1917—LOT 11 PTN 10 BLK 15 Forest Hill. S A Clarke to S A Born Bldg Co.....June 8, 1917
June 18, 1917—SE MARKET 155 SW from W Church SW 100 SE 100 NE 23-10¼ E 110-8 3-10 N 82 W 14-9¾ SW 50 NW 100. Sunset Realty Co to Jas F McCarthy.....June 15, 1917
June 18, 1917—N PINE 164-7½ E Franklin E 27-1½xN 137-6. L A Myers to O W Britt .. . June 18, 1917
June 18, 1917—E CONGO 25 N Joost Ave N 25xE 100 Lot 7 Blk 40 Sunnyside. Otto R Johnson to whom it may concern.....June 14, 1917
June 19, 1917—E TWENTY-4TH Ave 25 N Balboa N 25xE 104-1. Jacob H Thorup to whom it may concern .. June 16, 1917
June 19, 1917—N HAIGHT 182-6 E Clayton N 137-6xE 25. E J Roberts to A McBarnes.....June 18, 1917
June 20, 1917—W LAGUNA 112-6 N Pine N 25xW 107-6. Jas Cantley to Wm McIntosh.....June 20, 1917
June 20, 1917—N POST 110 W Leavenworth W 27-6xN 137-6. Grace Yager to W W Yager..... .....June 20, 1917
June 20, 1917—SE CUMBERLAND & Dolores S 89 E 105 S 25 E 25 N 114 W 130. Second Church of Christ Scientist to Hermann Bosch .....June 11, 1917
June 20, 1917—NW O'FARRELL & Leavenworth N 25-9xW 80. F C Keck to E C Gaspard..June 19, 1917
June 21, 1917—E SHOTWELL 85 N 15th E 122-6xN 25. L Frankenstein to Herman T Ludwig..... .....June 11, 1917
June 21, 1917—S PINE 137-6 E Polk E 25xS 120. J A Nougue to F Andersen.....June 18, 1917
June 21, 1917—W NINETEENTH Ave 300 N Cabrillo N 25xW 120. William Klute to T E Mohler..... .....June 19, 1917
June 21, 1917—SW GROVE AND Clayton 40x112-6. J G Kincannon to whom it may concern..... .....Completed —
June 22, 1917—S POST 85 W Polk W 52-6xS 120. Louis Seckels to whom it may concern..June 22, 1917
June 22, 1917—W HOWARD 50 N 17th N 50 W 125 S 100 E 25 N 50 E 100. Daniel and John Lagan to P Lauchere and J B Bouschini .....June 22, 1917
June 22, 1917—W FOLSOM 198 S 17th W 122-6xS 150. Jean Allec to Habenicht & Howlett..... .....June 16, 1917
June 22, 1917—N LAKE 61-6 W 5th Ave W 26xN 100. Sophie Grannis to whom it may concern..June 22, '17
June 22, 1917—S BOSWORTH 75 E Milton E 25xS 100. Jos W Johnson to Wm M Reedy....June 19, 1917

LIENS FILED

San Francisco County.

RECORDED AMOUNT

June 1, 1917—NW LEAVENWORTH and O'Farrell W 80xN 25-9. Otis Elevator Co vs F C Keck, P F Reilly, Chas E Reinhart, E C Gaspard & Co and E C Gaspard.....$577.50
June 1, 1917—NW O'FARRELL AND Leavenworth N 25-9xW 80. Petersen-James Co vs F C Keck....$1509.85
June 1, 1917—NE EDDY AND WEBster N 137-6xE 412-6. G W Courtney vs Wm B, Mary E, Jacob C, Sarah K and Mildred P Ketler, Walter R Huff, Geo A Burch, R & Daniel McColgan, Reginald Bell and Eustace Bell and Mary E P Ketler Sheer'n $1047.90
June 4, 1917—W GOUGH 60 S Fulton S 27-6xW 87-6. Dan P Dolan vs Demaestri Giacomo and G Christina $27.23
June 4, 1917—E TWELFTH AVE 200 N California N 50xE 120. The California Door Co vs Robert McClelland $189.50
June 4, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Holmes Planing Mill Co vs Robert McLelland $637.98
June 2, 1917—S HUGO 120 W Second Ave W 25xS 110. E A Howard & Co vs H C and J D Bayles.....$82
June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 50xE 120. Franklin Street Planing Mill, $119.50; J S Guerin & Co, $144.60; Schwarz & Gottlieb, $44.75; Atlas Heating & Ventilating Co, $154 vs Robt McLelland .....
June 6, 1917—N JACKSON 72-1 W Franklin W 50xN 127-8¼. The Fernald Co, $85.65; Holmes Lime & Cement Co, $231.50; Western Lime & Cement Co, $102.38; Civic Center Supply Co, $72.10; H N McClure, $56.75; Richard Lynch, $500; Holmes Lime & Cement Co, $237.50 vs John Fay and Meyer Wood .....
June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120; E 12th Ave 225 N Cabrillo N 25xE 120. Lewis & Jourdain vs R McLelland $115
June 6, 1917—E TWELFTH AVE 225 N Cabrillo N 25xE 120. Schwarz & Gottlieb, $47.35; Edwin T Peterson, $93.30 vs J S and Robert McLelland .. ..
June 6, 1917—E TWELFTH AVE 200 N Cabrillo N 25xE 120. Julius E Back vs Robert McLelland, $37.50; Edwin T Peterson vs J S and Robt McLelland; Same.....$54.05
June 7, 1917—W TWENTY-FIRST Ave 175-3 S Santiago S 25xW 120. Oscar P Thornton vs Annie Warren $25
June 7, 1917—W TWENTY-FIFTH Ave 100 S California S 25 W 100 N 25 E 120. C E Moehrle (as Modern Sheet Metal Works) vs Henry A Lehfeldt $80
June 10, 1917—N JACKSON 132-1 W Franklin W 60xN 127-8¼. The Fernald Co, $85; Holmes Lime & Cement Co, $237.50; Civic Center Supply Co, $72.10; H N McClure, $56.75; Richard Lynch, $229.02; Western Lime & Cement Co, $102.38 vs John Fay and Annie Peyser
June 8, 1917—W TENTH AVE 250 S Lawton S 25xW 120 more or less. The Greater City Lumber Co. vs. Elizabeth Walsh and S. Tadd..$52.30
June 11, 1917—SE LEAVENWORTH and Francisco E 112-6xS 102. Thomas A Clark vs J B Inguglia.... .....$627.23
June 11, 1917—E THIRTY-FIRST Ave 75 N Clement N 27xE 100. Leonard Lumber Co vs Julia F Wilcox, H E and T W MacArthur (as MacArthur Bros).....$218.31
June 13, 1917—W PERU AVE AND Madrid SW 75xNW 75. Leonard Lumber Co vs Oscar Jacobs, H E and T W MacArthur (as MacArthur Bros) $1294.86
June 15, 1917—E TWENTY-THIRD Ave 200 N Geary E 120xN 25. W J Mannix vs Jno F Renstrom.....$98.75
June 15, 1917—W FIFTH AVE 109.38 S Cabrillo S 25xW 120. Jas E Lennon Lime & Cement Co vs E A Janssen & Chas Church....$133.12

June 18, 1917- SW LEAVENWORTH and Geary S 80-5xW 68.9. J Barman vs Gerard Invst Co . $713.62

June 19, 1917 W TWENTY-FIFTH Ave 100 S California S 25xW 120. G Massagli and J Vannucci (as Massagli & Vannucci) vs Henry A Lehfeldt . . . $109.60

June 19, 1917 E THIRTY-FIRST Ave 75 N Clement N 25xE 100. Reinhart Lumber & Planing Mill Co vs H E and T W MacArthur (as MacArthur Bros) and Julia Wilcox . . . $196.37

June 20, 1917—W VAN NESS AVE 50 N Pine N 65xW 125-6. Concrete Eng Co vs A C Kuhn, John Spargo and Fidelity & Deposit Co. of Maryland . . . $500

Building Contracts Awarded.

Oakland

No.	Owner	Contractor	Amt.
1185	Levy	Christensen	600
1186	Galindo	Fagel	6500
1187	Lawson	Lawson	3900
1188	Neary	Neary	2500
1189	McGibben	Burnett	1120
1191	Boglini	Morgan	425
1192	Smith	Venn	580
1193	Monge	Perona	425
1194	Cayhill	David	480
1196	Jepsen	Jepsen	4000
1197	Coast Mfg	Costa	765
1198	Milwain	Schindler	500
1201	Brown	Brown	600
1202	Ruedy	Marquis	1500
1205	Union Hide	Sockolov	2000
1208	Bekins	Sommarstrom	2850
1210	Pfrang	Pfrang	2500
1211	Same	Same	2500
1212	Scarpullo	Howden	780
1214	Tuttle	Tuttle	1500
1215	Tuttle	Tuttle	1500
1216	Tuttle	Tuttle	1500
1217	Pfrang	Pfrang	2000
1218	Midgeley	Midgeley	1000

ALTERATION
(1185) NO. 413 THIRD ST., Oakland. Alteration.
Owner.....Levy & Lentner, 3rd and Franklin, Oakland.
Architect.....None.
Contractor....C. Christensen & Son, 565 16th, Oakland.
COST, $600

SIDEWALK ALTERATION
(1186) SW EIGHTH and Franklin, Oakland. Sidewalk alteration.
Owner.....Galindo Estate.
Architect.....None.
Contractor....P. Fugel, 4361 Howe, Oakland.
COST, $650

RESIDENCE
(1187) NE LAKE and Howard Aves., Piedmont. Two-story frame residence.
Owner.....Earnest Lawson.
Architect.....None.
Contractor....A. J. Yerrick, 5255 College Ave., Oakland.
COST, $3900

DWELLING
(1188) W GRAND AVE., 190 N Oakland Ave., Piedmont. One-story, 5-rooms and sleeping porch.
Owner..... W. F. Neary, 1701 Telegraph, Oakland.
Architect. . Owner.
Day's work. COST, $2500

ALTERATIONS
(1189) NO. 875 FIFTY-SIXTH ST., Oakland. All work for alteration and repairs to dwelling and build garage.
Owner.....Mrs. Louise McGibben, 875 56th, Oakland.
Architect.....None.
Contractor....F. L. Burnett, 745 Aileen, Oakland.
Filed June 18, '17. Dated June 14, '17. Rough carpentry work completed . $373
Plastered 373
Completed 374
TOTAL COST, $1120
Bond, Sureties, Forfeit, none. Limit, 60 days. Plans only filed.

ALTERATIONS
(1191) NO. 809 FIFTY-SECOND Ave., Oakland. Alterations and additions.
Owner.....F. Baglini, Premises.
Architect.....None.
Contractor W. A. Morgan, 3702 Allendale Ave., Okd.
COST, $425

ADDITION
(1192) NO. 638 FORTY-SEVENTH, Oakland. Repairs and addition.
Owner.....Mrs. Smith, 567 Apgar, Oakland.
Architect.....None.
Contractor....E. C. Venn, 517 23rd, Oakland.
COST, $580

ALTERATIONS
(1193) NO. 592 FORTY-FIFTH, Oakland. Alterations.
Owner.....G. Monge, 4111 Terrace, Oakland.
Architect . . .None.
Contractor....John Perona, 568 7th, Oakland.
COST, $425

ALTERATIONS
(1194) NO. 101 E-EIGHTH, Oakland Alterations.
Owner.....D. Cayhill, Premises.
Architect.....None.
Contractor....W. J. David, 1034 24th, Oakland.
COST, $480

DWELLING
(1196) E GRAND AVE 350 S Cottage, Oakland. One and one-half-story 8 room dwelling.
Owner.....Mrs. Anna Jepsen, 1832 Delaware, Berkeley.
Architect.....None.
Day's work. COST, $4000

ALTERATIONS
(1197) NO. 1022 SIXTY-SIXTH Ave., Oakland. Alterations.
Owner.....Coast Mfg. & Supply Co.
Architect.....None.
Contractor....M. Costa, 1009 66th Ave., Oakland.
COST, $765

ALTERATIONS
(1198) NO. 1520 BROADWAY, Oakland. Alterations.
Owner.....Milwain Bros., Albany Blk., Oakland.
Architect.....None.
Contractor Fink & Schindler Co., 216 13th, San Francisco.
COST, $500

REPAIRS
(1201) NOS. 2001 & E FOURTEENTH Oakland Fire repairs.
Owner C. F. Brown, 709 34th, Oakland.
Architect None.
Day's work. COST, $500

DWELLING
(1202) SW SEMINARY AVE AND Avenal Aves., Oakland. One-story 5-room dwelling.
Owner.....E. Ruedy, Oakland.
Architect.....None.
Contractor....E. M. Marquis, 2827 Russell, Berkeley.
COST, $1500

ADDITION
(1205) SE THIRD AND HARRISON, Oakland. One-story brick addition to factory.
Owner.....Union Hide Co., 215 Webster, Oakland.
Architect.....None.
Contractor....J. Sockolov, 2558 Clay, San Francisco.
COST, $2000

CONCRETE GARAGE
(1208) E BRUSH 100 S 22nd, Oakland. One-story concrete garage.
Owner.....Bekins Van & Storage Co., 22nd & San Pablo, Oakland.
Architect.....None.
Contractor....Sommarstrom Bros., 24th and Telegraph Ave., Okd.
COST, $2850

DWELLING
(1210) W TULARE 200 S Solano, Albany. One-story 5-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect.....None.
Day's work. COST, $2500

DWELLING
(1211) W TULARE 150 S Solano, Albany. One-story 5-room dwlg.
Owner.....H. C. Pfrang, 5487 Claremont Ave., Oakland.
Architect.....None.
Day's work. COST, $2500

TILE FLOOR
(1212) NO. 415 TWELFTH, Oakland. Tile floor.
Owner.....Scarpullo & Digarde, Premises.
Architect.....None.
Contractor....Robert Howden, 1117 Webster, Oakland.
COST, $780

DWELLING
(1214) N E-THIRTY-FIRST 675 E 14th Ave., Oakland. One-story 4-room dwelling.
Owner.....I. S. Tuttle, 2222 E-31st, Oakland.
Architect....None.
Day's work. COST, $1500

DWELLING
(1215) N E-THIRTY-FIRST 615 E-14th Ave., Oakland. One-story 4-room dwelling.
Owner.....I. S. Tuttle, 2222 E-31st, Oakland.
Architect.....None.
Day's work. COST, $1500

DWELLING
(1216) N E-THIRTY-FIRST 645 E 14th Ave., Oakland. One-story 5-room dwelling.

Owner I. S. Tuttle, 2222 E-31st, Oakland.
Architect None.
Day's work. COST, $1500

DWELLING
(1217) E ARBOR AVE 100 N Hudson Oakland. One- story 5-room dwlg.
Owner C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect .....None.
Day's work. COST, $2000

ALTERATIONS
(1218) SEVENTEENTH AND SAN Pablo Ave., Oakland. Alterations.
Owner C. W. Midgelely, American Theatre, Oakland.
Architect .....None.
Day's work. COST, $1000

Building Contracts Awarded.

Berkeley

No.	Owner	Contractor	Amt.
1190	Banning	Stewart	2000
1195	Cutter	Sattern	400
1199	Craft	Broad	450
1200	Clark	Sattin	5500
1207	Stewart	McDuffie	2500
1209	Kelsey	Arnett	600
1213	Bellows	Whitaker	37000

DWELLING
(1190) W SACRAMENTO 268 N Dwight Way, Berkeley. One-story 5-room dwelling.
Owner.....Banning & Stewart Construction Co., 5204 Desmond, Oakland.
Architect .....None.
Day's work. COST, $2000

SHED
(1195) SIXTH AND GRAYSON, Berkeley. Shed.
Owner.....Cutter Laboratory, Prem
Architect .....None.
Contractor....H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $400

GARAGE
(1199) NO. 2124 KITTRIDGE, Berkeley. Garage.
Owner.....Elizabeth Craft, Premises
Architect .....None.
Contractor....A. H. Broad, 2117 Kittridge, Berkeley.
COST, $450

DWELLING
(1200) W ARCH 120 S Rose, Berkeley. Two-story 9-room dwelling.
Owner.....A. W. Clark, 1524 Arch, Berkeley.
Architect .....None.
Contractor....H. J. F. Sattin, 2536 Chilton Way, Berkeley.
COST, $5500

DWELLING
(1207) E LA VAREDA 75 N Virginia, Berkeley. Two-story six-room dwelling.
Owner.....Guy R. Stewart, University of California, Bkly.
Architect .....None.
Contractor....Mason McDuffie Co., Shattuck & Addison, Bkly
COST, $2500

ADDITION
(1209) NO. 2213 VINE, Berkeley. Reshingling and addition.
Owner Mrs. Kelsey, Premises.
Architect .....None.
Contractor....J. O. Arnett, 2535 Filbert, Oakland.
COST, $600

FRAME APARTMENTS
(1213) LOTS 9 AND 10 BLK "B" Map No. 3, Hillegass Tract, Berkeley. All work for three-story frame 55-room apartments.
Owner Elmer H. Bellows, 1304 78th Ave., Oakland.
Architect.....None.
Contractor.. W. A. Whitaker 848 E-19th, Oakland.
Filed June 22, '17. Dated June 21, '17.
Frame up ¼
Brown coated ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, $37,000
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda

No.	Owner	Contractor	Amt.
1203	Pond	Stewart	2000
1204	Pond	Stewart	2000
1206	Sunset	Macauley	1000

DWELLING
(1203) STERLING AVE., Alameda. One-story 6-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect .....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(1204) STERLING AVE., Alameda. One-story 6-room dwelling.
Owner.....J. K. Pond, 1518 Encinal Ave., Alameda.
Architect .....None.
Contractor....G. W. Stewart, 3010 Central Ave., Alameda.
COST, $2000

DWELLING
(1206) S CENTRAL AVE bet. 5th and 6th, Alameda. One and one-half 5-room dwelling.
Owner.....Sunset Beach, Premises.
Architect .....None.
Contractor....Frank Macauley, 429 Central Ave., Alameda.
COST, $1000

NOTICE OF NON-RESPONSIBILITY.

Alameda County

June 18, 1917—S FOURTEENTH 100 W Broadway W 100xS 100, Okd. Matilda Brown, Annie Moller and Lillian D Powers as to improvements on leased property..
June 23, 1917—LOT 38 BLK "B" Map 4th Avenue Terrace, Okd. East Piedmont Land Co as to improvements on leased property.

COMPLETION NOTICES

ALAMEDA COUNTY

RECORDED ACCEPTED
The Landregan Tract, Emeryville. Sterling Paint Co. to Sommarstrom Bros.....May 31, 1917
June 1, 1917—LOT 23 Map 2 Central Oakland Tract, Okd A L White to M P Brasch .....June 1, 1917
June 1, 1917—LOT 16, BLK A, Lakewood Park, Oakland. M. Hollested to whom it may concern.....June 1, 1917
June 2, 1917—LOT 23 BLK 23 Map San Antonio, Okd. A E Wyber to Alex C Wieben.....May 23, 1917
June 2, 1917—W THIRTY-THIRD Ave 115 S E-16th S 36 ——, Okd. Harry V Willcutt to W L Goodwin .....May 28, 1917
June 2, 1917—LOT 5 Map Plot 10, Ptn Hitchcock Tract, Okd. Laura E Leach to Fred H Field..May 24, '17
June 4, 1917—NE 50 LOT 23 AND SW 25 Lot 22, Blk 4, Map Oak Lawn, Oakland. Blanche Harley Strong to Strong Realty Co.....May 31, 1917
June 4, 1917—LOT 22, BLK 4, Map Thousand Oaks Station Tract, Berkeley. George Friend to A. H. Pallen .....June 1, 1917
June 6, 1917—NE BROOK 80 E Broadway SE 47.59 NE 125.63 NW 103.82 SW 113.36, Okd. F W Taylor to Sommarstrom Bros....June 6, 1917
June 6, 1917—W UNION 100 N 7th, Oakland. B. Brosin to C. M. Griffin .....June 6, 1917
June 6, 1917—NE BROOK ST., 80 E Broadway SE 47.59 NE 125.63 NW 103.82 SW 113.36, Oakland. F. W. Taylor to Sommarstrom Bros.....June 6, 1917.
June 7, 1917—LOT 4, BLK 2, Map Claremont, Berkeley. Blanche C. Whiteside to Jones & McGovern .....June 4, 1917
June 7, 1917—SW FOURTH AND Jackson streets, Oakland. Doak Gas Engine Co. by Chester H. Miller to C. Christenson & Son.....June 6, 1917
June 7, 1917—SW E-SEVENteenth St 277.10 NW Nutley Ave NW 33 SW 100, Oakland. John Reining and Laura C. Reining to Lawrence Flagg Hyde..June 7, 1917
June 8, 1917—LOT 20, BLK 19, Map Melrose Heights, Oakland. May L. Zappettini to whom it may concern .....June 6, 1917
June 9, 1917—N 45 LOT 23, BLK 1, Northbrae Station Tract, Berkeley. C. R. Madison to Mason-McDuffie Co. .....June 1, 1917
June 11, 1917—S 20 LOT 27 AND N 20 Lot 28, Blk H, Map Hillegass Property, Berkeley. St. John's Presbyterian Church to J. W. Buskirk .....June 2, 1917
June 12, 1917—LOT 18 Fuller & Todd Tract. ——. Fuller & Todd Realty Co to M C Vaughn.....June 9, 1917
June 13, 1917—LOT 83, Map Fourth Avenue Terrace Extension, Oakland. W. D. Nichols to whom it may concern .....June 1, 1917
June 14, 1917—SW ROSS ST and Harwood Ave, 42x80, Oakland. Joseph Coward to whom it may concern .....June 14, 1917
June 14, 1917—BOUNDED ON N BY 1st St, S by Oakland Harbor, W by Myrtle St., produced S and on E by Clay St., Oakland. Pacific Gas and Electric Co. to Pacific Coast Dredging and Reclamation Co. June 6, 1917
June 14, 1917—NW SEMINARY AVE and SW Foothill Blvd SW 125 NW 80 NE 74.5 SE 100. Mrs. Lonore

C. Moulin to G. Sandberg.....June 8, 1917

June 14, 1917—LOT 2 BLK 7, Map Northbrae, Berkeley. R. E. French to C. E. Sinclair.....June 1, 1917

June 14, 1917—LOT 5 BLK 1 Grand View Terrace, Berkeley.. A. W. Bailey to Edward W. Larmer.....June 9, 1917

June 15, 1917—**S FIRST 276.07 S — South line First on E line Myrtle Extended S 691.78 W 204, Okd. Western Fuel Co to David Graham**.....June 9, 1917

June 15, 1917—W SIXTY-SECOND Ave 125 N Foothill Blvd, Okd. E S James to W R Brooks....June 12, 1917

June 15, 1917—E BROADWAY 80 N 23rd 81x43-6, Okd. G W Emmons to G A Scott.....June 9, 1917

June 18, 1917—S JEROME AVE 110 E Bowie Place E 50x135, Piedmont. Edward A. Chick to whom it may concern .....June 18, 1917

June 18, 1917—196 MOUNTAIN AVE being ptns lots 7 and 8, Map Piedmont Center Tract, Piedmont. C. M. McGregor to whom it may concern .....June 13, 1917

June 19, 1917—S 36 LOT 3 BLK 33 Map La Lakeside Subdvn Adams Point Ppty, Okd. A A Armstrong to Arvid E Olson.....June 11, 1917

June 21, 1917—LOT 10 BLK "C" East Piedmont Heights, Oakland. Banning & Stewart Constr Co to whom it may concern..June 6, 1917

June 21, 1917—SW ARROYO AVE and Monticello Ave W 125xS 45, Piedmont. John F and Marjorie Hassler to Louis Johnson.....June 13, 1917

June 21, 1917—N THIRTY-FIRST 315 E Market E 50xN 100, Okd. Virginia Schmidt to S Richmond and A J Hopper.....June 8, 1917

June 22, 1917—NE FIRST AND Filbert, Okd. California Packing Corp to C L Wold & Co....June 14, '17

LIENS FILED

ALAMEDA COUNTY

RECORDED — AMOUNT

June 7, 1917—S SEVENTH ST 100 E Chester St., E 25xS 100, Oakland. John Vukovick to Luiza and Philip Lourick and M. M. Sago $1,617.49

June 6, 1917—S PARK BLVD 201.34 NE E-28th being Lot 16 and Ptn Lot 17 Map Ardsley Heights, Okd. E W Urch vs C M Peck.....$152

June 9, 1917—LOT 4, BLK L, Map Extension Meek Orchard Tract. —. J. W. Jewell vs. J. Smith..$100.50

June 9, 1917—SW NINTH ST 100 SE Franklin St SE 37½xSW 100, Oakland. Rhodes, Jamieson & Co. vs. L. W. Allen, John Doe and Richard Roe, doing business as Tong Sang & Co., and Julia M. Donohue....$30.40

June 9, 1917—LOT 45, BLK F, Lakewood Park, Piedmont. D. J. O'Connell vs. James J. Grandville $91

June 11, 1917—E WINDSOR AVE 40x100 being Lot 45, Map Lakewood Park Tract, Piedmont. R. A. Kronke vs. James J. Granville....$13

June 11, 1917—LOT 45, BLK F, Lakewood Park Tract, Piedmont. Chamberlain & Osgood vs. James J. Granville.....$28.70

June 12, 1917—LOT 45 BLK "F" Map Lakewood Park, ——. Emeryville Hardware & Tool Co, $64.80; Adam Schmidt & John Blitsch, $343; Spott Bros, $37.50; Fred P Ollerich, $61.75; P H Franks, $38.75 vs James J Granville.....

June 13, 1917—S NINTH ST 100 E Franklin St., E 37-6xS 100, Oakland. Sunset Lumber Co. vs. L. W. Allen, Julia M. Donohue and Tong Sang Co.....$238.79

June 20, 1917—LOT 113 AND SE ½ Lot 112 Blk R, Map Fruitvale Boulevard Tract, Oakland. Melrose Lumber and Supply Co vs. Gertrude Releigh.....$28.50

BUILDING CONTRACTS.

Santa Clara County.

ALTERATIONS

STANFORD CAMPUS, Palo Alto. All work for alterations and additions to assay laboratory.

Owner.....Stanford University.
Architect .....None.
Contractor....John Arnott.
Filed June 20, '17. Dated June 12, '17.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4644

Bond, $2322. Sureties, S. Pedgrift and G. R. Chambers. Limit, 60 days from date. Forfeit, $20 per day. Plans and specifications filed.

WAREHOUSE

PROPERTY BDED BY SAN CARLOS, Los Gatos Creek, Sansevain and S.. P. right of way. All work for one-story reinforced concrete and brick warehouse.

Owner.....California Packing Corp., 120 Market, S. F.
Engineer .....Philip L. Bush, 2231 Van Ness Ave., S. F.
Contractor....Trevia & Pasqualetti, 400 Bay, San Francisco.
Filed May 26, '17. Dated May 22, '17.
Form work columns and roof beams in $1500
Concrete for columns poured.. 2500
Main roof slab concrete poured 4000
Concrete lantern roof poured.... 2000
Concrete floor done..... 3000
Accepted 3375
36 days after 5475
TOTAL COST, $21,850

Bond, $10,925. Surety, London & Lancashire Indemnity Co. Limit, 60 days after May 24. Forfeit, $25 per day. Plans and specifications filed.

PLUMBING

THIRD ST., bet. William and Reed Streets, San Jose. Plumbing, sewer and galvanized iron, 2 toilets for St. Mary's School.

Owner.....Roman Catholic Archbishop of San Francisco, 1100 Franklin, S. F.
Architect .....Wm. Klinkert, San Jose
Contractor....C. L. Meisterheim, 369 S-First, San Jose.
Filed June 11, '17. Dated June 8, '17.
On completion 75%
Usual 35 days 25%
TOTAL COST, $1568

Bond, $785. Sureties, A. O. Kayser and E. H. Leitch. Limit 30 days from date. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

Santa Clara County.

RECORDED — ACCEPTED

June 6, 1917—LOS ALTOS. Babette Neugass to Carl Lindholm.....May 31, 1917

June 7, 1917—NAGLEE ST. near Morse St., near San Jose. J A Tinker to A K Burkett....June 1, 1917

June 12, 1917—BENTON near Lafayette St., Santa Clara. John J Jones to Geo Lindblom.....June 9, 1917

June 14, 1917—LOT 7 of Costello Acres. F J Costello to whom it may concern.....June 8, 1917

LIENS FILED.

Santa Clara County.

RECORDED — AMOUNT

May 28, 1917—LOTS 23 AND 24 BLK 2, Glen Ridge Terrace, Los Gatos J R Bryant vs Emilia and Ed Heyde $1308.55

June 4, 1917—PTN OF NE¼ OF SE ¼ SEC 14 TP 8 S Range 1 West Mt. Diablo Mer. R R Allison vs Margaret T Johnson et al.....$25

June 6, 1917—2¼ MILES SOUTH of Los Gatos. M A Schmidlin vs The Oaks Sanitarium.....$146

June 7, 1917—SAN JOSE AND LOS Gatos Road near Cambrian School. J R Bryant vs Bertha Phillips $724.75

June 7, 1917—LOTS 23 AND 24 BLK 2, Glen Ridge Terrace, Los Gatos C E Bacon vs Emilia Heyde....$111.02

June 8, 1917—LOTS 23 AND 24 BLK 2, Glen Ridge Terrace, Los Gatos J R Bryant vs Emilia Heyde et al $1308.55

June 13, 1917—LOT 12, Emerson Tract, San Jose. J M Hickey vs E H Furman.....$169.50

June 15, 1917—S WALL ROAD Ptn Lot 2 Morris Sbdvn of Loucks Tract. W H Yount vs S Spognoli et al $1414.67

RELEASE OF LIENS

Santa Clara County

RECORDED — AMOUNT

May 31, 1917—LOTS 22 AND 23 Pyle Sbdvn resbdvn Lots 28-29, Reed Addition, San Jose. A E Holmes to American Can Co.....$289.91

June 21, 1917—LOTS 23 AND 24 Blk 2 Glen Ridge Terrace, Los Gatos. J R Bryant to Emelia Heyde et al $1308.55

June 21, 1917—LOTS 23 AND 24 Blk 2, Glen Ridge Terrace, Los Gatos J R Bryant to Emelia and Edward Heyde $1380.55

BUILDING CONTRACTS.

San Mateo County.

MODEL FARM, ETC.

ATHERTON LOT 17 of Polhemus Tract. All work for model farm and extension to grounds, Belgian hare hutches, chicken houses, croquet ground, etc.

Owner.....Louis Stern, Atherton.
Architect Houghton Sawyer, Shreve Bldg., S. F.
Contractor W. C. Duncan & Co., Sharon Bldg., S. F.
Filed June 6, '17. Dated May 26, '17.

Payments of ..... 75% and 25%
TOTAL COST, $11,490
Bond, $5,745. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

HOTEL
NINTH AVE AND B ST., San Mateo. Cleaning, painting and puttying of the walls and staining of roofs, etc., of Peninsula Hotel, Club House and garage.
Owner ..... San Mateo Improvement Company.
Architect ..... E. E. Young, 251 Kearny, San Francisco.
Contractor.... J. F. Killelea, 506 Highland Ave., San Mateo.
Filtd June 9, '17. Dated May 31, '17.
Payments of ..... 75% and 25%
TOTAL COST, $4557
Bond, $1139.25. Sureties, J. A. Connal and G. C. Killelea. Limit, 30 days. Forfeit, none. Plans and specifications filed.

CONCRETE DAM ETC.
NEAR PORTOLA, Ormondale Ranch. All work for concrete dam, spillway, mug-wall ,etc.
Owner..... Ormondale Company.
Engineers ..... Punnett & Parez, 333 Kearny, San Francisco.
Contractor.... Harry B. Morey & Sons, Menlo Park.
Filed June 12, '17. Dated June 7, '17.
Payments of..... 75% and 25%
TOTAL COST, $2179.60
Bond, $1100. Surety, American Surety Co. of New York. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME RESIDENCE
NE ACACIA DRIVE AND EDGE HILL Drive being Lot "B" Burlingame Terrace. All work for one-story frame residence.
Owner..... Ida M. Foley.
Architect ..... Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor.... Fred Miller, 225 Dolores, San Francisco.
Filed June 6, '17. Dated June 1, 17.
Framed $1125
Brown plastered 1125
When completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, $2250. Sureties, Thos. Leonard and Jas. E. Lennon. Limit, 80 days. Forfeit, none. Plans and specifications filed.

SIDEWALKS
SALEM CEMETERY, Colma. All work for sidewalks.
Owner..... Congregation Beth Israel, 1839 Geary, S. F.
Architect ..... None.
Contractor.... The Fay Improvement Co., Phelan Bldg., S. F.
Filed June 15, '17. Dated June 11, '17.
When finished 75%
Usual 35 days..... 25%
TOTAL COST, .05¾c per sq. ft.
Bond, $3000.. Sureties, A. E. Sbarboro and A. Sbarboro. Limit, forfeit, none. Specifications only filed.

RESIDENCE
LOTS 1, 2, 3, 12, 13, 14 BLK 5, Burlingame Hills, Burlingame. Glazing, glass, plate glass mirrors, installing, etc., for residence.
Owner ..... Mrs. E. A. Christenson, San Francisco.
Architect ..... Chas. E. Gottschalk, Phelan Bldg., S. F.
Contractor.... Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco.
Filed June 16, '17. Dated June 9, '17.
Payments of ..... 75% and 25%
TOTAL COST, $1697
Bond, $850. Surety, New Amsterdam Casualty Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

FRAME BUNGALOW
S ½ LOT 117, San Mateo Park, San Mateo. All work except electric fixtures and trimming hardware for one-story frame bungalow and garage.
Owner..... Althea Walker, San Mateo, Cal.
Architect ..... W. L. Schmolle, 166 Geary, San Francisco.
Contractor.... Samuel McClure, Burlingame, Cal.
Filed June 21, '17. Dated June 20, 17.
When framed $1775
Rough plastered and plumbing done 1775
When completed 1775
Usual 35 days..... 1775
TOTAL COST, $7100
Bond, none. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

COMPLETION NOTICES.

San Mateo County.

RECORDED ACCEPTED
June 8, 1917—FILILOLI, Canada da Raymundo near Portola. W B Bourn to A E Brooke Ridley..... June 6, 1917
June 9, 1917—LOTS 1, 2, 3, 12, 13, 14 Blk 5 Burlingame Hills, Burlingame. Mrs Edwin A Christenson to Alexander Coleman..... June 4, 1917
June 9, 1917—LOTS 1, 2, 3, 12, 13, 14 Blk 5, Burlingame Hills, Burlingame. Mrs. Edwin A Christenson to McGowan & Butler..... June 4, 1917
June 13, 1917—LOT 12 BLK 14, Easton Add'n to Burlingame No. 1, Burlingame. William and Almenia Hippert to J W Monroe..... May 23, 1917
June 13, 1917—LOT 15 BLK 25, Dingee Park, Redwood City. F J Fuller and Margaret Grace to whom it may concern..June 12, 1917
June 13, 1917—"OAK KNOLL Manor," Redwood City. George H Irving Co to Petersen & Grier..... June 12, 1917
June 13, 1917—LOT 16 BLK 7 Crocker Est Tract Sub No. 1, Daly City. William F Dreyer to whom it may concern..... June 7, 1917
June 15, 1917—"FILOLI" Canada de Raymundo near Portola. W B Bourn to Vulcan Iron Works..... June 12, 1917

LIENS FILED.

San Mateo County.

RECORDED AMOUNT
June 9, 1917— FILOLI, Canada da Raymundo near Portola. Edward Dearborn vs W B Bourn and Floodberg & McCaffery.....$213.13
June 11, 1917—FILOLI Canada da Raymundo near Portola. Fox-McNulty Lumber Co vs W B Bourn and Floodberg & McCaffery $105
June 13, 1917—FILOLI, Canada da Raymundo near Portola. Gray-Thorning Lumber Co vs W B Bourn and Agnes M Bourn and Floodberg & McCaffery.....$1737.50
June 15, 1917—"FILOLI" Canada de Raymundo near Portola. Pacific Portland Cement Co vs W B Bourn and Floodberg & McCaffery $630.72

BUILDING CONTRACTS.

Marin County.

FLATS, ETC.
SAUSALITO, Marin Co. All work for two-story reinforced concrete saloon and flats.
Owner..... A. Gales, Sausalito.
Architect ..... O'Brien Bros., Inc., 240 Montgomery, S. F.
Contractor.... R. De Luca, 2256 Jones, San Francisco.
Filed June 21, '17. Dated June 19, '17.
2nd story joists in position....$1087.50
Ready for roofing..... 1075.00
Brown coated 1075.00
When completed 1075.00
Usual 35 days..... 1437.00
TOTAL COST, $5750.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
CHAPMAN, Marin Co. Carpenter work, plastering, etc., for one-story frame building.
Owner..... Mrs. Julia Marc, Stockton, Cal.
Architect ..... Thos. O'Connor, 524 4th St., San Rafael.
Contractor.... G. B. Ghilotti, San Rafael
Filed June 18, 17. Dattd June 18, '17.
Frame up $500
Enclosed 500
Completed 500
Usual 35 days..... 500
TOTAL COST, $2000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME GARAGE
SAN RAFAEL. Carpenter work, etc., for one-story frame garage.
Owner..... Kaenel & Becker, San Rafael.
Architect ..... G. B. Ghilotti, San Rafael
Contractor.... G. B. Ghilotti, San Rafael
Filed June 18, '17. Dated May 29, '17.
Frame up $1000
Building completed 900
Usual 35 days..... 588
TOTAL COST, $2488
Bond, none. Limit, 50 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES.

Marin County.

RECORDED ACCEPTED
June 18, 1917—SAN ANSELMO. August J Lang to John E Warner ..... June 16, 1917
June 21, 1917—OSGOOD TRACT. San Anselmo. Chas F Bauer to Wallace & Lanpher..... June 19, 1917

LIENS FILED.

Contra Costa County.

RECORDED AMOUNT
June 20, 1917 LOT 17 BLK 10 in Nicholl Sbdvn, Richmond. M A Hancock vs N J McNamara $75

BUILING CONTRACTS.

Contra Costa County.

COTTAGE
CASTRO AND RICHMOND, Richmond. Frame cottage.
Owner..... L. L. Page, 8th and Bissell, Richmond.
Architect.....None.
Day's work. COST, $2050

COTTAGE
EIGHTH between Pennsylvania and Lucas, Richmond. Frame cottage.
Owner.....M. Morton, Bldrs. Exchange, 10th and Macdonald, Richmond.
Architect.....None.
Day's work. COST, $1500

DWELLING
CARLSTON AND RICHMOND, Richmond. Frame dwelling.
Owner.....J. O. Waldy, 5th and Nevin, Richmond.
Architect.....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $3850

DWELLING
MOUNT AND RICHMOND, Richmond. Frame dwelling.
Owner.....Contra Costa Realty Co., 10th and Macdonald, Richmond.
Architect.....None.
Contractor....E. A. F. Carson, 405 Nevin Ave., Richmond.
COST, $6000

COTTAGE
CLINTON between 13th and 14th, Richmond. Frame cottage.
Owner.....Mrs. M. McDeivitt, 565 Page, San Francisco.
Architect.....None.
Contractor....D. Worley, 212 S 13th, Richmond.
COST, $1400

COTTAGE
BARRETT between 41st and 42nd, Richmond.
Owner.....John Opman, 1700 Macdonald Ave., Richmond.
Architect.....None.
Contractor....M. G. Humphrey, Yager Apts., Richmond.
COST, $1750

COTTAGE
TWENTY-THIRD between Cutting and Virginia. Frame cottage.
Owner.....D. Arinanini, 330 S 23rd, Richmond.
Architect.....None.
Contractor....C. Fiornini, 2349 23rd St., Richmond.
COST, $1535

COTTAGE
MAINE between 23rd and 25th, Richmond. Frame cottage.
Owner.....Antone Mello, 25th and Maine, Richmond.
Architect.....None.
Contractor....Carl Overaa, 1818 Roosevelt Ave., Richmond.
COST, $1460

NOTICE!



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COMPLETION NOTICES.

Contra Costa County.

RECORDED ACCEPTED
June 9, 1917—LOT 9 BLK 18, Richmond Traffic Center. Issac L Merrill to Matt L Koski..May 16, '17
June 9, 1917—NW SIDE BARRETT St., Richmond. Anna M Fair to E A F Carson.....June 6, 1917
June 18, 1917—LOT 21 BLK 69, City of Richmond. Charles M Wiggin to Carl Overaa.....June 1, 1917
June 28, 1917—LOTS 22 AND 23 Blk 69, City of Richmond. Valentin and Marie Luba to Mathew Morton.....June 18, 1917

BUILDING CONTRACTS.

Fresno County.

LOTS 5, 6 AND 7, BLK 6, Alta Vista Tract, Fresno. All work for two-story frame and plaster dwelling.
Owner.....Mrs. Howard F. Mundorff
Architect.....None.
Contractor T. J. Reese, 1298 Elmhurst, Fresno and O. D. Atkins, 3219 Kerckhoff, Fresno.
Filed June 15, '17. Dated June —, '17.
Foundations in $1600
1st floor joists set and rough floor laid 1650
Ready for plaster..... 1650
Plastered, etc. 1650
Completed 1511
Usual 35 days 2137
TOTAL COST, $8548
Bond, $4274. Sureties, Maryland Casualty Co. Forfeit, none. Limit, October 1, 1917. Plans and specifications filed.

DWELLING
PTN LOTS 1 TO 4 BLK 7, Fresno Home Builders' Palm Villa Tract, Fresno. Dwelling and garage.
Owner.....Fresno Home Builders, 1231 I St., Fresno.
Architect .....None.
Contractor....Yarnell & Gargas, 2327 White St., Fresno.
Cost. $1800

COMPLETION NOTICES.

Fresno County.

RECORDED ACCEPTED
June 16, 1917—LOTS 23 AND 24 Blk 38, Arlington Heights Tract, Fresno. G H Walley to whom it may concern.....June 16, 1917
June 21, 1917—LOTS 23 AND 24, Berry Tract, Fresno. Frank H Klippel to Chas P Cain..June 16, 1917

NOTICE OF NON-LIABILITY.

Fresno County.

June 16, 1917—SECTIONS 4, 6, 10, 12 24 (in man[illegible]) R W Worden as to improvements on leased property .....

BUILDING CONTRACTS.

Sacramento County.

ADDITION
NO. 1708 K ST., Sacramento. One-story brick addition to garage.
Owner.....W. H. McMorry, 1621 17th St., Sacramento.
Architect .....None.
Contractor ..W. R. Saunders, 2810 I St., Sacramento.
COST, $3500

ALTERATIONS
NO. 813 K ST., Sacramento. Remodel store front.
Owner.....National Dollar Shirt Co.
Architect .....None.
Contractor....Fink & Schindler, 228 13th, San Francisco.
COST, $1100

ADDITION
N 100 OF W 60 LOT 6 BLK J, K, 13th and 14th Sts., Sacramento. All work for additions and alterations to brick garage.
Owner.....J. D. Lauppe, 1321 K St., Sacramento.
Architect .....Jos. Seadler, Forum Bldg., Sacramento.
Contractor....C. J. Guth, 1516 27th St., Sacramento.
Filed June 15, '17. Dated June 15, '17.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $15,000
Bond, none. Limit, 90 days. Forfeit, $10 per day. Plans and specifications filed.

BUILDING CONTRACTS.

San Joaquin County.

FRAME DWELLING
EDISON ST., bet. Acacia and Magnolia Sts., Stockton. Frame dwelling.
Owner.....Mary P. Marshall, 345 S-American St., Stockton.
Architect .....None.
Day's work. COST, $3850

FRAME DWELLINGS
YOSEMITE TERRACE, Stockton. All work for six frame dwellings.
Owner.....Realty Sales Co.
Architect .....None.
Day's work. . COST, $3800 each

With the purpose of encouraging summer vacations in California, the Southern Pacific Company has just issued for general distribution a booklet in condensed form descrirptions of California resorts. The booklet is a revelation to the average Californian for it shows him the wonderful variety of scenery and climate available within from an hour's to a night's run of San Francisco or Los Angeles.

All information as to names, localities, rates, facilities for sports and amusements, etc., can be readily found in the new publication.

DOUGLAS FIR ADVOCATED FOR "TREENAILS" FOR SHIPS.

Dense Douglas fir, such as is found in butt logs of this tree, which is very abundant on the Pacific Coast, is advocated for "treenails" for ships by Professor M. M. Pratt of the Division of Forestry of the University of California, in an article in the June issue of "The Timberman." The prospective activity in building wooden ships makes the question timely.

"Treenails," or "trunnels," as they are commonly called, are cylindrical wooden pins, used in fastening the parts of wooden ships together. Since it requires about thirty thousand of these pins for an average sized ship, it is a matter of much concern to secure a sufficient supply, especially since the use is very exacting. In the past, black locust has men the demand for denseness, durability, seasoning ability, strength, and elasticity, but there is a shortage of this wood at present, and there is danger of inferior woods being substituted.

"Stringy bark," a species of eucalyptus imported from Australia, has given satisfaction when properly seasoned, but the supply is limited, and it is impossible to get further stock at this time on account of lack of bottoms. California-grown eucalyptus has not proved satisfactory for "treenails" on account of its porosity, lack of durability, and poor seasoning qualities. Tests made by the Engineering Department at the University showed that hickory, as well as California eucalyptus, was exceedingly porous as compared with black locust or "stringy bark."

The best available substitute for black locust seems to be Douglas fir, cut from carefully selected butt logs. Such wood is hard, strong, elastic, dense, straight-grained, and seasons well. It is also non-porous, which obviates all danger of seepage. The treenails, being of dense selected stock, should be at least as durable as the Douglas fir wood which they hold together. Treenails of such wood were used by one of the early shipbuilders on the Pacific Coast and when taken out of a ship at the end of twenty years service were found to be in good condition.

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APPEAL TO SHIPPERS.

The following appeal is being sent to all shippers and receivers of freight by the San Francisco committee of the Car Service Commission at Washington:

"With our country at war, the railroads are being called upon to handle unprecedented quantities of all kinds of materials and supplies, and have pledged to the Government and the people their united efforts to produce maximum disturbance to commercial interests, we earnestly appeal to all shippers and receivers of freight to assist in the conservation of freight cars, the most important factors of which are the following:"

Shippers: Order direct, in writing, from local representatives at point of loading only the number and kind of cars suitable for your needs together with the amount or weight of shipments.

Load and furnish shipping instructions in one day; the earlier in the day the better the opportunity to get car moving.

In accepting orders for shipments, secure sufficient tonnage to fill completely a 60, 80 or 100 thousand pounds capacity car, including the ten per cent which cars may be loaded above market capacity.

Receivers: Place your cars in quantities to provide a full car load as above described.

In placing your orders, designate track on which cars will be loaded and bill cars accordingly.

Unload cars the day received. Quick release increases supply available for yourself and others.

The net shortage on all roads in the United States on May 1st was 145,449 which is the largest in the history of the country, with every prospect for increased demands. With two and a half million cars in service this shortage can be wiped out by increasing the loading per car. Loss of car space and capacity is the most serious factor today causing the so-called car shortage. Recent check of 65,219 cars shows 58 per cent of capacity utilized.

Will each and every shipper and receiver of freight "do his bit" in the existing emergency?

Respectfully submitted,
COMMISSION ON CAR SERVICE,
San Francisco Committee.

RULES AFFECTING BOILER PLATE AMENDED.

On account of the contention of manufacturers of boiler plate that the requirements of the rules of the Board of Supervising Inspectors, United States Steamboat-Inspection Service, governing the manufacture of steel boiler plate are stringent, resulting in a cost of from 5 to 6 cents a pound for steel boiler plate manufactured under the rules of the Steamboat-Inspection Service over steel boiler plate subject to the rules of Lloyds Bureau, the executive committee of the Board of Supervising Inspectors, at a meeting held from May 16 to 19, inclusive, 1917, adopted the following rule for physical qualities of steel plates:

Physical Properties, Steel Plates. The tensile strength determined by the tests shall be not less than 58,000 pounds per square inch of section, nor more than 73,000

pounds per square inch of section, and the elongation measured in a gauge length of 8 inches shall be not less than 20 per cent.

Guide Holes for Drills and Cutters May Be Punched.

The rules reading "All holes for tubes shall be drilled and no part punched" and "All holes for stays shall be drilled and no part punched" were struck out, and the following new rule was adopted:

> Centers or guide holes not to exceed 75 per cent of the diameter of the full size finished hole for tubes and stays may be punched. The remainder shall be cleanly cut, drilled, or reamed to full size.

These amendments received the approval of the Secretary of Commerce on May 19, 1917, under the provisions of Section 4405, Revised Statutes.

The Steamboat-Inspection Service has issued a circular letter dated May 22, 1917, which contains these amendments in full. The circular letter will be issued to manufacturers of boiler plate, boiler manufacturers, and to all persons on mailing lists to receive the general rules and regulations of the board of supervising inspectors. Copies of the circular letter may be obtained on application to any board of local inspectors, Steamboat-Inspection Service.

THE MONSTER OF MOUNTAINS.

Mount McKinley, Our Newest National Park, an Amazing Spectacle.

The national park in Alaska which Congress created last spring is one of the monster spectacles of the world. To say that it rises 20,300 feet above sea level and that it is the loftiest peak in America is to convey no idea whatever of its grandeur. There are several mountains in the Himalyas which materially exceed its height, one which rises 25,000 above sea level; and yet Mount McKinley, to the observer, is loftier than any of these.

The reason is that the greatest Himalyas are seen from valleys seven to ten thousand feet in altitude, while Mount McKinley rises abruptly from valleys three thousand feet and even less in altitude. The visitor to the Mount McKinley National Park will look up more than seventeen thousand feet to the double peak, the upper fourteen thousand feet of which are covered with perpetual snow.

This enormous mass is the climax of the great Alaskan Range which extends roughly east and west across southeast central Alaska, separating the vast northern inland from the more populated country whose shores are the Gulf of Alaska. The range parallels the mighty Yukon many miles to its south.

Titanic Alpine Scenery.

The reservation contains 2,200 square miles. Its northern slopes, which overlook the Tanana watershed with its gold mining industry, are broad valleys, inhabited by enormous herds of caribou. Its southern plateau is a perpetual winter wilderness through which glaciers of great length and enormous bulk flow into the valleys of the south. In this national park, which the railroad now building by Government into the Alaskan interior will open presently to the public, America possesses Alpine scenery upon a titanic scale.

From the stormy south, Mount McKinley is wholly inaccessible. But from the plains of the north, valleys of easy grade lead one from another to its foot.

"It is an awe-inspiring region of massive mountains and ice-capped peaks," Belmore Browne of the Camp Fire Club, testified before the Senate Committee on Territories. "The Piedmont Plateau that follows the range affords a beautiful roadway direct to Mount McKinley, and when you reach the plateau all difficulties vanish and you see a view that is unique on this earth. You see the huge mountain line of perpetual snow, rising like a great wall on the southeast. You can ride a pony to where Mount McKinley rises seventeen thousand feet above you in a glittering wall of snow and ice. It is flanked by stupendous mountains which make a wonderful setting for the monster."

Enormous Herds of Caribou.

North of the vast mountain, however, is a rolling country dotted with beautiful lakes and forests and inhabited by enormous herds of caribou. In fact the special reason why Congress set apart the region at this time was to conserve the wild animal life in advance of the invasion of hunters whilch the new Government railroad will bring into Alaska, the road as projected running within twenty miles of this greatest of natures spectacles.

Charles Sheldon, of the Boone and Crockett Club, told the Senate Committee that several times he has counted as many as five hundred mountain sheep in a single day of ordinary travel, and that herds of caribou numbering from twelve to fifteen hundred are frequently seen.

As a game refuge and breeding ground, the new national park conserves Alaskan game which elsewhere is rapidly disappearing. As in the case of the Yellowstone National Park, the reservation serves as a perpetual center of game supply for large neighboring areas.

These animals do not greatly fear man, because they have never been hunted. One can approach the great herds of caribou. There also many Alaskan bear of great size.

EQUIPMENT OF NEW CEMENT FACTORY IN ARGENTINA.

BUENOS AIRES, May 3.—A description of the new Portland cement factory established in the Province of Buenos Aires, being a company formed by United States capitalists, reference to which was made in "Commerce Reports" for October 11, 1916, was recently published in the Review of the River Plate. Some of the details are given below:

"This plant will have a capacity of about 3,000 barrels per day, will be fully equipped with the most modern machinery, and will manufacture a highest grade Portland cement, equal to that manufactured in any part of the world. The buildings of the plant will cover about 5 hectares (12.36 acres) and will be entirely composed of steel and concrete.

"Some of the machinery required is so large that the Southern Railway is building special cars to handle the same. The raw material required for the manufacture of cement is located in large quantities on the company's property. Portland cement is made from a mixture of limestone and clay, which will be loaded into cars at the company's quarries by steam shovels, taken to the plant, and crushed in large crushers.

The company is installing a complete cooper shop, which manufactures by machinery the barrels required for shipment of the cement, although the company believes that before long its customers will appreciate the economy and convenience arising through having their cement shipped to them in bags. The company has built a large number of houses for its employees (about 500 men) now working on the construction of this plant. Some of the factory buildings are completed and work on the foundation for the power house, kilns, and other buildings is progressing rapidly and they expect to have the plant finished and be manufacturing cement about the 1st of January. This company is the first to attempt the manufacture of a high grade Portland cement in Argentina and is financed by American capitalists who believe that Portland cement is one of the articles which Argentina can manufacture for its own use to better advantage than it can purchase same from foreign countries. A school and hospital, the erection of which is at present under contemplation, will provide for the mental and physical welfare of the workmen and their families, and the company has also under advisement the provision of amusements of various sorts for nonworking hours."

DON'T LOSE YOUR HEAD.

In every crowd there is always somebody who is ready to yell "fire!" Then the panic starts. When order is restored, everybody wonders why everybody lost his head.

When President Wilson issued his war proclamation and called upon the people of the United States to conserve their resources for the struggle ahead, he did not mean that they should stop spending money. He did mean that useless expenditures should stop, but that was nothing new. Business consists of buying and selling. Certain kinds of business are fundamental. The building business is one of them.

There need be no curtailment in building or road construction. Let both public and private useful building construction proceed. Production and handling of building materials and public and private construction work are fundamental industries of the country. Any tendency to suspend or postpone building projects is inconsistent with maintaining our prosperity. The country is prosperous. Building investors should not hesitate to go ahead with their plans. Railroads should spare no effort to supply the building industry with the cars needed to transport materials. Government, state, county, and municipal authorities should encourage the continuance of all kinds of building. Road and street improvements in particular should go on unabated. Bad roads and streets are factors of first importance in the present high cost of food stuffs. Never before was the improvement of highways so essential.

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The lumber, brick, cement, lime, sand, gravel, stone, and other building materials industries are basic. Neither government regulations nor railroad restrictions should be imposed unnecessarily to interfere with them. If any action is taken which results in the prostration of so fundamentally important industries, there is real danger of a surplus of unemployed labor, a surplus of railroad cars and a crippling of business that will seriously embarrass the Government in financing the war.

Grains Used For Liquors Would Feed Ten Million Hogs.

Ten million hogs could be raised in the United States every year with the grain and cereals used in making distilled liquors and beers, according to Prof. M. E. Jaffa, Consulting Nutrition Expert of the State Board of Health. If these products were used for feeding cattle or dairy cows, they would satisfy about one and one-half million animals for one year. The by-products from the manufacture of these liquors and beer, will feed about 5,000,000 hogs, but since the residue alone is not relished by pigs, grains or mill by-products must be supplemented.

Prof. Jaffa says further:—"The total amount of grain used for the manufacture of alcohol is 2,183,775,852 pounds. About 500 pounds of grain, supplemented by pasture, is necessary to raise an eight months hog weighing about 200 pounds. If this were devoted to pork production it would satisfy the requirements of upwards of 4,000,000 hogs. If the cereals used for beer were similarly applied, over 6,000,000 hogs could be raised. If the grains now used for the production of distilled spirits were used for human food, there would be rendered available about 800,000 tons of edible meal, the remainder—bran, etc.—being used for cattle, hog and poultry feeds. The corresponding estimated figure for the cereals now used for beer would be approximately 1,200,000 tons. In other words, if the total amount of grains now used in the manufacture of distilled spirits and beer were used as human food, there would be produced about 2,000,000 tons of edible meal. If this were all wheat flour, it would correspond to 3,000,000 tons of bread or 6,000,000,000 one pound loaves of bread—one loaf per capita per day for two months for the entire United States."

SPRUCE IN DEMAND.

WASHINGTON—Ten million feet of high grade spruce lumber is desired for the construction of aeroplanes, in addition to 3,000,000 feet now in stock or in transit, the War Department states in a letter to Congressman Sinnott. This stock is not in the hands of the Government, and the Government itself is doing no purchasing, except in an insignificant way. It is estimated the needs of the aviation service, however, and the material likely to be called for by private builders is to be arranged for in reserve. The spruce on hand will construct 2,000 air ships and 10,000,000 feet additional will be enough for 10,000 more. The lumber is carefully picked, with two and three-inch planks of clear wood as favorite thicknesses.